

***Biography and Curriculum***

***Vitae***

***Alice Newton***

## Biography of Alice Newton

### Marine Scientist, Oceanographer



Dr Alice Newton holds the position of Professor in the Department of Marine and Environmental Sciences (DCMA), Faculty of Sciences and Technology (FCT) of the University of Algarve ([UAlg](#), Portugal).

She is a member of Portugal's Institute of Marine Research ([IMAR](#)); the Marine and Environmental Research Center ([CIMA](#)); a Senior Scientist leading as the Principal Investigator on the coastal zone at the Norwegian Institute of Air Research ([NILU](#)) in the Department of Environmental Impacts and Economics ([IMPEC](#)); and of the High North Research Centre for Climate and the Environment ([FRAM](#)), Norway; a Council member of the Estuarine and Coastal Sciences Association ([ECSA](#)); and the European Engagement Partner of Future Earth Coasts, ([FEC](#), formally LOICZ).

An internationally known **Chemical Oceanographer**, Dr Newton has made an important contribution to the assessment of eutrophication in coastal lagoons. She has also formulated and successfully implemented 7 multinational post-graduate Master and PhD joint programmes. She has more than 26 years of experience in coordinating several international and national research programmes across a number of scientific disciplines.

The author or co-author of 76 scientific and academic publications since 2003, Dr Newton has given numerous presentations at international conferences over the last 10 years, including 50 keynote papers as an invited speaker. Additionally, she has co-chaired or convened 188 scientific events. She is an active member of several science societies.

Dr Newton advises various national, international and multinational governmental and non-governmental organisations as well as research funding agencies, on aspects of science-policy implementation, (e.g. the Water Framework Directive, the Marine Strategy Framework Directive and Regional Seas Commissions).

Examples of expert consultancies include: Joint Research Centre, Eutrophication in Transitional water bodies, Intercalibration of Water Framework Directive; INAG (Portuguese Ministry of Environment, Institute of Water Research), Implementation of Water Framework Directive in Transitional Waters and Coastal Waters; US Environmental Protection Agency, Nutrient criteria; KLIF (now Norwegian Environment Agency), Management plan for North Sea and Skagerrak; Direc<sup>cao</sup> Geral Recursos Marinhos Portugal, Implementation of the Marine Strategy Framework Directive (SOPHIA project); United Nations Environmental Programme Regional Seas Conventions, Indicator Group (including Chlorophyll). She has also served on numerous national and international committees and boards, including 7 editorial boards, and has forged strong links with a range of industry and stakeholder organisations.

Dr Newton was the Chairperson of [LOICZ](#) (Land ocean interactions in the coastal zone) a core project of [IGBP](#) (the International Biosphere-Geosphere Programme) and [IHDP](#) (the International Human Dimension Programme) from 2009 to 2011. She is the current Future Earth Coasts [FEC](#) European engagement partner and a council member of the Estuarine and Coastal Sciences Association ([ECSA](#)); the chairperson of the EU DGR&I Bioeconomy Strategy expert group; member of the Working Group "Climate Change" de [MedWet](#)-STN.

A former Head of the Department of Chemistry and Biochemistry at the University of Algarve, she is now a tenured professor in the Department of Marine and Environmental Sciences. Dr Newton has contributed as visiting professor to the training of post-graduate students at several other Universities around the world:

(Brazil) [Universidade de Santa Cecília](#), [Universidade Federal de São Paulo](#),

(Colombia) [University of Eafit](#),

(Italy) [University of Lecce](#) and [University of Bologna](#),

(Morocco) [Mohamed V University - Agdal](#),

(Norway) [University of Bergen](#),

(Poland) [University of Gdansk](#), [Gdansk Technical University](#), [University of Szczecin](#),  
[University of Częstochowa](#),

(Spain) [University of Cadiz](#), [University of Barcelona](#),

(UK) [University of Wales](#), [University of Plymouth](#), [University of Portsmouth](#).

She has supervised and co-supervised 54 Master students, 20 Doctoral students and 7 Postdoctoral fellows from many different countries.

Dr Newton has been awarded 12 fellowships/scholarships since 2003, including a Scientific Committee on Oceanic Research ([SCOR](#)) fellowship for North Africa (2011), an Institute of Advanced Studies fellowship at the [University of Bologna](#) (2011) and an *Erasmus Mundus* scholarship in Brazil (2013) and China 2014, as well as Chinese Academy of Sciences Professorship (2014-6) at Institute of Coastal Research of the Chinese Academy of Sciences, [Key State Laboratory, Yantai, China](#).

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## 1. PERSONAL INFORMATION

<b>Name</b>	Alice Newton
<b>Gender</b>	Female
<b>Date and place of birth</b>	15-06-1960, London, United Kingdom
<b>Nationality</b>	British
<b>Marital Status</b>	Married
<b>Home Address</b>	Apartado 21, 8650-999 Vila do Bispo, Portugal
<b>Professional Address</b>	Universidade do Algarve, Faculdade de Ciências e Tecnologia, Departamento de Ciências da Terra do Mar e do Ambiente, Campus de Gambelas, 8005-139 Faro, Algarve – Portugal
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<b>e-mail</b>	anewton@ualg.pt
<b>Webpages</b>	<a href="http://w3.ualg.pt/~anewton/">http://w3.ualg.pt/~anewton/</a> <a href="http://alicenewton.eu/">http://alicenewton.eu/</a>

## 2. ACADEMIC DEGREES

<b>1978-1981</b>	<b>BSc</b> (Honours) Oceanography, Marine Biology University of Wales, Bangor
<b>1981-1987</b>	<b>MSc</b> (by research) Biological Oceanography University of Wales, Bangor <b>Reconhecimento</b> awarded by University of Algarve
<b>1990-1995</b>	<b>PhD</b> Chemical Oceanography University of Wales, Bangor <b>Equivalência</b> in Química do Ambiente awarded by University of Algarve
<b>1<sup>st</sup> July 2014</b>	<b>Agregação</b> (Similar to Doctor of Science) University of Algarve, Portugal

### 3. KNOWLEDGE OF LANGUAGES

**Main Language:** English

**Other Languages:**

	Understanding				Speaking				Writing	
	Listening		Reading		Spoken (Conversation)		Spoken (Speech)			
<b>French</b>	<b>C2</b>	Proficient user	<b>C2</b>	Proficient user	<b>C2</b>	Proficient user	<b>C2</b>	Proficient user	<b>C2</b>	Proficient user
<b>Portuguese</b>	<b>C2</b>	Proficient user	<b>C2</b>	Proficient user	<b>C2</b>	Proficient user	<b>C2</b>	Proficient user	<b>C2</b>	Proficient user
<b>Spanish</b>	<b>C1</b>	Proficient user	<b>C1</b>	Proficient user	<b>B2</b>	Independent user	<b>B2</b>	Independent user	<b>A2</b>	Basic user

(\*) [Common European Framework of Reference \(CEF\) level](#)

### 4. PRIZES, TITLES AND SCHOLARSHIPS

**2007** – *Erasmus Mundus I* Scholarship in Water and Coastal Management ([WACOMA](#)), Action III, Eafit University, Colombia.

**2011** – Science Council for Ocean Research Scholarship ([SCOR](#)), Mohamed V University, Morocco.

**2011** – *Erasmus Mundus II* Scholarship in Quality in Analytical Laboratories ([EMQAL](#)) Action I, Changsha University, China.

**2011** – Scholarship from the Institute of Advanced Studies, [University of Bologna](#), Italy.

**2013** – *Erasmus Mundus II* Scholarship in Quality in Analytical Laboratories ([EMQAL](#)), Action I, Changsha University, China.

**2013** - *Erasmus Mundus II* Scholarship in Water and Coastal Management ([WACOMA](#)), Action I, Unisanta, Brazil.

**2013** – State Key Laboratory for Estuarine and Coastal Research Fellowship, [East China Normal University](#), China.

**2014** - Chinese Academy of Sciences Professorship. [Key State Laboratory](#), Yantai, China.

**2014** – *Erasmus Mundus II* Scholarship in Quality in Analytical Laboratories ([EMQAL](#)), Action I, China.

**2015** - *Erasmus Mundus II* Scholarship in Water and Coastal Management ([WACOMA](#)),  
Action I, Ningbo, China.

**2015** - Chinese Academy of Sciences Professorship. [Key State Laboratory](#), Yantai, China.

**2016** - Chinese Academy of Sciences Professorship. [Key State Laboratory](#), Yantai, China.

## 5. PROFESSIONAL ACTIVITY

### University of Algarve

<b>1984-2005</b>	Type of Association: Permanent (“com nomeação definitiva”) Professional Career: University Professor Professional Category: Auxiliar with aggregation
<b>2004-2006</b>	<b>Head of Department</b> of Chemistry and Biochemistry
<b>2005- Present</b>	<b>Professor Department of Chemistry and Pharmacy</b>

## 6. PROFESSIONAL AND RESEARCH MEMBERSHIPS

<b>Professional Societies</b>	<a href="#">EARMA</a> - European Association of Research Managers and Administrators (Member)
	<a href="#">EUCC</a> - The Coastal & Marine Union (Member)
	<a href="#">EUCC</a> - The Coastal & Marine Union - Portugal (Executive Committee)
<b>Science Societies</b>	<a href="#">ASLO</a> - American Society of Limnology and Oceanography (Member)
	<a href="#">CERF</a> - Coastal and Estuarine Research Federation (Member)
	<a href="#">ECSA</a> - Estuarine and Coastal Sciences Association (Council Member)
<b>Research Centres and Institutes</b>	<a href="#">IMAR</a> - Institute of Marine Research (Member)
	<a href="#">CIMA</a> - Centre of Marine and Environmental Research (Member)
	<a href="#">CMQA</a> - Centre of Research on Environmental Chemistry (Member until 2005 when the Center closed)



**Thematic  
Networks**

**Fundação Oceanis** - Centre of Oceanography, Sagres (Member of Executive Committee)

**BALTDER**- Centre of Excellence for Baltic Development, Education and Research (Member of Scientific Steering Committee)

**FRAM**- High North Research Centre for Climate and the Environment (Member)

**NILU-IMPEC** – Norwegian Institute of Air Research – Department of Environmental Impacts and Economics (Senior Scientist and Principal Investigator on Coastal Zone)

**ESSENCE**- Environmental Education Network (Portuguese Representative)

**ETNET**- Water Education Network Research (Portuguese Representative)

## 7. ACADEMIC ACTIVITIES

The University of Algarve ([UAlg](#)) started its first academic year in October 1983 and I was employed in March 1984 in the second semester. It was a new University with no research facilities and new staff that presented me with many interesting challenges and provided me with experiences that staff in an established institution do not have. Over the time span 1984-2009, my academic activities have evolved and I would identify 4 main time frames with different duties and achievements.

### 1984 -1999: Undergraduate Curriculum Development and Teaching

- Design and delivery of 1st year undergraduate foundation courses in biology, microbiology and chemistry;
- Design and delivery of 2nd-3rd year undergraduate courses in plankton, limnology, marine microbial ecology and biological oceanography;
- Design and delivery of 4th year undergraduate courses in protection of environmental Quality.

### **1999 – 2004: Postgraduate Curriculum Development and Teaching**

Once I had the sufficient experience, I started developing Master programmes and eventually international Master programmes. During this time I became involved in international education and built up a [European Joint Master programme in Water and Coastal Management](#) based on a large network of European Universities. The European University Association ([EUA](#)) selected the Master in Water and Coastal Management for a study on Joint Master programmes. Postgraduate teaching and supervision gradually replaced undergraduate teaching. I also designed and delivered postgraduate (Master) modules in Chemistry and Physical Properties of Water, Hydro-chemical Characterization of Natural Waters, Water Quality Policies and Regulations, Water, Coastal and Environmental Management, Eutrophication.

### **2004-2011 Coordination of International Postgraduate Programmes**

During this period, I coordinated the [Erasmus Mundus Master in Water and Coastal Management](#), one of the first *Erasmus Mundus* programmes. I lectured mainly on postgraduate (Master) courses, in international programmes.

### **2008-2014: International Curriculum Development and Teaching**

- Design and curriculum development then implementation and delivery of the International European Joint Master programme in Water and Coastal Management;
- Design and curriculum development then implementation and delivery of an international Master programme in Inland and Freshwater Quality;
- Design and curriculum development then implementation and delivery of *Erasmus Mundus* programmes at Master level ([Quality in Analytical Laboratories](#), [Marine Biodiversity and Conservation](#), [Ecohydrology](#)) and at PhD level ([Marine and Coastal Management](#));
- Design and curriculum development of the International *Erasmus Mundus* programme at Master level in [Chemical Innovation and Regulation](#).

## **7.1. Teaching at the University of Algarve**

### **1984-1999 Undergraduate Curriculum Development and Teaching**

During this time I was employed as a lecturer but also finishing my higher education (MSc and PhD). Every semester there were new lecture courses and every year new undergraduate courses. Curriculum development was a continual process, not an occasional task. I developed and ran many different lecture courses (16) to several undergraduate courses (21) during this period ([Table 1](#) in Annex). I also carried out research for my MSc and PhD at the [University of Wales](#). This meant that I had to travel frequently between the two institutions.

### **2002 – 2016: Postgraduate Curriculum Development and Teaching**

I developed and ran different lecture courses (14) to several graduate courses (7) during this period, ([Table 1](#) in Annex).

## **7.2. Post-Graduate Teaching at Host Universities (Erasmus Programme)**

I have taught as an invited Professor in the *Erasmus* teaching staff mobility programme in 9 different Universities, and 9 different modules in 11 different postgraduate (Master) programmes, (See [Table 2](#) in Annex).

## **7.3. Post-Graduate Teaching at Host Universities (Erasmus Mundus and Other Programmes)**

I have taught as an invited Professor in the *Erasmus Mundus* programme in 7 different Universities, and 16 different modules in 7 different postgraduate (Master) programmes and a PhD programme (See [Table 3](#) in Annex).

## **7.4. Activity of University Management and Leadership**

### **1997/2001:**

- Faculty of Science and Technology representative to the Senate, University of Algarve;
- Faculty of Science and Technology representative to the General Assembly of the University of Algarve.

**2000/2006:**

- Member of the Executive Board of the Foundation for the Development of the University of Algarve (FDUAlg).

**2004/2006:**

- Head of the Department of Chemistry and Biochemistry (24 PhD academic staff, 7 technical staff, and 3 secretarial staff).

**2004-2011:**

- Coordinator of the international *Erasmus Mundus* Master in Water and Coastal Management network of Universities (52 European Universities and 11 non-European).

**2011-2014:**

- Institutional sub-director of the international *Erasmus Mundus* Joint Doctorate in Marine and Coastal Management.

**2012-2014:**

- Institutional coordinator of the international *Erasmus Mundus* Master in Water and Coastal Management

**2014:** Coordinator of International office

**Networking Universities: contribution to building EHEA (European Higher Education Area)**

- Member of thematic networks [ESSENCE](#)- Environmental Education Network and ETNET- Water Education Network Research;
- Built and coordinated a network of 36 European Universities in a European University Association ([EUA](#)) project;
- Built and coordinated a network of 52 EU Universities and 11 non-European Universities in the *Erasmus Mundus* I programme Action 1, 2 and 3;
- Built a network of international Universities from Belorussia, Moldova, Ukraine, Iran, Iraq, Yemen, Kazakhstan, Chile, Russia, ACP (Africa, Caribbean, Pacific) for the external cooperation windows of *Erasmus Mundus* (2007-2009).
- Member of the Executive Board of the [World Maritime University](#). (2010-15)

## **7.5. Participation in International Education Projects**

### HIGHER EDUCATION PROJECTS

**Erasmus International Curriculum Development Project (1998-1999)**

[MSc in Inland and Freshwater Quality](#)

(Partner)

**[TEMPUS-COMET I and II Projects](#) (1998-2002)**

(Partner)

**Joint Masters Project (2000-2001)**

[European University Association](#)

(Coordinator)

**[UNESCO –UNITWIN WICoP project](#) (2000 –Present)**

(Partner)

**Erasmus Mundus MSc ([EMWCM](#)) Water and Coastal Management (2004-Present)**

Action 1 and Action 2 (6 years)

Action 3 (Russia-USA-Latin America) (4 years)

Action 3 for China (4 years)

(Coordinator 2004-2012, Institutional Coordinator 2012-2014)

**[Mecesup Project](#) (2005)**

Curriculum Development in Marine Sciences in Chile

(Consultant)

**[ASIA-LINK](#) COASTAL PROFS Project (2006-2008)**

(Partner)

**Erasmus Mundus MSc ([EMQAL](#)) - Quality in Analytical Laboratories (2008-Present)**

(Evaluator of programme and Lecturer)

**Erasmus Mundus MSc ([EMBC](#)) in Marine Biodiversity and Conservation (2008-Present)**

(Lecturer)

**Erasmus Mundus PhD ([MACOMA](#))-Marine and Coastal Management (2011 – Present)**

(Lecturer)

**Erasmus Mundus MSc ([WACOMA](#))-Water and Coastal Management (2011 – Present)**

(Lecturer, institutional coordinator)

**Erasmus Mundus MSc in [Ecohydrology](#) (2011-Present)**

(Lecturer)

**Erasmus Mundus MSC ([ChIR](#)) Chemical Innovation and Regulation (2013- Present)**

(Lecturer)

**Erasmus Mundus MSC ([ChIR](#)) Chemical Innovation and Regulation (2014- Present)**

(Evaluator of programme)

## **8. SUPERVISION AND EXAMINER BOARD**

### ***8.1. Supervision of Researchers***

- 7 postdoctoral scientists ([Table 4](#) in Annex);
- 20 PhD students ([Table 5](#) in Annex);
- 54 master students ([Table 6](#) in Annex);
- 8 First cycle research project students ([Table 7](#) in Annex).

### ***8.2. Participation in Other Academic Examiners Boards***

- 3 PhD and 13 MSc ([Table 8](#) in Annex).

## **9. CAPACITY BUILDING IN HIGHER EDUCATION**

Designed and ran 9 capacity building courses for University Academic staff ([Table 9](#) in Annex).

## **10. QUALITY ASSURANCE IN HIGHER EDUCATION**

Coordinated or participated in 11 quality assurance panels for postgraduate (master) programmes ([Table 10](#) in Annex).

## **11. RESEARCH ACTIVITIES**

The University of Algarve started its first academic year in October 1983 and I was employed in March 1984 in the second semester. It was a new University with no research facilities and no laboratories.

Over the time span 1984-2009, my research activities have evolved and I would identify 4 main time frames with achievements. The projects are mentioned here only as acronyms and more information is given in the following section.

### **1984-1999 Research on Water Quality**

I finished my higher education (MSc and PhD) at the University of Wales. My original research interest focused on water quality.

### **1999-2004 Research on Eutrophication, Science-Policy interface**

By 1999, we had basic equipment at the University of Algarve so we were able to start applying for National projects and then International projects in the EU 5<sup>th</sup> and 6<sup>th</sup> Framework programmes, ([OAERRE](#), [ECASA](#), [ENCORA](#) projects). The projects are mentioned here only as acronyms and more information is given in the following section. My research interest focused on eutrophication then catchment to coast processes. I became a national expert for the competent Authority of [INAG](#) Portugal on the Water Framework Directive implementation and interested in the Science-Policy interface, ([MONAE](#), RECITAL, RECONNECT, EEMA projects).

### **2004-present Research on catchment-coast, global change and the coastal zone**

During this period, I became increasingly involved in International and Global projects such as [LOICZ](#) – Land Ocean Interactions in the Coastal Zone and my research interest now focuses on global change complex social-ecological- economic processes in the coastal zone, ([LOICZ](#), [SPICOSA](#), [KNOWSEAS](#), [COMET-LA](#), [DEVOTES](#), [IMNSK](#), [MaghLag](#) projects). In 2016, I was nominated as the [European Engagement Partner](#) for [Future Earth Coasts](#) and as a member of the Council of the [Estuarine and Coastal Science Association](#) (ECSA).

#### **11.1. Evaluation of Research Projects**

I am an evaluator for 16 national and international funding agencies ([Table 11](#) in Annex).

#### **11.2. Participation in Research Projects**

I have participated in or coordinated 11 national ([Table 12](#) in Annex) and 18 international projects ([Table 13](#) in Annex).

## 12. PUBLICATIONS

- Co-authored a book ([Table 14](#) in Annex) and 4 chapters ([Table 15](#) in Annex), as well as several articles for Newsletters ([Table 16](#) in Annex);
- Co-authored 76 peer reviewed articles in ISI journals ([Table 17](#) in Annex) or Proceedings ([Table 18](#) in Annex);
- Edited 2 Special issues of Estuarine, Coastal and Shelf Science;
- Authored or co-authored 21 reports to various stakeholders including EU, US EPA and ESA ([Table 20](#) in Annex);
- Member of 7 Editorial Boards ([Table 21](#) in Annex).
- Member of an Advisory Board of Book Series ([Table 22](#) in Annex).

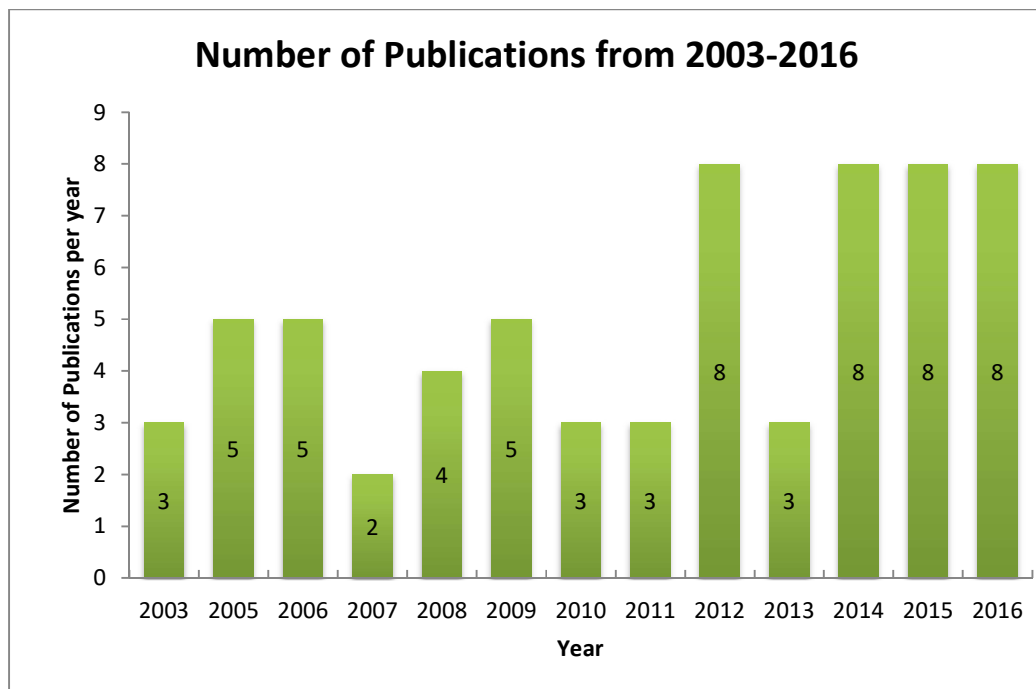


Figure 1: Number of ISI Publications from 2003-2016.



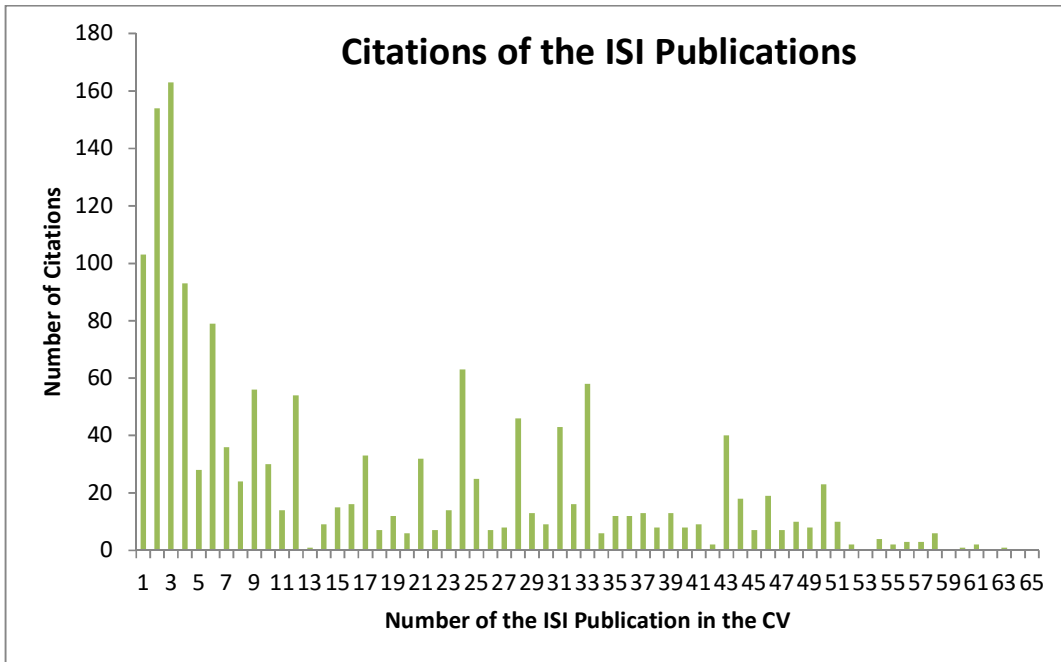


Figure 2: Citations of the ISI Publications in the CV on 21<sup>st</sup> July 2016. (Source: Google scholar)

### Citation Indices

	All	Since 2010
Citations	1688	1172
h-index	21	19
i10-index	39	34

Table 1: Citation Indices on 21<sup>st</sup> July 2016. (Source: Google scholar)

ISI Journal	IF (2015)	5 IF	SNIP (2014)	SJR (2014)	IPP (2014)	Number of articles published in the journal	Number of the article published in the CV
Nature Climate Change	17.184		3.906	5.991	12.254	1	46
Current Opinion in Environmental Sustainability	4.658	4.766	1.236	1.544	3.612	1	60
Limnology and Oceanography	3.660	-	1.451	1.803	3.618	1	29
Biogeochemistry	3.407	-	1.375	1.522	3.595	2	10,30
Ecological Indicators	3.190	3.649	1.883	1.267	3.595	1	34
Remote Sensing	3.036	3.278	1.789	1.168	3.042	1	62
Ecology and Society	2.774	4.644	1.368	1.455	2.967	3	38, 47, 48
Marine Environmental Research	2.769	3.078	1.012	0.828	2.604	1	55
Applied Geography	2.565	3.162	1.807	1.085	2.904	1	28
Sustainability Science	2.494	-	1.578	1.348	2.763	1	58
Marine Policy	2.453	2.715	1.488	1.295	2.804	1	42
Journal of Environmental Monitoring (2009-2012) Environmental Science: Processes & Impacts (2013-Present)	2.401	-	1.005	0.948	2.414	3	15,25,27
Estuarine, Coastal and Shelf Science	2.335	2.762	1.144	0.927	2.208	20	1,4,5,9,12, 16,17,21,31 32,33,35,36 37,40,43,44 49, 52,54

ISI Journal	IF (2015)	5 IF	SNIP (2014)	SJR (2014)	IPP (2014)	Number of articles published in the journal	Number of the article published in the CV
IEEE Geoscience and Remote Sensing Letters	2.228	-	2.257	1.534	2.655	1	61
Journal of Marine Systems	2.174	2.574	1.386	1.101	2.635	1	6,63
Aquaculture	1.893	2.345	1.254	0.897	2.055	1	24
Journal of Experimental Marine Biology and Ecology	1.796	2.307	0.953	0.993	2.236	2	19,26
Ocean & Coastal Management	1.696	1.994	1.146	0.745	1.93	1	50,56,59,65
International Journal of Remote Sensing	1.640	-	-	0.816	-	1	45
Scientia Marina	1.190	1.347	0.748	0.484	1.17	1	7
Journal of Science Education and Technology	1.124	-	1.184	1.060	1.252	1	13
Journal of Coastal Research	0.852	-	0.469	0.476	0.718	4	11,20,22,23
Environmental Forensics	0.687	-	0.593	0.286	0.694	2	14,18
Ecosystem Services	-	-	2.252	2.200	5.014	1	41
Anthropocene	-	-	0.58	0.465	1.031	1	57

**Table 2:** Quality of the publication journal.

IF – Impact Factor;

5 IF – five years impact factor;

SNIP – Source Normalized Impact per Paper; SJR – SCImago Journal Rank; IPP – The impact per publication. Source: <http://www.journalmetrics.com/>

### 13. SCIENCE COMMUNICATION

- Delivered 50 invited or keynote speeches and oral presentations ([Table 23](#) and [Table 25](#) in Annex);
- Convened 69 conference sessions ([Table 24](#) and [Table 26](#) in Annex) and organized an international conference;
- Co-authored 65 posters in conferences ([Table 27](#) in Annex);
- Featured on EuroNews and in several TV and radio programmes.
- Organized EuroNews *Futuris* programme.

### 14. FUTURE PARTICIPATION IN CONFERENCES

- 1 **AOGS 2016 Beijing**  
31 July- 5August 2016 Co-convenor special session  
<http://www.asiaoceania.org/aogs2016/public.asp?page=home.htm>
- 2 **European Aquaculture Society**  
Edinburgh 20-23 September 2016
- 3 **Marine Biodiversity the key to**  
healthy and productive seas  
Brussels 17-19 October 2016 Organizing committee  
<https://www.youtube.com/watch?v=TSqT58teodc>
- 4 **Littoral 2016**  
Biarritz 25-27 October 2016 Scientific committee  
<http://littoral2016.univ-pau.fr/programme.html>

#### **EGU General Assembly 2017:**

**EGU2017-15329**  
Mercury species transformation  
near the water-sediment interface  
at changeable redox conditions:  
biogeochemistry and ecological  
consequences by Svetlana  
Pakhomova et al.  
accepted in Session HS10.2 Lakes  
and inland seas in a changing  
environment

**EGU2017-17537**  
Challenges, solutions and limitations  
to effectively communicate science  
to non-scientific stakeholders by  
María Uyarra et al.  
accepted in Session EOS15 Effective  
Project Management in Earth  
Sciences – What does That Mean?

## **15. ORGANIZATION OF MEETINGS, WORKSHOPS AND CONFERENCES**

### ***15.1. Organization of Scientific Meetings, Workshops and Conferences***

I have participated as the Chairperson, organizer or member of the Scientific Committee in the organization of 29 meetings, workshops and conferences ([Table 28](#) in Annex). I have chaired or convened at 25 meetings, workshops and conferences ([Table 29](#) in Annex).

### ***15.2. Organization of Academic Meetings, Workshops and Conferences***

I organized the Joint European Master Coordinators 3<sup>rd</sup> meeting in 2004 and the Coastal Profs workshop in 2007, in Portugal, at the University of Algarve ([Table 30](#) in Annex).

## **16. REFEREES**

- 1** James Syvitski, Professor  
Executive Director of CSDMS- Community Surface Dynamics Modeling System  
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<http://CSDMS.Colorado.EDU/>
  
- 2** Mike Elliott, Professor  
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<http://www2.hull.ac.uk/science/iecs/about%20iecs/staff/prof%20mike%20elliott.aspx>

**Alice Newton**



# 17. ANNEX

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## 1. ACADEMIC ACTIVITIES

**Table 1. Teaching at the University of Algarve**

T= Theoretical classes (lectures); P= Practical classes (laboratory sessions); TP= Problem solving classes

Academic Year	Teaching	Course (s)
1983/84	Biology II (T+P)	Hortofruticulture and Marine Biology and Fisheries
1984/85	Microbiology I (T+P)	Marine Biology and Fisheries
1985/86	Microbiology I (T+P) Limnobiology (T) Biological Oceanography (T) Plancton I (T)	Marine Biology and Fisheries
1986/87	Limnobiology (T) Biological Oceanography (T) Plancton I (T)	Marine Biology and Fisheries
1987/88	Microbiology I (T+P)	Marine Biology and Fisheries
1988/89	Microbiology I (T+P) Food Microbiology (P) Chemistry II (P)	Marine Biology and Fisheries Food Technology Engineering Hortofruticulture and Marine Biology and Fisheries
1989/90	Chemistry I (P) Chemistry II (P)	Hortofruticulture and Marine Biology and Fisheries
1990/91	Chemistry I (P) Chemistry II (P)	Hortofruticulture and Marine Biology and Fisheries
1991/92	Chemistry I (P)	Hortofruticulture and Marine Biology and Fisheries
1992/93	Inorganic Chemistry (T + P) Chemistry I (P)	Hortofruticulture and Marine Biology and Fisheries
1993/94	Inorganic Chemistry (T + P)	Marine Biology and Fisheries
1994/95	Inorganic Chemistry (T + P) Applied Chemistry (P) General Chemistry II (P)	Marine Biology and Fisheries Agronomical Engineering Physics and Chemistry
1995/96	Inorganic Chemistry (T + P)	Marine Biology and Fisheries
1996/97	Inorganic Chemistry (T + P) Applied Chemistry (TP)	Marine Biology and Fisheries Agronomical Engineering

**Table 1. Teaching at the University of Algarve**

T= Theoretical classes (lectures); P= Practical classes (laboratory sessions); TP= Problem solving classes

Academic Year	Teaching	Course (s)
1997/98	Inorganic Chemistry (T + P) Applied Chemistry (TP) General Chemistry II (P)	Marine Biology and Fisheries Agronomical Engineering Environmental Engineering
1998/99	Inorganic Chemistry (T + P) Protection of Environmental Quality (T)	Marine Biology and Fisheries Teaching: Mathematics Computers Portuguese Studies Languages and Modern Literatures, Portuguese-English Languages and Modern Literatures, Portuguese-French
1999/00	Inorganic Chemistry (T + P) Protection of Environmental Quality (T)	Marine Biology and Fisheries Oceanography Marine Biology and Fisheries Teaching: Mathematics Computers Portuguese Studies Languages and Modern Literatures, Portuguese-English Languages and Modern Literatures, Portuguese-French
2000/01	General Chemistry II (P) Protection of Environmental Quality (T)	Physics and Chemistry Chemistry Teaching: Mathematics Computers Portuguese Studies Languages and Modern Literatures, Portuguese-English Languages and Modern Literatures, Portuguese-French
2001/02	General Chemistry (T+P) Inorganic Chemistry (T+P) Protection of Environmental Quality (T)	Environmental Engineering Oceanography Teaching: Computers Mathematics
2002/03	General Chemistry (T + P) Inorganic Chemistry (T + P) Waters Chemistry and Physics(T)	Environmental Engineering Oceanography MSc in Quality in Analytical Laboratories

**Table 1. Teaching at the University of Algarve**

T= Theoretical classes (lectures); P= Practical classes (laboratory sessions); TP= Problem solving classes

Academic Year	Teaching	Course (s)
2002/03	Protection of Environmental Quality (T) Protection of Environmental Quality (T)	Teaching: Computers Mathematics
2003/04	General Chemistry (T+P) Inorganic Chemistry (T+P) Waters Chemistry and Physics(T)	Environmental Engineering Oceanography MSc in Quality in Analytical Laboratories
2004/05	General Chemistry II (T + P) Inorganic Chemistry (T + P)	Physics and Chemistry Oceanography
	Water Management I (T) Coastal Management I (T) Environmental Management I (T) Environmental Chemistry (T + TP) Protection of Environmental Quality (T) Water Management II (T) Coastal Management II (T) Environmental Management II (T)	MSc Water and Coastal Management MSc Water and Coastal Management MSc Water and Coastal Management Teaching: Physics and Chemistry Teaching: Mathematics MSc Water and Coastal Management MSc Water and Coastal Management MSc Water and Coastal Management
2005/06	General Chemistry (T + P) Inorganic Chemistry (T + P) General Chemistry I(T + P) Inorganic Chemistry (T + P) Water Management I (T) Coastal Management I (T) Environmental Management I (T)	Environmental Engineering Oceanography Physics and Chemistry Oceanography MSc Water and Coastal Management MSc Water and Coastal Management MSc Water and Coastal Management
2006/07	Fundamentals of Chemistry (P)  Protection of Environmental Quality (T) Hydrochemical Characterization of Water Types (T)	Environmental Engineering Oceanography Biology Marine Biology Biomedical Sciences Teaching: Mathematics MSc in Quality in Analytical Laboratories
2007/08	Applied Chemistry (T + P)  Hydrochemical Characterization of Water Types (T)	Clinical Analysis and Public Health Dietetics Pharmacy Radiology MSc in Quality in Analytical Laboratories
2008/09	Applied Chemistry (T + P) Environmental Management I (T)	Radiology

**Table 1. Teaching at the University of Algarve**

T= Theoretical classes (lectures); P= Practical classes (laboratory sessions); TP= Problem solving classes

Academic Year	Teaching	Course (s)
	Water Management I (T) Coastal Management I (T) Environmental Management II (T) Water Management II (T) Coastal Management I II (T) Water Quality Policies and Regulations (T)	<i>Erasmus Mundus</i> Master in Water and Coastal Management - <a href="#">WACOMA</a> <i>Erasmus Mundus</i> Master in Water and Coastal Management - <a href="#">WACOMA</a> <i>Erasmus Mundus</i> Master in quality in analytical laboratories – <a href="#">EMQAL</a>
<b>2009/10</b>	Environmental Management I (T) Water Management I (T) Coastal Management I (T) Eutrophication impacts on Marine Biodiversity (T)	<i>Erasmus Mundus</i> Master Water and Coastal Management - <a href="#">WACOMA</a> <i>Erasmus Mundus</i> Master in Marine Conservation and Biodiversity - <a href="#">EMCB</a>
<b>2010/11</b>	Eutrophication and Ecohydrology (T)	<i>Erasmus Mundus</i> Master in Ecohydrology
<b>2011/12</b>	Eutrophication and Ecohydrology (T)  Water Quality Policies and Regulations (T)  Eutrophication Impacts on Marine Biodiversity (T)	<i>Erasmus Mundus</i> Master in Ecohydrology  <i>Erasmus Mundus</i> Master in Quality in Analytical Laboratories – <a href="#">EMQAL</a> <i>Erasmus Mundus</i> Master in Marine Conservation and Biodiversity - <a href="#">EMCB</a>
<b>2012/13</b>	Eutrophication and Ecohydrology (T) Water Quality Policies and Regulations (T)  Eutrophication Impacts on Marine Biodiversity (T)	<i>Erasmus Mundus</i> Master in Ecohydrology <i>Erasmus Mundus</i> Master in Quality in Analytical Laboratories – <a href="#">EMQAL</a> <i>Erasmus Mundus</i> Master in Marine Conservation and Biodiversity - <a href="#">EMCB</a>
<b>2013/14</b>	Chemical Oceanography (T)  Priority Substances (T)  Eutrophication (T)	Marine Biology and Fisheries Marine Sciences  <i>Erasmus Mundus</i> Master Course in Chemical Innovation and Regulation - <a href="#">EMMC-ChIR</a>  <i>Erasmus Mundus</i> Master in Ecohydrology
<b>2014/15</b>	Introduction to Research Method (Postgraduate Seminars)	<i>Erasmus Mundus</i> PhD in Marine in Coastal Management <a href="#">MACOMA</a>
<b>2015/16</b>	Introduction to Research Method (Postgraduate Seminars)	<i>Erasmus Mundus</i> PhD in Marine in Coastal Management <a href="#">MACOMA</a>
<b>2016/17</b>	Chemistry (P) Eutrophication (T)	BSc (Agr, DCMA, BT) <i>Erasmus Mundus</i> Master in Ecohydrology

**Table 1. Teaching at the University of Algarve**

T= Theoretical classes (lectures); P= Practical classes (laboratory sessions); TP= Problem solving classes

Academic Year	Teaching	Course (s)
	Eutrophication (T)	Master in Marine biodiversity and conservation
	Priority Substances (T)	Erasmus Mundus Master Course in Chemical Innovation and Regulation - <a href="#">EMMC-ChIR</a>
	Water Quality Policies and Regulations (T)	<i>Erasmus Mundus</i> Master in Quality in Analytical Laboratories – <a href="#">EMQAL</a>
	Treatment of effluents (Tutorials)	

**Table 2. Post-Graduate Teaching at Host Universities (Erasmus and other Programmes)**

University	Module	Course
<a href="#">University of Wales, Bangor</a>	Coastal Eutrophication (T)	MSc Marine Environmental Protection
<a href="#">University of Portsmouth</a>	Coastal Lagoons (T)	MSc Integrated Coastal Zone Management
<a href="#">University of Portsmouth</a>	Coastal Lagoons (T)	MSc Marine Environmental Studies
<a href="#">University of Gdansk</a>	Coastal Lagoons (T)	MSc Oceanology
<a href="#">University of Szczecin</a>	Eutrophication (T)	MSc Marine Geography
<a href="#">Technical University Czestochowa</a>	Water Quality Policies and Regulations (T)	MSc and PhD Environmental Engineering
<a href="#">Technical University Czestochowa</a>	Water Framework Directive (T)	Various Postgraduate Courses in Engineering
<a href="#">Mohamed V University - AGDA, Morocco</a>	Global Change in Coastal Systems, The coastal Zone as a Socio-Ecological System (T)	MSc in Geosciences, Environment and Sustainable Development
<a href="#">Universidade Federal de São Paulo</a>	Actual Research in Sciences (T)	MSc in Marine Science and Technology
<a href="#">Universidade de Bologna</a>	Global Change and coastal lagoons (T)	PhD students in Environmental Sciences

**Table 3. Post-Graduate Teaching at Host Universities (*Erasmus Mundus* and Other Programmes)**

Academic Year	University	Module	Course
2005-06	University of Bergen	Water Management I (T)	MSc Water Studies
2006-07 2007-08	University of Plymouth	Coastal Management I (T)	MSc Water and Coastal Management
2006-10	University of Cadiz	Coastal Management II (T) Water Management II (T)	MSc Water and Coastal Management
2007-08	University of Eafit	Coastal Lagoons (T)	MSc Geology
2009-10	Gdansk Technical University	Water Quality Policies (T)	<i>Erasmus Mundus</i> Master in quality in analytical laboratories – <a href="#">EMQAL</a>
2010-11	University of Barcelona	Water Quality Policies and Regulations (T)	<i>Erasmus Mundus</i> Master in quality in analytical laboratories – <a href="#">EMQAL</a>
2010-11	University of Cadiz	Freshwater Systems of the World (T) EU Policies and Water Framework Directive (T) Coasts of the World (T) Coastal Lagoons (T) Communicating Science (T) Eutrophication (T)	<i>Erasmus Mundus</i> Master Course – Water and Coastal Management - <a href="#">WACOMA</a>
2011-12	University of Cadiz	Freshwater Systems of the World (T) EU Policies and Water Framework Directive (T) Coasts of the World (T) Coastal Lagoons (T) Communicating Science (T) Eutrophication (T)	<i>Erasmus Mundus</i> Master Course – Water and Coastal Management - <a href="#">WACOMA</a>
2011-12	University of Barcelona	Water Quality Policies and Regulations (T)	<i>Erasmus Mundus</i> Master in quality in analytical laboratories – <a href="#">EMQAL</a>

**Table 3. Post-Graduate Teaching at Host Universities (*Erasmus Mundus* and Other Programmes)**

2012-13	University of Cadiz	Water Quality Policies and Regulations (T)	<i>Erasmus Mundus</i> Master in quality in analytical laboratories – <a href="#">EMQAL</a>
2012-13	University of Cadiz	Freshwater Systems of the World (T) EU Policies and Water Framework Directive (T) Coasts of the World (T) Coastal Lagoons (T) Communicating Science (T) Eutrophication (T)	<i>Erasmus Mundus</i> Master Course – Water and Coastal Management - <a href="#">WACOMA</a>
2012-13	Universidade Santa Cecília	Coastal Management for Sustainability (T)	MSc in Sustainability and Environmental Monitoring
2013-14	University of Barcelona	Water Quality Policies and Regulations (T)	<i>Erasmus Mundus</i> Master in Quality in analytical laboratories – <a href="#">EMQAL</a>
2013-14	University of Cadiz	Coastal Systems of the World (T) Freshwater Systems of the World (T)	<i>Erasmus Mundus</i> Master Course – Water and Coastal Management - <a href="#">WACOMA</a>
2014-15	University of Bergen	Water Quality Policies and Regulations (T)	<i>Erasmus Mundus</i> Master in Quality in analytical laboratories – <a href="#">EMQAL</a>
2014-15	University of Barcelona	Priority Substances (T)	<i>Erasmus Mundus</i> Master Course in Chemical Innovation and Regulation - <a href="#">EMMC-ChIR</a>
2014-15	University of Cadiz	Coastal Systems of the World (T) Freshwater Systems of the World (T)	<i>Erasmus Mundus</i> Master Course – Water and Coastal Management - <a href="#">WACOMA</a>
		Introduction to Research Method (T)	<i>Erasmus Mundus</i> PhD in Marine in Coastal Management <a href="#">MACOMA</a>
2014/15	University of Cadiz	Coastal Systems of the World (T)	<i>Erasmus Mundus</i> Master Course – Water and

**Table 3. Post-Graduate Teaching at Host Universities (*Erasmus Mundus* and Other Programmes)**

		Freshwater Systems of the World (T)	Coastal Management - <a href="#">WACOMA</a>
		Introduction to Research Method (T)	<i>Erasmus Mundus</i> PhD in Marine in Coastal Management <a href="#">MACOMA</a>
2014/15	<a href="#">University of Bergen</a>	Water Quality Policies and Regulations (T)	<i>Erasmus Mundus</i> Master in quality in analytical laboratories – <a href="#">EMQAL</a>
2014/15	<a href="#">University of Barcelona</a>	Priority Substances (T)	<i>Erasmus Mundus</i> Master Course in Chemical Innovation and Regulation - <a href="#">EMMC-ChIR</a>
2015/16	<a href="#">University of Cadiz</a>	Coastal Systems of the World (T) Freshwater Systems of the World (T)	<i>Erasmus Mundus</i> Master Course – Water and Coastal Management - <a href="#">WACOMA</a>
		Introduction to Research Method (T)	<i>Erasmus Mundus</i> PhD in Marine in Coastal Management <a href="#">MACOMA</a>
	<a href="#">University of Bologna</a>	Priority Substances (T)	<i>Erasmus Mundus</i> Master Course in Chemical Innovation and Regulation - <a href="#">EMMC-ChIR</a>
	<a href="#">Gdansk University of Technology</a>	Water Quality Policies and Regulations (T)	<i>Erasmus Mundus</i> Master in quality in analytical laboratories – <a href="#">EMQAL</a>
2016/17	<a href="#">University of Cadiz</a>	Coastal Systems of the World (T) Freshwater Systems of the World (T)	<i>Erasmus Mundus</i> Master Course – Water and Coastal Management - <a href="#">WACOMA</a>
		Introduction to Research Method (T)	<i>Erasmus Mundus</i> PhD in Marine in Coastal Management <a href="#">MACOMA</a>



## 2. SUPERVISION OF RESEARCHERS

**Table 4. Supervision of Postdoctoral Scientists**

- 1 **Gloria Pereira.** *Phytoplankton Pigment in the Ria Formosa Lagoon.* Fundação da Ciência e da Tecnologia, Portugal. Postdoctoral Fellowship. Year: 2000.
- 2 **Rubina Rodrigues.** *Primary Production in the Ria Formosa Lagoon.* Fundação da Ciência e da Tecnologia, Portugal. Postdoctoral Fellowship. Year: 2000.
- 3 **Slava Suslin.** *MERIS Remote Sensing of Ocean Colour.* Erasmus Mundus External Cooperation Window. Postdoctoral Fellowship. Year: 2008.
- 4 **Tanya Chrurilova.** *Sea Truthing of Ocean Colour using Phytoplankton Pigments.* Erasmus Mundus External Cooperation Window. Postdoctoral Fellowship. Year: 2008.
- 5 **Alexey Kontar.** *Groundwater-Seawater Interactions in the Ria Formosa Lagoon.* Erasmus Mundus External Cooperation Window. Postdoctoral Fellowship. Year: 2009.
- 6 **Miguel Canedo Arguelles.** SPICOSA Project - Science and Policy Integration for Coastal System Assessment. Academic Development. Year: 2010.
- 7 **Ana Cristina Florindo de Brito.** *Dynamics of Phytoplankton Community through Remote Sensing: an Assessment of Eutrophication Processes and Environmental Quality.* Fundação da Ciência e da Tecnologia, Portugal. Postdoctoral Fellowship. Year: 2013.

**Table 5. Supervision and Examination of Doctoral Candidates**

- 1 **Robert Armic-Sponza.** *Impact of Urban Waste Water Treatment Plant Effluent on the Water Quality of the Ria Formosa.* ERASMUS PhD. Year: 2005.
- 2 **Sofia Loureiro.** *Primary Production in Naturally Eutrophic (upwelling) Coastal Waters and Coastal Lagoon Waters Subject to Anthropogenic Eutrophication.* ERASMUS PhD. Year: 2006.
- 3 **Lea Roseli.** *Spatial and Temporal Variability in Transitional Water Ecosystems. Hydrological Conditions, Nutrient Dynamics and Water Quality of Two Mediterranean Coastal Lagoons (Lesina and Varano, Italy).* ERASMUS PhD. Year: 2009.
- 4 **Miguel Canedo Arguelles.** *Ecology of Macroinvertebrate Communities in Transitional Waters.* ERASMUS PhD. Year: 2009.
- 5 **Ana Cristina Florindo de Brito.** *The Development of an Assimilative Capacity Model for the Sustainable Management of Nutrients Within the Ria Formosa.* ERASMUS PhD. Year: 2009.
- 6 **Pilar Puyana Sandoval (resigned for health reasons)** *Water Quality Impacts on Bivalve Aquaculture in Naturally Eutrophic (upwelling) Coastal Waters and Coastal Lagoon Waters*

**Table 5. Supervision and Examination of Doctoral Candidates**

*Subject to Anthropogenic Eutrophication. ERASMUS PhD Student.*

- 7 **Anna Gladkikh.** *Cyanobacterial Communities in Biofilms and Plankton of Littoral Zone of Lake Baikal.* ERASMUS PhD Student. Year: 2012.
- 8 **Prabath Jayasinghe.** *Marine Biodiversity and Good Environmental Status.* Erasmus Mundus Joint Doctorate MACOMA. Year: 2015.
- 9 **Sirak Robele Gari.** *Approaches to the Management of Socio-ecological Systems.* Erasmus Mundus Joint Doctorate MACOMA. Year: 2015.
- 10 **Vera Semeoshenkova.** *Integrated Beach Assessment and Management.* Erasmus Mundus Joint Doctorate MACOMA. Year: 2016.
- 11 **Sónia Cláudia Vitorino Cristina.** *Optical Properties of the Ocean and Coastal Waters in the Southwest Coast of Portugal Using Satellite Ocean Colour Remote Sensing Data.* Erasmus Mundus Joint Doctorate MACOMA, Funded by Fundação Ciência e Tecnologia, Portugal. Year: 2016.
- 12 **Priscila Raquel Fernandes Costa Goela.** *Spectral Signature of Phytoplankton Communities in Southwest Coast of Portugal: Impact on Remote Sensing Data.* Erasmus Mundus Joint Doctorate MACOMA, Funded by Fundação Ciência e Tecnologia, Portugal. Year: 2016.
- 13 **Kateryna Ivaneva (Y3).** *Meiobenthos Communities in Hypoxic Sediments of Ria Formosa Lagoon.*(Ongoing)
- 14 **Andressa Mansur (Y3).** *Assessment and management of vulnerability of Amazon Delta.* Erasmus Mundus Joint Doctorate MACOMA. (Ongoing)
- 15 **Baravi Thaman (Y3).** *Sustainable management of small tropical islands.* Erasmus Mundus Joint Doctorate MACOMA. (Ongoing)
- 16 **Bruno Fragoso (Y3).** *Management of an offshore bivalve aquaculture in a Marine National Park in Portugal.* Erasmus Mundus Joint Doctorate MACOMA. (Ongoing)
- 17 **Sergei Danchenko (Y3).** *Innovative tools for the assessment of phytoplankton biodiversity* Erasmus Mundus Joint Doctorate MACOMA. (Ongoing)
- 18 **Margaret Awuor Owuor (Y3).** *Application of the ecosystem service approach tools to the management and conservation of mangroves along the Kenya Coast: case of Watamu Marine Park.* Erasmus Mundus Joint Doctorate MACOMA. (Ongoing)
- 19 **Arthur Omondi Tuda (Y2).** *Assessing the influence of marine conservation regimes on adaptive co-management processes in East Africa.* Erasmus Mundus Joint Doctorate MACOMA. (Ongoing)
- 20 **Leonardo Guillermo Berninsone (Y1).** *Integrated Coastal Management in the Province of Buenos Aires, Argentina.*

## Table 5. Supervision and Examination of Doctoral Candidates

*Erasmus Mundus* Joint Doctorate MACOMA. (Ongoing)

## Table 6. Supervision and Examination of Master Students

- 1 **Clarke, S.** (Co-supervisor)  
*Nutrients in the Ancão Basin and Western Channels of the Ria Formosa, Portugal.* MSc Marine Environmental Protection, University of Wales, Bangor. Year: 2001.
- 2 **Cullen, L.** (Co-supervisor)  
*Biochemical Oxygen Demand and Dissolved Oxygen in the Western Area of the Ria Formosa lagoon, Portugal.* MSc Marine Environmental Protection, University of Wales, Bangor. Year: 2001.
- 3 **Lencart e Silva, J.** (Co-supervisor)  
*Exchange Processes Between the Atlantic Ocean and the Ria Formosa.* MSc Marine Environmental Protection, University of Wales, Bangor. 74 pp. Year: 2001.
- 4 **Unsworth, R.** (Co-supervisor)  
*Sedimentary Lipid and PAH Biomarkers as Temporal Indicators of Change Within the Western Area of the Ria Formosa Lagoon, Portugal.* MSc Marine Environmental Protection, University of Wales, Bangor. 89 pp. Year: 2001.
- 5 **Booth, S.** (Co-supervisor)  
*Dissolved Oxygen Concentrations and Sediment Quality in Relation to Habitat Mapped Using LANDTAT 7 Images of the Ria Formosa Lagoon, Southern Portugal.* MSc Marine Environmental Protection, University of Wales, Bangor. Year: 2002.
- 6 **Duce, C.** (Co-supervisor)  
*Sources and Transport of Organic Matter in the Ria Formosa Lagoon, Portugal.* MSc Marine Environmental Protection, University of Wales, Bangor. 92 pp. Year: 2002.
- 7 **Fletcher, M.** (Co-supervisor)  
*Nutrient Flux Dynamics in the Ancao Basin in Relation to Sediment Community Types in the Ria Formosa lagoon, Portugal.* MSc Marine Environmental Protection, University of Wales, Bangor 145 pp. Year: 2002.
- 8 **Tunstill, L.** (Co-supervisor)  
*Dissolved Oxygen Concentrations and Biochemical Oxygen Demand in the Ria Formosa Lagoon, Portugal.* MSc Marine Environmental Protection, University of Wales, Bangor. 145 pp. Year: 2002.
- 9 **Elizabeth Hewitt** (Co-supervisor)  
*Meiofauna and Multidimensional Environmental Gradients in the Ria Formosa Lagoon, Portugal.* MSc Marine Environmental Protection, University of Wales, Bangor. Year: 2004.
- 10 **Maria Helena P.C. Neves** (Co-supervisor)  
*Sediment-Water Fluxes of Oxygen in Intertidal Areas of Ria Formosa Coastal Lagoon (South of Portugal).* MSc Marine Environmental Protection, University of Wales, Bangor. Year: 2004.

## Table 6. Supervision and Examination of Master Students

- 11 Ruth Sharratt** (Co-supervisor)  
*An Analysis of Phytoplankton Communities in the Ria Formosa, Portugal.* MSc Marine Environmental Protection, University of Wales, Bangor. Year: 2004.
- 12 Lee Gordon Murray** (Co-supervisor)  
*The Role of Sediment-Seawater Interaction in the Nutrient Dynamics of the Ancão Basin, Ria Formosa, Portugal.* MSc Marine Environmental Protection, University of Wales, Bangor. Year: 2005.
- 13 David Megson** (Co-supervisor)  
*Environmental Forensics of the Esteiro de Maria Rosa.* MSc Marine Environmental Protection, University of Wales, Bangor. Year: 2006.
- 14 Daniel Wayland** (Co-supervisor)  
*Environmental Forensics of the Esteiro de Maria Rosa.* MSc Marine Environmental Protection, University of Wales, Bangor. Year: 2006.
- 15 Thomas Chevalier** (Supervisor)  
*Research and Management of European Lagoons.* Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2007.
- 16 Subramanian Karuppiiah** (Co-supervisor)  
*Requirements for Innovative Curricula Development to the Post-graduate Professional on ICZM in India.* Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2007.
- 17 Jian Su** (Co-supervisor)  
*Biogeochemical Model LOICZ Approach on Ria Formosa Lagoon, Algarve, South Portugal.* Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2007.
- 18 Dong Zhang** (Co-supervisor)  
*The Ecological Model on the Growth of Porphyra Haitanensis.* Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2007.
- 19 Yongjin Xiao** (Co-supervisor)  
*Trophic Assessment in Chinese Coastal Systems.* Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2007.
- 20 Yustina Kiwango** (Co-supervisor)  
*The Role of Papyrus Wetlands and Internal Waves in the Nutrient Mass Balance of Lake Victoria, East Africa.* Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2007.
- 21 Ganapuram Sreedhar** (Co-supervisor)  
*Typology of coasts of Southern India.* Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2007.
- 22 Benjamin John Tomlinson** (Co-supervisor)  
*The Cultural and Socio-Economic Impacts of Marine Protected Areas in Catalonia.*

**Table 6. Supervision and Examination of Master Students**

- Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2007.*
- 23 Prabath Jayasinghe** (Co-supervisor)  
*Valuing Water in a Irrigated Agriculture and Reservoir Fisheries in a Reservoir in Sri Lanka. Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2007.*
- 24 Laishalla Seeram** (Supervisor)  
*Evaluation of Coastal Lagoon Ecosystems Based on the Level of Human Development. Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2008.*
- 25 Charu Lata Sing** (Co-supervisor)  
*Assessment of the Ecological Quality Status of the Rocky Shores in Algarve (application of P-MarMAT) and Implementation of WFD. Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2008.*
- 26 Elena Plink** (Co-supervisor)  
*Development of Sustainability of Coastal Activities Through ICM Process: The Case of Conil Municipality. Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2008.*
- 27 Girija Parvatkar** (Co-supervisor)  
*Macroalgae as a Biological Quality Element for the Assessment of Ecological Status of Coastal Waters. Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2008.*
- 28 Maria Cortez Ramos Cimas** (Co-supervisor)  
*Assessment of the Non-Indigenous Species in Ria Formosa. Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2008*
- 29 Patricia Gracia Marin** (Co-supervisor)  
*Defining Seagrass Ecological Status in Ria Formosa Under the EU Water Framework Directive. Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2008.*
- 30 Ramilla Furtado**(Co-supervisor)  
*To Test Several Bio-assessment Methodologies to Assess the Ecological Quality Status (EQS) of Ria Formosa, Using Macrobenthos. Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2008.*
- 31 Astrid Meija** (Supervisor)  
*Study of Water Consumption by the International Tourism Sector in Southwest Europe. A Case Study in the Algarve, Portugal. Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2009.*
- 32 Yunjun Xu** (Supervisor)  
*Eutrophication Assessment in China's Coastal Waters. Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2009.*

**Table 6. Supervision and Examination of Master Students**

- 33 Shimeles M. Kebede** (Co-supervisor)  
*DPSIR Framework Application Supported by Integrated Watershed Modeling for Irrigated Agriculture from Alqueva Dam (Portugal) on Guadiana River Estuary.*  
Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2009.
- 34 Claudio Silva** (Co-supervisor)  
*Modelling of Productivity, Water Quality Effects and Profit Optimization of Pacific Oyster (CRASSOSTREA GIGAS) Farms: Application of Farm Model in the Valdivia Estuary of Chile.*  
Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2009.
- 35 Jeffrey Rempell** (Co-supervisor)  
*Sustainability in Coastal Tourism Using DPSIR with Community Perception to Manage Complexity in an Adaptive Social-Ecological System.* Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2009.
- 36 Kitima Inthisang** (Supervisor)  
*Beach Litter Management: Plastic Litter in Mu Ko Chang MNPs, TRAT, Thailand.* Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2009.
- 37 Sirak Robele Gari** (Co-supervisor)  
*Eutrophication Assessment of Transitional Waters.* Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2010.
- 38 Jing Feng** (Co-supervisor)  
*Comparison of Methods of Eutrophication Assessment in a Coastal Lagoon.* Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2010.
- 39 Aikayo Ndui** (Co-supervisor)  
*Assessment of Sea Surface Temperatures (SSTs), Seasonal Upwelling and Rainfall.* Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2010.
- 40 Qingchuan Qiu** (Co-supervisor)  
*Priority Substances in Coastal and Transitional Waters.* Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2010.
- 41 Ivan Sekovski** (Co-supervisor)  
*Vulnerability of Coastal Systems and Hazards to Society.* Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2010.
- 42 Jonelle Rene Jones** (Co-supervisor)  
*Human Influences on the River Basin Coastal Zone Interactions.* Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2010.
- 43 Christina Alzira Rumilda de Souza** (Co-supervisor)  
*Biogeochemical Cycles in Coastal and Shelf.* Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2010.

**Table 6. Supervision and Examination of Master Students**

- 44 Clarissa Cavalheiro Skrepnek (Co-supervisor)**  
*Towards Coastal System Sustainability by Managing Land-Ocean Interaction. Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2010.*
- 45 Jeneen Reyes Garcia (Co-supervisor)**  
*Linking Social and Ecological Systems in the Coastal Zone. Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2010.*
- 46 Carlos Francisco Castellanos Perez Bolde (Co-supervisor)**  
*Linking Governance and Science in Coastal Regions. Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2010.*
- 47 Daniel Augusta Zacarias (Co-supervisor)**  
*Tourism Carrying Capacity of Mass Tourism Sites as a Mean for Coastal Management: a Case Study of Beaches. Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2010.*
- 48 Vera Semeoshenkova (Co-supervisor)**  
*Beach Quality Assessment and Management. Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2010.*
- 49 Andressa Mansur (Co-supervisor)**  
*Multicriterion Index of Estuarine Vulnerability. Erasmus Mundus Master Course Ecohydrology, University of Algarve. Year: 2012.*
- 50 Miguel Inácio (Supervisor)**  
*Biodiversity Descriptor of Marine Strategy Framework Directive in an upwelling zone. Erasmus Mundus Master Course Marine Biodiversity and Conservation, University of Algarve. Year: 2013.*
- 51 Nancy Odur (Co-supervisor)**  
*Comparison of Natural and Anthropogenic Eutrophication. Erasmus Mundus Master Course Marine Biodiversity and Conservation, University of Algarve. Universidade do Algarve. Year: 2015.*
- 52 Leonardo Berninsone (Co-supervisor)**  
*Strategies for minimizing cetacean bycatches Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2015.*
- 53 Shahinul Islam (Co-supervisor)**  
*Contribution of civil construction structures to flooding of Bangladesh Polders. Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: 2015.*
- 54 Shuhao Li (Co-supervisor)**  
*Management of vulnerability to flooding of Shanghai, a megacity in the coastal zone. Erasmus Mundus Master Course Water and Coastal Management, University of Algarve. Year: Ongoing.*

**Table 7. Supervision and Examination of First Cycle Research Projects**

- 1 Alexandra Afonso** (Supervisor)  
*Produtividade Primária no Sistema de Upwelling na Costa Vicentina. Primary Productivity in the Upwelling System in Vicent Coast.*  
Degree in Marine Biology and Fisheries, University of Algarve. Year: 1998.
- 2 Craig Watson** (Co-Supervisor)  
*Impact of Eutrophication in the Ria Formosa.*  
Degree in Biology of Water Resource Management, University of Napier. Year: 2001.
- 3 Pedro Oliveira** (Supervisor)  
*Oxigénio Dissolvido na Ria Formosa. Dissolved Oxygen in Ria Formosa.*  
Degree in Oceanography, University of Algarve. Year: 2005.
- 4 Priscila Goela Costa** (Supervisor)  
*Estudo Teórico do Plano de Monitorização da Ria Formosa. Theoretical Study of the Monitoring Plan of the Ria Formosa.*  
Degree in Chemistry, University of Algarve. Year: 2005.
- 5 João Mimoso** (Supervisor)  
*Avaliação da Eficiência dos Processos Unitários Envolvidos no Tratamento de Água na ETA do ROXO. Evaluation of Efficiency of the Involved Unit Processes in Water Treatment of ROXO.*  
Degree in Physics and Chemistry, University of Algarve. Year: 2006.
- 6 Javier Simancas de Lemus** (Supervisor)  
*Elección de Estaciones de Recogida de Agua Para la Directiva Marco del Agua Mediante Métodos Estadísticos.*  
Degree in Chemistry, University of Algarve. Year: 2009.
- 7 Carla Mestre** (Supervisor)  
*Efeito da Ressuspensão de Sedimento na Concentração do Oxigénio Dissolvido na Ria Formosa. Effect of Sediment Resuspension in the Concentration of Dissolved Oxygen in the Ria Formosa.*  
Degree in Physics and Chemistry, University of Algarve. Year: 2010.
- 8 Luísa Amaro da Silveira** (Supervisor)  
*Efeitos da Ressuspensão de Sedimento na Concentração de Nutrientes na Ria Formosa. Effect of Sediment Resuspension in the Concentration of Nutrients in the Ria Formosa.*  
Degree in Chemistry, University of Algarve. Year: 2013.

**Table 8. Participation in Other Academic Examiners Boards**

- 1 Alexandra Cravo.** PhD in Oceanography. University of Algarve. Year: 1996.
- 2 Dalila Serpa.** MSc in Ecology, Management and Modeling of Marine Resources. Universidade of Coimbra. Year: 2006.
- 3 Serah Munguti.** MSc in Water and Coastal Management. University of Cadiz. Year: 2006.
- 4 Fraddy D'Souza.** MSc in Water and Coastal Management. University of Cadiz. Year: 2006.



### Table 8. Participation in Other Academic Examiners Boards

- 5 **Rodrigo Choueri.** MSc in Water and Coastal Management. University of Cadiz. Year: 2006.
- 6 **Venkata Ravi.** MSc in Water and Coastal Management. University of Cadiz. Year: 2007.
- 7 **Min Jet.** MSc in Water and Coastal Management. University of Cadiz. Year: 2007.
- 8 **Sarah Wibrow.** MSc in Water and Coastal Management. University of Cadiz. Year: 2007.
- 9 **Valentina Villoria.** MSc in Water and Coastal Management. University of Cadiz. Year: 2007.
- 10 **Rommel Maneja.** MSc in Water and Coastal Management. University of Cadiz. Year: 2007.
- 11 **Ahmad Haminov.** MSc in Water and Coastal Management. University of Cadiz. Year: 2007.
- 12 **Faye Brinkman.** MSc in Water and Coastal Management. University of Cadiz. Year: 2007.
- 13 **Miguel Canedo.** *Ecology of Macroinvertebrate Communities in Transitional Waters. ERASMUS* PhD. Year: 2009.
- 14 **Suruj Rakesh Babwah.** MSc in Water and Coastal Management. University of Algarve. Year: 2011.
- 15 **Saber Elwany.** MSc in Quality in Analytical Laboratories. Year: 2014.
- 16 **Mohamed.** PhD Universite de Nantes Year: 2016.

## 3. CAPACITY BUILDING IN HIGHER EDUCATION

### Table 9. Capacity Building in Higher Education

- 1 **Universidad Catolica de la Santissima Concepcion**  
9<sup>th</sup>-12<sup>th</sup> de May 2005, Concepcion, Chile  
4 day Capacity Building course for teaching academic staff in higher education  
*Networking Universities*  
*Development of Joint Curricula*  
Ministry of Science and Education, Spain
- 2 **Universidad de Cadiz**  
26<sup>th</sup>-30<sup>th</sup> June 2006, Cadiz, Spain  
5 day Capacity Building Course for teaching academic staff in Higher Education  
*International courses development and teaching*  
Ministry of Science and Education, Spain
- 3 **Universidad de Cordoba**  
February 2009, Cordoba, Spain  
3 day Capacity Building Course for teaching academic staff in Higher Education  
*International courses development and teaching*

**Table 9. Capacity Building in Higher Education**

- Ministry of Science and Education, Spain
- 4 **Pontificia Universidad Javeriana, Bogota**  
29<sup>th</sup>-30<sup>th</sup> November 2010, Bogotá, Colombia  
2 day Capacity Building Course for teaching academic staff in Higher Education  
*Framework Programme FP7 Thematic Workshop: Environment (including Climate Change)*  
Ministry of Science and Education, Spain
  - 5 **University of Czestochowa**  
12<sup>th</sup>-13<sup>th</sup> May 2011, Poland  
2 day Capacity Building Course for teaching academic staff in Higher Education Water  
Framework Directive  
Ministry of Science and Education, Poland
  - 6 **Universidad Nacional del Sur**  
15<sup>th</sup> -17<sup>th</sup> July 2014, Argentina  
3 day Capacity Building workshop on Adaptive management frameworks for coastal  
social-ecological systems.  
Postgraduates, post-doctoral researchers and senior researchers.  
CONICET  
Instituto Argentino de Oceanografia
  - 7 **Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences**  
22<sup>nd</sup> August 2015, Yantai, China  
Capacity Building workshop on Adaptive management frameworks for coastal social-  
ecological systems.  
Postgraduates, post-doctoral researchers and senior researchers
  - 8 **Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences**  
August 2016, Yantai, China  
Capacity Building workshop on Adaptive management frameworks for coastal social-  
ecological systems.  
Postgraduates, post-doctoral researchers and senior researchers
  - 9 **University of Gothenburg**  
October 5<sup>th</sup>, 2016, Göteborg, Sweden  
Workshop: *Vitalising a new marine department?*  
Circa 100 Academic Staff

#### 4. QUALITY ASSURANCE IN HIGHER EDUCATION

Table 10. Quality Assurance in Higher Education

DATE	DESIGNATION
09/2007	<i>ERASMUS MUNDUS</i> Master in Water and Coastal Management, Algarve, Portugal First international Quality Assurance exercise <b>Coordinator</b>
10/2008	PROJECT EMIS - <i>ERASMUS MUNDUS</i> ACTION 4, Brussels EMIS PROJECT – European universities international services in the <i>Erasmus Mundus</i> framework <b>Evaluator</b>
07/2009	Quality Assurance Meeting of <i>Erasmus Mundus</i> Master Programme on Quality in Analytical Laboratories. University of Gdansk, Poland <b>External Examiner for Quality Assurance</b>
05/2010	Quality Assurance Meeting of <i>Erasmus Mundus</i> Master Programme on Quality in Analytical Laboratories. University of Barcelona, Spain <b>External Examiner for Quality Assurance</b>
07/2011	Quality Assurance Meeting of <i>Erasmus Mundus</i> Master Programme on Quality in Analytical Laboratories. University of Algarve, Portugal <b>External Examiner for Quality Assurance</b>
07/2012	Quality Assurance Meeting of <i>Erasmus Mundus</i> Master Programme on Quality in Analytical Laboratories. University of Algarve, Portugal <b>External Examiner for Quality Assurance</b>
06/2013	Programme Committee Meeting of <i>Erasmus Mundus</i> Master Programme on Chemical innovation and Regulation. University of Algarve, Portugal <b>External Examiner for Quality Assurance</b>
07/2013	Quality Assurance Meeting of <i>Erasmus Mundus</i> Master Programme on Quality in Analytical Laboratories. University of Barcelona, Spain <b>External Examiner for Quality Assurance</b>
07/2014	Quality Assurance Meeting of <i>Erasmus Mundus</i> Master Programme on Chemical Innovation and Regulation. University of Barcelona, Spain <b>External Examiner for Quality Assurance</b>
06/2015	Quality Assurance Meeting of <i>Erasmus Mundus</i> Master Programme on Chemical Innovation and Regulation. University of Barcelona, Spain <b>External Examiner for Quality Assurance</b>
07/2016	Quality Assurance Meeting of <i>Erasmus Mundus</i> Master Programme on Quality in Analytical Laboratories. University of Algarve, Portugal <b>External Examiner for Quality Assurance</b>

## 5. RESEARCH ACTIVITIES

Table 11. Evaluation of Research Projects

RESEARCH PROJECTS	
1	<a href="#"><u>6<sup>th</sup> Framework programme</u></a> Evaluator of research proposals (Environment and Climate Change)
2	<a href="#"><u>7<sup>th</sup> Framework programme</u></a> Evaluator of research proposals (Environment and Climate Change) 2015, 2016
3	<a href="#"><u>Marie-Curie programme</u></a> Evaluator of research training network proposals
4	<a href="#"><u>Marie-Curie programme</u></a> Evaluator of research fellowship proposals
5	<a href="#"><u>National Research Council UK</u></a> Evaluator of research proposals
6	<a href="#"><u>European Science Foundation</u></a> Evaluator of research proposals
7	<a href="#"><u>Fundação da Ciência e da Tecnologia Portugal</u></a> Evaluator of research proposals
8	<a href="#"><u>Irish Research Council</u></a> Evaluator of research proposals
9	<a href="#"><u>Asia-Pacific Network</u></a> Evaluator of research proposals
10	<a href="#"><u>IPPC-Intergovernmental Panel on Climate Change</u></a> Text review
11	<a href="#"><u>GEO-Global Environmental Outlook UNEP United Nations Environment</u></a> Text review
12	<a href="#"><u>MARTEC - Maritime Technology ERA-NET</u></a> Evaluator of research proposals
13	<a href="#"><u>National Science Centre (Narodowe Centrum Nauki) – NCN</u></a> Poland. Evaluator of research proposals
14	<a href="#"><u>Ministry of Education, Youth and Sports of the Czech Republic</u></a> External reviewer of research infrastructure proposals
15	<a href="#"><u>Swedish Remote Sensing Research Programme</u></a> Evaluator of research proposal 2016

Table 12. Participation in National Scientific Research Projects

NATIONAL SCIENTIFIC RESEARCH PROJECTS	
1	<b>1999-2002: <i>Upwelling and Productivity of the Cape St Vincent Coast</i></b> <a href="#"><u>FCT</u></a> - Fundação da Ciência e da Tecnologia (Partner in coordinating institution)
2	<b>2004-2005: <i>Monitoring of Portuguese Transition and Coastal Waters</i></b> ( <a href="#"><u>MONAE</u></a> ): <a href="#"><u>INAG</u></a> – Water Institute (Partner in coordinating institution)

**Table 12. Participation in National Scientific Research Projects**

- 3 **2005-2007:** *Reference Conditions and Intercalibration of Portuguese Transitional and Coastal Waters* (RECITAL):  
[INAG](#)- Water Institute  
(Coordinator)
- 4 **2008- 2011:** RECONNECT- *Reference Conditions for Portuguese Transitional Waters*  
[FCT](#) - Fundação Ciência e Tecnologia  
(Partner in coordinating institution)
- 5 **2008- 2011:** EMAA- *European Management and Aquatic Assessment*  
[INAG](#) – Water Institute  
(Partner in the project)
- 6 **2009- 2012:** *Marine Strategy Framework Directive harmonization for the North Sea*  
[KLIF](#) - Climate change and Pollution Directorate, Norway  
(Partner of the expert group)
- 7 **2011- Ongoing:** *Sedimentological and Morphological Response of Coastal Lagoons to a Changing Sea-level – A global Approach*  
[Danish Science Foundation](#)  
(Partner)
- 8 **2011- 2012:** *Application of Rocktrom’s Rosette to Arctic Coasts*  
[FRAM](#)-High North Research Centre for Climate and the Environment  
(Partner)
- 9 **2012 - 2016:** Norwegian Research Council Project - *Development Of innovative Tools for understanding marine biodiversity and assessing good Environmental Status in Norway*  
[RCN](#) – Research Council of Norway  
(DEVOTES-NO)  
(Coordinator of the project)
- 10 **2015-2017:** [VISTA](#) Project - *Impacts of drilling mud and drill cuttings on sediment-water biogeochemical fluxes, oxygen regime and benthic communities.*  
[Statoil](#)  
(Coordinator)
- 11 **2015-2016:** [Sophia](#) Project – *Knowledge for marine environmental management.*  
EEA Grants ([European Economic Area Grants](#))  
(Partner)

**Table 13. Participation in International Scientific Research Projects**

PARTICIPATION IN INTERNATIONAL SCIENTIFIC RESEARCH PROJECTS	
1	<b>2000-2003:</b> <i>Oceanographic applications to eutrophication in regions of restricted exchange</i> ( <a href="#">OAERRE</a> ) EU contract number (EVK3-CT-1999-00002) (Partner in the project)
2	<b>2004-</b> Member of <a href="#">IAPSO-IAHS</a> * <i>Joint Commission on Groundwater-Seawater Interactions</i> *International Association for the Physical Sciences of the Oceans *International Association of Hydrological Sciences
3	<b>2004-</b> Member of <i>Land Ocean Interactions with the Coastal Zone</i> ( <a href="#">LOICZ</a> ) Science Steering Committee LOICZ is a core project of the IGBP-IHDP Programmes of the International Council for Science ( <a href="#">ICSU</a> ) <b>2005-</b> Member of the LOICZ science executive committee <b>2009-2011</b> – Chairperson of LOICZ
4	<b>2004-2007:</b> 6th Framework Programme European Coordinating Action Project ENCORA Developed the <a href="#">Coastal Wiki</a> Member of the Capacity Building project: Education & Training in ICZM
5	<b>2004-2007:</b> 6th Framework Programme STREP Project - <i>Ecosystem Approach to Sustainable Aquaculture</i> ( <a href="#">ECASA</a> ) (Partner in the project)
6	<b>2006-2011:</b> 6th Framework Programme Project - <i>Science and Policy Integration for Coastal System Assessment</i> ( <a href="#">SPICOSA</a> ) EU contract number (F6-2005-GLOBAL-0369922) (Partner in the project)
7	<b>2009- 2011</b> Member of <i>International Geosphere-Biosphere Programme</i> ( <a href="#">IGBP</a> ) (Science steering committee as core project chairperson)
8	<b>2009-2011</b> Member of <i>International Human Dimensions Programme on Global Environmental Change</i> ( <a href="#">IHDP</a> ) (Science Steering Committee as core project Chairperson)
9	<b>2008-2012:</b> <i>Seatruthing and calibration of Chlorophyll for MERIS (Medium Resolution Imaging Spectrometer) remote-sensed images</i> (ESAGRES). <a href="#">ESA</a> -European Space Agency (Partner in the project)
10	<b>2008- 2012:</b> 7th Framework Programme Project - <i>Water bodies in Europe: Integrative Systems to assess Ecological status and Recovery</i> ( <a href="#">WISER</a> ) (Partner in the project)
11	<b>2009-2013:</b> 7th Framework Programme Project - <i>Knowledge-based Sustainable Management for Europe's Seas Project</i> ( <a href="#">KnowSeas</a> ) Development of advanced ecosystem models and methodologies for the management and the sustainable use of marine resources.

**Table 13. Participation in International Scientific Research Projects**

PARTICIPATION IN INTERNATIONAL SCIENTIFIC RESEARCH PROJECTS	
	(Partner in the project)
<b>12</b>	<b>2009–2012:</b> <i>Comprehensive Atmospheric Monitoring Programme</i> ( <a href="#">OSPAR-CAMP</a> ) (Coordinator)
<b>13</b>	<b>2011–2012:</b> Sensitivity of Coastal Lagoon Ecosystems to Climate and Related Global Changes: Developing a North African Lagoons Network ( <a href="#">MaghLag</a> ) Funded by Grants for Global Environmental Change Research in Africa <a href="#">START</a> -global change System for Analysis, Research and Training. (Partner in the project)
<b>14</b>	<b>2012 – 2015:</b> 7th Framework Programme Project – <i>Community Based Management of Environmental Challenges in Latin America</i> ( <a href="#">COMET-LA</a> ) (Work package leader and partner in the project)
<b>15</b>	<b>2012 - 2016:</b> 7th Framework Programme Project - <i>Development Of innovative Tools for understanding marine biodiversity and assessing good Environmental Status</i> ( <a href="#">DEVOTES</a> ) (Work package leader and partner in the project)
<b>16</b>	<b>2013-2014:</b> EEA bilateral (Norway-Portugal) grants funding mechanism (004/TSC/FBR/2013 - OC-ENV: Ocean Colour applications to ENVironmental management) <a href="#">Ocean Colour Portugal</a> (Partner in the project)
<b>17</b>	<b>2013-2016:</b> Belmont Forum /Coastal Vulnerability Theme G8HORC. Sponsors: FAPESP, ANR, DFG, MoES, JSPS, NERC & ESRC, NSF. G8MUREFU3FP-2201-037. Catalyzing action towards sustainability of deltaic systems with an integrated modelling framework for risk assessment ( <a href="#">DELTAS</a> ) (Partner in the project)
<b>18</b>	<b>2013-2016:</b> Belmont Forum /Coastal Vulnerability Theme G8HORC Sponsors: FAPESP, ANR, DFG, MoES, JSPS, NERC & ESRC, NSF. G8MUREFU3-2201-075. Transformation and Resilience on Urban Coasts ( <a href="#">TRUC</a> ) (Partner in the project)

## 6. PUBLICATIONS

### Table 14. Published Books

- 1 Ferreira, J.G., *et al.* including **Newton, A.**, 2006. *Monitoring plan for water quality and ecology of Portuguese transitional and coastal waters*. Development of Guidelines for the Application of the European Union Water Framework Directive.1.ed. Portugal: INAG – Water Institute, IMAR – Institute of Marine Research.

### Table 15. Published Books Chapters

- 1 Wolanski, E., **Newton, A.**, Rabalais, N., Legrand, C., 2008. *Coastal Zone Management*. In Sven Erik Jørgensen and Brian D. Fath (Editor-in-Chief), *Ecological Engineering, Encyclopedia of Ecology*. Ed. Oxford: Elsevier, pp. 630-637.  
**DOI:** 10.1016/B978-008045405-4.00046-X  
**ISBN:** 978-0-08-045405-4
- 2 Yakushev E.V., **Newton, A.**, 2013. *Introduction: Redox Interfaces in Marine Waters. Chemical Structure of Pelagic Redox Interfaces, Observation and Modelling*. The Handbook of Environmental Chemistry. Ed. SpringerLink, vol. 22, pp. 1-12.  
**DOI:** 10.1007/978-3-642-32125-2  
**ISBN:** 978-3-642-32124-5
- 3 Wolanski, E., **Newton, A.**, Rabalais, N., Legrand, C., 2013. *Coastal Zone Management*. Scott Elias (Editor-in-Chief), *Ecological Engineering, Encyclopedia of Ecology*. Ed. Oxford: Elsevier.  
**ISBN:** 978-0-08-045405-4
- 4 Foufoula-Georgiou, E., Overeem, I., Saito, Y., Dech, S., Kuenzer, C., Goodbred, S., Harrison, I., Anthony, A., Brondizio, E., Hutton, J., Nicholls, R., Matthews, Z., Dearing, A., Lazar, A., Baschieri, A., **Newton, A.**, Ramachandran, R., Renaud, F., Sebesvari, Z., Vorosmarty, C., Tessler, Z., Costa, S., Ahmed, K.M., Rahman, M.M., Lintern, G., Van Cappellen, P., Durr, H., Gao, S., Marchand, M., Bucx, T., Nguyen, V.L., Goichot, M., Paola, C., Mohrig, D. and Twilley, R. 2013. A vision for a coordinated international effort on delta sustainability. In Young, G. and Perillo, G.M.E. (eds.) *Deltas: Landforms, Ecosystems and Human Activities*, IAHS Publication, 358, 3-11. **ISBN Number:** 978-1-907161-36-0

### Table 16. Examples of Newsletters

- European Land Ocean Interaction Studies (ELOISE), 2003:  
[http://www.eloisegroup.org/documents/newsletter\\_june\\_2003.pdf](http://www.eloisegroup.org/documents/newsletter_june_2003.pdf)
- Land-Ocean Interactions in the Coastal Zone (LOICZ) Inprint:  
<http://www.loicz.org/products/publication/newsletter/index.html.en>  
For example, LOICZ 2006:  
<http://projects.csg.uwaterloo.ca/inweh/inweh/content/514/IWLEARN/Outreach/loicz-inprint-2006-2s.html>



- International Geosphere-Biosphere Programme (IGBP):  
<http://www.igbp.net/publications/globalchangemagazine.4.1b8ae20512db692f2a680003617.html>
- The Coastal and Marine Union (EUCC): <http://www.eucc.net/en/news/index.htm>
- Asia-Pacific Network for Global Change Research (APN) [Science Bulletin 2013](#):  
<http://www.apn-gcr.org/resources/items/show/1879>

**Table 17. Published Articles ISI (Institute of Science Index Journal)**

- 1 **Newton, A.**, Mudge, S.M., 2003. *Temperature and salinity regimes in a shallow, mesotidal lagoon, the Ria Formosa, Portugal*. Estuarine, Coastal and Shelf Science, v. 57, n. 1-2, pp. 73-85.  
**DOI:** 10.1016/S0272-7714(02)00332-3 **ISSN:** 0272-7714  
**Accession Number:** WOS: 000184500300007
- 2 **Newton, A.**, Icely, J.D., Falcão, M., Nobre, A., Nunes, J.P., Ferreira, J.G., Vale, C., 2003. *Evaluation of eutrophication in the Ria Formosa coastal lagoon, Portugal*. Continental Shelf Research, v. 23, n. 17-19, pp. 1945-1961.  
**DOI:** 10.1016/j.csr.2003.06.008 **ISSN:** 0278-4343  
**Accession Number:** WOS: 000187365500019
- 3 Tett, P., Gilpin, L., Svendsen, H., Erlandsson, C., Larsson, U., Kratzer, S., Fouilland, E., Janzen, C., Lee, J., Grenz, C., **Newton, A.**, Ferreira, J.G., Fernandes, T., Scory, S., 2003. *Eutrophication and some European waters of restricted exchange*. Continental Shelf Research, v. 23, n. 17-19, pp. 1635-1671.  
**DOI:** 10.1016/j.csr.2003.06.013 **ISSN:** 0278-4343  
**Accession Number:** WOS:000187365500003
- 4 **Newton, A.**, Mudge, S.M., 2005. *Lagoon-sea exchanges, nutrient dynamics and water quality management of the Ria Formosa (Portugal)*. Estuarine, Coastal and Shelf Science, v. 62, n. 3, pp. 405-414.  
**DOI:** 10.1016/j.ecss.2004.09.005 **ISSN:** 0272-7714  
**Accession Number:** WOS:00022692370000
- 5 Edwards, V., Icely, J., **Newton, A.**, Webster, R., 2005. *The yield of chlorophyll from nitrogen: a comparison between the shallow Ria Formosa lagoon and the deep oceanic conditions at Sagres along southern coast of Portugal*. Estuarine, Coastal and Shelf Science, v. 62, n. 3, pp. 391-403.  
**DOI:** 10.1016/j.ecss.2004.09.004 **ISSN:** 0272-7714  
**Accession Number:** WOS: 000226923700002
- 6 Nobre, A.M., Ferreira, J.G., **Newton, A.**, Simas, T., Icely, J.D., Neves, R., 2005. *Management of coastal eutrophication: Integration of field data, ecosystem-scale simulations and screening models*. Journal of Marine Systems, v. 56, n. 3, pp. 375-390.  
**DOI:** 10.1016/j.jmarsys.2005.03.003 **ISSN:** 0924-7963  
**Accession Number:** WOS: 000230581300010
- 7 Loureiro, S., **Newton, A.**, Icely, J.D., 2005. *Microplankton composition, production and upwelling dynamics in Sagres (SW Portugal) during summer 2001*. Scientia Marina, v. 69, n. 3, pp. 323-341.

**Table 17. Published Articles ISI (Institute of Science Index Journal)**

- DOI:**10.3989/scimar.2005.69n3323 **ISSN:** 0214-8358  
**Accession Number:** WOS: 00023206120000
- 8** Loureiro, S., **Newton, A.**, Icely, J.D., 2005. *Effects of nutrients enrichments on primary production in the Ria Formosa coastal lagoon (Southern Portugal)*. *Hydrobiologia*, v. 550, n. 1, pp. 29-45.  
**DOI:** 10.1007/s10750-005-4357-1 **ISSN:**0018-8158  
**Accession Number:** WOS: 000232980900004
- 9** Loureiro, S., **Newton, A.**, Icely, J.D., 2006. *Boundary conditions for the European Water Framework Directive in the Ria Formosa lagoon, Portugal (physico-chemical and phytoplankton quality elements)*. *Estuarine, Coastal and Shelf Science*, v. 67, n. 3, pp. 382-398.  
**DOI:** 10.1016/j.ecss.2005.11.029 **ISSN:** 0272-7714  
**Accession Number:** WOS:000236651900004
- 10** Murray, L.G., Mudge, S.M., **Newton, A.**, Icely, J.D., 2006. *The effect of benthic sediments on the dissolved nutrient concentrations and fluxes*. *Biogeochemistry*, v. 81, n. 2, pp. 159-178.  
**DOI:** 10.1007/s10533-006-9034-6 **ISSN:** 0168-2563  
**Accession Number:** WOS: 000241454900003
- 11** **Newton, A.**, Icely, J.D., 2006. *Oceanographic applications to eutrophication in tidal, coastal lagoons: the Ria Formosa, Portugal*. *Journal of Coastal Research*, SI 39, ICS 2004 Proceedings, pp. 1346-1350.  
**ISSN:** 0749-0208  
**Accession Number:** WOS: 000202961500022
- 12** Ferreira, J.G., Nobre, A.M., Simas, T. C., Silva, M.C., **Newton, A.**, Bricker, S.B., Wolff, W.J., Stacey, P.E., Sequeira, A., 2006. *A methodology for defining homogeneous water bodies in estuaries- Application to the transitional systems of the EU Water Framework Directive*. *Estuarine, Coastal and Shelf Science*, v. 66, n. 3-4, pp. 468-482.  
**DOI:** 10.1016/j.ecss.2005.09.016 **ISSN:** 0272-7714  
**Accession Number:** WOS: 000234942000011
- 13** Waara K.O., Petersen, A., Lanaras, T., Paulauskas, V., Kleiven, S., Crosa, G., Penttinen, O.P., Quesada, A., Kovats, N., Galinou-Mitsoudi, S., Lapinska, M., **Newton, A.**, Balode, M., Hindak, F., Marsalek, B., 2006. *Inland Water Quality Assessment - A Joint European Masters Programme*. *Journal of Science Education and Technology*, v. 15, n. 5-6, pp. 409-415.  
**DOI:** 10.1007/s10956-006-9032-4 **ISSN:**1059-0145
- 14** Pereira, M.G., Icely, J.D., Mudge, S.M., 2007. **Newton, A.**, Rodrigues, R. *Temporal and spatial variation of phytoplankton pigments in the Western part of the Ria Formosa lagoon, Southern Portugal*. *Environmental Forensics*, v. 8, n. 3, pp. 205-220.  
**DOI:** 10.1080/15275920701506151 **ISSN:** 1527-5922  
**Accession Number:** WOS:000249722800003
- 15** Mudge, S.M., Icely, J.D., **Newton, A.**, 2007. *Oxygen depletion in relation to water residence times*. *Journal of Environmental Monitoring*, v. 9, n. 11, pp. 1194-1198.  
**DOI:** 10.1039/b708178b **ISSN:** 1464-0325  
**Accession Number:** WOS:000250509800006

**Table 17. Published Articles ISI (Institute of Science Index Journal)**

- 16 **Newton, A.**, Icely, J.D., 2008. *Land Ocean Interactions in the Coastal Zone, LOICZ: Lessons from Banda Aceh, Atlantis, and Canute*. Estuarine, Coastal and Shelf Science, v. 77, n. 2, pp. 181-184.  
**DOI:**10.1016/j.ecss.2007.09.016 **ISSN:** 0272-7714  
**Accession Number:** WOS:000254816400001
- 17 Mudge, S.M., Icely, J.D., **Newton, A.**, 2008. *Residence times in a hypersaline lagoon: using salinity as a tracer*. Estuarine, Coastal and Shelf Science, v. 77, n. 2, pp. 278-284.  
**DOI:**10.1016/j.ecss.2007.09.032 **ISSN:** 0272-7714  
**Accession Number:** WOS:000254816400010
- 18 Wayland, D., Megson, D.P., Mudge, S.M., Icely, J.D., **Newton, A.**, 2008. *Identifying the source of nutrient contamination in a lagoon system*. Environmental Forensics, v. 9, n. 2-3, pp. 231-239.  
**DOI:** 10.1080/15275920802122833 **ISSN:** 1527-5922  
**Accession Number:** WOS:000257013900015
- 19 Loureiro, S., Icely, J., **Newton, A.**, 2008. *Enrichment experiments and primary production at Sagres (S.W. Portugal)*. Journal of Experimental Marine Biology and Ecology, v. 359, n. 2, pp. 118-125.  
**DOI:**10.1016/j.jembe.2008.03.001 **ISSN:**0022-0981  
**Accession Number:** WOS:000256743500005
- 20 Brito, A., **Newton, A.**, Tett, P., Fernandes, T., 2009. *Understanding the importance of sediments to water quality in coastal shallow lagoons*. Journal of Coastal Research, SI 56, ICS 2009 Proceedings, pp. 381-384.  
**ISSN:** 0749-0208  
**Accession Number:** WOS:000266722300079
- 21 Brito, A., **Newton, A.**, Tett, P., Fernandes, T.F., 2009. *Temporal and spatial variability of microphytobenthos in a shallow lagoon: Ria Formosa (Portugal)*. Estuarine, Coastal and Shelf Science, v. 83, n. 1, pp. 67-76.  
**DOI:** 10.1016/j.ecss.2009.03.023 **ISSN:** 0272-7714  
**Accession Number:** WOS:0002665400000
- 22 Goela, P.C., **Newton, A.**, Cristina, S., Fragoso, B., 2009. *Water Framework Directive implementation: Intercalibration Exercise for Biological Quality Elements – a case study for the South Coast of Portugal*. Journal of Coastal Research, SI 56, ICS 2009 Proceedings, pp. 1214-1218.  
**ISSN:** 0749-0208  
**Accession Number:** WOS: 000266722400062
- 23 Cristina, S.V., **Newton, A.**, Icely, J.D., Goela, P.C., 2009. *Assessment of the water-leaving reflectances of the oceanic and coastal waters using MERIS satellite products in Sagres off the Southwest Coast of Portugal*. Journal of Coastal Research, SI 56, ICS 2009 Proceedings, pp. 1479-1483.  
**ISSN:** 0749-0208  
**Accession Number:** WOS: 000266722400117
- 24 Ferreira, J.G., Sequeira, A., Hawkins, A., **Newton, A.**, Nickell, T., Pastres, R., Forte, J., Bodoy, J., Bricker, S., 2009. *Analysis of coastal and offshore aquaculture: application of the FARM model to multiple systems and shellfish species*. Aquaculture, v. 289, n.1-2, pp. 32-41.

**Table 17. Published Articles ISI (Institute of Science Index Journal)**

- DOI:** 10.1016/j.aquaculture.2008.12.017  
**Accession Number:** WOS: 000264942400006
- 25** Brito, A., **Newton, A.**, Tett, P., Fernandes, T.F., 2010. *Sediment and water nutrients and microalgae in a coastal shallow lagoon, Ria Formosa (Portugal): Implications for the Water Framework Directive*. Journal of Environmental Monitoring, v. 12, n. 1, pp. 318-328.  
**DOI:** 10.1039/B909429F **ISSN:** 1464-0325  
**Accession Number:** WOS:000274682500033
- 26** Brito, A.C., **Newton, A.**, Tett, P., Icely, J., Fernandes, T.F., 2010. *The yield of microphytobenthic chlorophyll from nutrients: Enriched experiments in microcosms*. Journal of Experimental Marine Biology and Ecology, v. 384, n.1-2, pp. 30-43.  
**DOI:** 10.1016/j.jembe.2009.11.010 **ISSN:** 0022-0981  
**Accession Number:** WOS:000275965300004
- 27** **Newton, A.**, Oliveira, P. S., Icely, J.D., Foster, P.A., 2010. *Monitoring of oxygen condition in the Ria Formosa coastal lagoon, Portugal*. Journal of Environmental Monitoring, v. 12, n. 1, pp. 355-360.  
**DOI:** 10.1039/b914015h **ISSN:** 1464-0325  
**Accession Number:** WOS:000274682500037
- 28** Zacarias, D.A., Williams, A.T., **Newton, A.**, 2011. *Recreation carrying capacity estimations to support beach management at Praia de Faro, Portugal*. Applied Geography, v. 31, n. 3, pp. 1075-1081.  
**DOI:** 10.1016/j.apgeog.2011.01.020 **ISSN:** 0143-6228  
**Accession Number:** WOS:000291578000021
- 29** Weissbach, A., Rudström, M., Olofsson, M., Béchemin, C., Icely, J., **Newton, A.**, Tillmann, U., Legrand, C., 2011. *Phytoplankton allelochemical interactions change microbial food web dynamics*. Limnology and Oceanography, v. 56, n. 3, pp. 899-909.  
**DOI:** 10.4319/lo.2011.56.3.0899 **ISSN:** 0024-3590  
**Accession Number:** WOS:000290678100011
- 30** Brito, A.C., **Newton, A.**, Fernandes, T.F., Tett, P., 2011. *The role of microphytobenthos on shallow coastal lagoons: A modeling approach*. Biogeochemistry, v. 106, n. 2, pp. 207-228.  
**DOI:** 10.1007/s10533-010-9539-x **ISSN:** 0168-2563  
**Accession Number:** WOS:000297224800005
- 31** **Newton, A.**, Carruthers, T.J.B., Icely, J., 2012. *The coastal syndromes and hotspots in the coastal zone*. Estuarine, Coastal and Shelf Science, v. 96, pp. 39-47.  
**DOI:** 10.1016/j.ecss.2011.07.012 **ISSN:** 0272-7714  
**Accession Number:** WOS:000300484500005
- 32** Cañedo-Argüelles, Rieradevall, M., Farrés-Corell, R., **Newton, A.**, 2012. *Annual characterisation Of four mediterranean coastal lagoons subjected to intense human activity*. Estuarine, Coastal and Shelf Science, v. 114, pp. 59-69.  
**DOI:**10.1016/j.ecss.2011.07.017 **ISSN:** 0272-7714  
**Accession Number:** WOS:000313464600008

**Table 17. Published Articles ISI (Institute of Science Index Journal)**

- 33** Sekovski, I., **Newton, A.**, Dennison, W.C., 2012. *Megacities in the coastal zone: Using a driver-pressure-state-impact-response framework to address complex environmental problems*. Estuarine, Coastal and Shelf Science, v. 96, pp. 48-59.  
**DOI:** 10.1016/j.ecss.2011.07.011 **ISSN:** 0272-7714  
**Accession Number:** WOS:000300484500006
- 34** Brito, A., **Newton, A.**, Tett, P., Fernandes, T.F., 2012. *Changes in the yield of microphytobenthic chlorophyll from nutrients: Considering denitrification*. Ecological Indicators, v. 10, pp. 226-230.  
**DOI:** 10.1016/j.ecolind.2011.07.026 **ISSN:** 1470-160X  
**Accession Number:** WOS:000302891100023
- 35** Brito, A.C., **Newton, A.**, Tett, P., Fernandes, T.F., 2012. *How will shallow coastal lagoons respond to climate change? A modelling investigation*. Estuarine, Coastal and Shelf Science, v. 112, pp. 98-104.  
**DOI:** 10.1016/j.ecss.2011.09.002 **ISSN:** 0272-7714  
**Accession Number:** WOS:000310652000011
- 36** Brito, A.C., Fernandes, T.F., **Newton, A.**, Fracca, C., Tett, P., 2012. *Does microphytobenthos resuspension influence phytoplankton in shallow systems? A comparison through a Fourier series analysis*. Estuarine, Coastal and Shelf Science, v. 110, pp. 77-84.  
**DOI:** 10.1016/j.ecss.2012.03.028 **ISSN:** 0272-7714  
**Accession Number:** WOS:000308624900010
- 37** Brito, A.C., Quental, T., Coutinho, T.P., Branco, M.A., Falcão, M., **Newton, A.**, Icely, J., Moita, T., 2012. *Phytoplankton dynamics in southern Portuguese coastal lagoons during a discontinuous period of 40 years*. Estuarine, Coastal and Shelf Science, v. 110, pp. 147-156.  
**DOI:** 10.1016/j.ecss.2012.04.014 **ISSN:** 0272-7714  
**Accession Number:** WOS:000308624900017
- 38** **Newton, A.**, 2012. *A Systems approach for sustainable development in coastal zones*. Ecology and Society, v. 17, n. 3, pp. 41.  
**DOI:** 10.5751/ES-04711-170341 **ISSN:** 1708-3087  
**Accession Number:** WOS:000309475800002
- 39** Goela, P.C., Icely, J., Cristina, S., **Newton, A.**, Moore, G., Cordeiro, C., 2013. *Specific absorption coefficient of phytoplankton off the Southwest coast of the Iberian Peninsula: A contribution to algorithm development for ocean colour remote sensing*. Continental Shelf Research, v. 52, pp. 119-132.  
**DOI:** 10.1016/j.csr.2012.11.009 **ISSN:** 0278-4343  
**Accession Number:** WOS:000315010500011
- 40** Roselli, L., Cañedo-Arguelles, M., Goela, P.C., Cristina, S., Rieradevall, M., D'Adamo, R., **Newton, A.**, 2013. *Do physiography and hydrology determine the physico-chemical properties and trophic status of coastal lagoons? A comparative approach*. Estuarine, Coastal and Shelf Science, v.117, pp. 29-36.  
**DOI:** 10.1016/j.ecss.2012.09.014 **ISSN:** 0272-7714  
**Accession Number:** WOS:000315323600004

**Table 17. Published Articles ISI (Institute of Science Index Journal)**

- 41 Guimarães, M.H., Ballé-Béganton, J., Bailly, D., **Newton, A.**, Boski, T., Dentinho, T., 2013. *Transdisciplinary conceptual modeling of a social-ecological system - A case study application in Terceira Island, Azores*. Ecosystem Services, v. 3, pp. e22 – e31.  
**DOI:**10.1016/j.ecoser.2012.12.007 **ISSN:** 2212-0416
- 42 Gari, S.R., **Newton, A.**, Icely, J., Lowe, C.D., 2014. *Testing the application of the Systems Approach Framework (SAF) for the management of eutrophication in the Ria Formosa*. Marine Policy, v. 43, pp. 40-45.  
**DOI:**10.1016/j.marpol.2013.03.017 **ISSN:** 0308-597X
- 43 **Newton, A.**, Icely, J.D., Cristina, S., Brito, A., Cardoso, A. C., Colijn, F., Riva, S.D., Gertz, F., Hansen, J.W., Holmer, M., Ivanova, K., Leppakoski, E., Canu, D.M., Mocenni, C., Mudge, S., Murray, N., Pejrup, M., Razinkovas, S., Reizopoulou, S., Pérez-Ruzafa, A., Schernewski, G., Schuber, H., Carr, L. C., Solidoro, C., Viaroli, P., Zaldívar, J.M., 2014. *An overview of ecological status, vulnerability and future perspectives of European large shallow, semi-enclosed coastal systems, lagoons and transitional waters*. Estuarine, Coastal and Shelf Science, v. 140, pp. 95-122.  
**DOI:** 10.1016/j.ecss.2013.05.023 **ISSN:** 0272-7714
- 44 **Newton, A.** and Weichselgartner, J., 2014. *Hotspots of coastal vulnerability: A DPSIR analysis to find societal pathways and responses*. Estuarine, Coastal and Shelf Science, v. 140, pp. 123-133.  
**DOI:** 10.1016/J.ECSS.2013.10.010 **ISSN:** 0272-7714
- 45 Cristina, S.C.V., Moore, G.F., Goela, P.R.F.C., Icely, J.D., **Newton, A.**, 2014. *In situ validation of MERIS marine reflectance off the southwest Iberian Peninsula: assessment of vicarious adjustment and corrections for near-land adjacency*. International Journal of Remote Sensing, v. 35, n.6, pp. 2347-2377.  
**DOI:** 10.1080/01431161.2014.894657 **ISSN:** 0143-1161  
**Accession Number:** WOS:000333995200017
- 46 Brown, S., Nicholls, R., Hanson, S., Brundrit, G., Dearing, J., Dickson, M., Gallop, S., Gao, S., Haigh, I., Hinkel, J., Jiménez, J., Klein, R., Kron, W., Lázár, A., Neves, C., **Newton, A.**, Pattiaratchi, C., Payo, A., Pye, K., Sánchez-Arcilla, Siddall, M., Shareef, A., Tompkins, E., Vafeidis, A., Maanen, B., Ward, P., Woodroffe, C., 2014. *Shifting perspectives on coastal impacts and adaptation*. Nature Climate Change, v. 4, pp. 752-755.  
**DOI:** 10.1038/nclimate2344 **ISSN:** 1758-678X
- 47 O’Higgins, T., Tett, P., Farmer, A., Cooper, P., Dolch, T., Friedrich, J., Goulding, I., Hunt, A., Icely, J., Murciano, C., **Newton, A.**, Psuty, I., Raux, P., Roth, E., 2014. *Temporal constraints on ecosystem management: Definitions and examples from Europe’s regional seas*. Ecology and Society, v. 19, n. 4, Art. 46.  
**DOI:** dx.doi.org/10.5751/ES-06507-190446 **ISSN:** 1708-3087
- 48 Cinnirella, S., Sardà, R., Suárez de Vivero, J., Brennan, R., Barausse, A., Icely, J., Luisetti, T., March, D., Murciano, C., **Newton, A.**, O’Higgins, T., Palmeri, L., Palmieri, M., Raux, P., Rees, S., Albaigés, J., Pirrone, N., Turner, K., ., 2014. *Steps towards a shared governance response for achieving Good Environmental Status in the Mediterranean Sea*. Ecology and Society, v. 19, n. 4, Art. 47.  
**DOI:** dx.doi.org/10.5751/ES-07065-190447 **ISSN:** 1708-3087

**Table 17. Published Articles ISI (Institute of Science Index Journal)**

- 49 Goela, P.C., Danchenko, S., Icely, J., Lubian, L.M., Cristina, S., **Newton, A.**, 2014. *Using CHEMTAX to evaluate seasonal and interannual dynamics of the phytoplankton community off the South-west coast of Portugal*. Estuarine, Coastal and Shelf Science, v. 151, pp. 112-123.  
**DOI:** 10.1016/j.ecss.2014.10.001 **ISSN:** 0272-7714
- 50 Gari, S.R., **Newton, A.**, Icely, J.D., 2015. *A Review of the application and evolution of the DPSIR framework with an emphasis on coastal social-ecological systems*. Ocean & Coastal Management, v. 103, pp. 63-67.  
**DOI:** 10.1016/j.ocecoaman.2014.11.013 **ISSN:** 0964-5691
- 51 Cristina, S., Icely, J., Goela, P., DelValls, T., **Newton, A.**, 2015. *Using remote sensing as a support to the implementation of the European Marine Strategy Framework Directive in SW Portugal*. Continental Shelf Research, v. 108, pp. 169-177.  
**DOI:** 10.1016/j.csr.2015.03.011 **ISSN:** 0278-4343
- 52 Xu, H., **Newton, A.**, Wolanski, E., Chen, Z., 2015. *The fate of phosphorus in Yangtze Estuary (Changjiang), China, under multi-stressors: hindsight and forecast*. Estuarine, Coastal and Shelf Science, v. 163, Part B, pp. 1-6.  
**DOI:** 10.1016/j.ecss.2015.05.032 **ISSN:** 0272-7714
- 53 **Newton, A.**, Borja, A., Solidoro, C., Grégoire, M., 2015. *Implementing the European Marine Strategy Framework Directive: scientific challenges and opportunities*. Continental Shelf Research, v. 108, pp. 141-143.  
**DOI:** 10.1016/j.csr.2015.09.016 **ISSN:** 0278-4343
- 54 Goela, P., Icely, J., Cristina, S., Danchenko, S., DelValls T.A., **Newton, A.**, 2015. *Using bio-optical parameters as a tool for detecting changes in the phytoplankton community (SW Portugal)*. Estuarine, Coastal and Shelf Science, v. 167, Part A, pp. 125–137.  
**DOI:** 10.1016/j.ecss.2015.07.037 **ISSN:** 0272-7714
- 55 Jayasinghe, R.P.P.K., Amarasinghe, U.S., **Newton, A.**, 2015. *Evaluation of marine subareas of Europe using life history parameters and trophic levels of selected fish populations*. Marine Environmental Research, v. 112, Part B, pp. 81–90.  
**DOI:** 10.1016/j.marenvres.2015.08.002 **ISSN:** 0141-1136
- 56 Semeoshenkova, V. and **Newton, A.**, 2015. *Overview of erosion and beach quality issues in three Southern European countries: Portugal, Spain and Italy*. Ocean and Coastal Management, v. 118, Part A, pp. 12-21.  
**DOI:** 10.1016/j.ocecoaman.2015.08.013 **ISSN:** 0964-5691
- 57 Ramesh, R., Chen, Z., Cummins, V., Day, J., D’Elia, C. D., Dennison, B., Forbes, D.L., Glaser, B., Glavovic, B., Kremer, H., Lange, M., Larsen, J. N., Le Tissier, M., **Newton, A.**, Pelling, M., Purvaja, R., Wolanski, E., 2015. *Land–Ocean Interactions in the Coastal Zone: Past, present & future*. Anthropocene, v. 12, pp. 85-98.  
**DOI:** <http://dx.doi.org/10.1016/j.ancene.2016.01.005> **ISSN:** 2213-3054
- 58 Mansur, A.V., Brondízio, E.S., Roy, S., Hetrick, S., Vogt, N., **Newton, A.**, 2016. *An Assessment of Urban Vulnerability in the Amazon Delta and Estuary: A multi-Criterion Index of Flood Exposure, Socio-Economic Conditions and Infrastructure*. Sustainability Science, v. 11, n. 4., pp. 625-643.  
**DOI:** 10.1007/s11625-016-0355-7 **ISSN:** 1862-4065

**Table 17. Published Articles ISI (Institute of Science Index Journal)**

- 59 Semeoshenkova V., **Newton A.**, Rojas, M., Piccolo, M. C., Bustos, M. L., Cisneros, M. L. B., Berninsone, L., 2016. *A combined DPSIR and SAF approach for the adaptive management of beach erosion in Monte Hermoso and Pehuén Co (Argentina)*. Ocean and Coastal Management, **In press 1-11**  
**DOI:** 10.1016/j.ocecoaman.2016.04.015 **ISSN:** 0964-5691
- 60 Brondizio, E.S., Fofoula-Georgiou, E., Szabo, S., Vogt, N., Sebesvari, Z., Renaud, F. G., **Newton, A.**, Anthony, E., Mansur, A. V., Matthews, Hetrick, S., Costa, S.M., Tessler, Z., Tejedor, A., Longjas, A., Dearing, J. A., 2016. *Catalysing action towards the sustainability of deltas*. Current Opinion in Environmental Sustainability, v.19, pp. 182-194.  
**DOI:** 10.1016/j.cosust.2016.05.001 **ISSN:** 1877-3435
- 61 Cristina, S., D'Alimonte, D., Goela, P.C., Kajiyama, T., Icely, J., Moore, G., Fragoso, B., **Newton, A.**, 2016. *Standard and Regional Bio-optical Algorithms for Chlorophyll a Estimates in the Atlantic off the Southwestern Iberian Peninsula*. IEEE Geoscience and Remote Sensing Letters, v. 13, n. 6, pp. 757-761.  
**DOI:** 10.1109/LGRS.2016.2529182 **ISSN:** 1545-598X
- 62 Cristina, S., Cordeiro, C., Lavender, S., Goela, P.C., Icely, J., **Newton, A.**, 2016. *MERIS Phytoplankton Time Series Products from the SW Iberian Peninsula (Sagres) Using Seasonal-Trend Decomposition Based on Loess*. Remote Sensing, v. 8, n. 6, 449.  
**DOI:**10.3390/rs8060449 **ISSN:** 2072-4292
- 63 Goela, P.C., Cordeiro, C., Danchenko, S., Icely, J., Cristina, S., **Newton, A.**, 2016. *Time series analysis of data for sea surface temperature and upwelling components from the southwest coast of Portugal*. Journal of Marine Systems, v. 163, pp. 12-22.  
**DOI:**10.1016/j.jmarsys.2016.06.002 **ISSN:** 0924-7963
- 64 Goela, P.C., Cristina, S., Kajiyama, T., Icely, J., Moore, G., Fragoso, B., **Newton, A.**, 2016. *Algal Pigment Index 2 in the Atlantic off the Southwest Iberian Peninsula: standard and regional algorithms*. Ocean Sci., 12, 1–10. DOI:10.5194/os-12-1-2016
- 65 Jayasinghe, R.P.P.K., Amarasinghe, U.S., **Newton, A.** 2016. *Evaluation of status of commercial fish stocks in European marine subareas using mean trophic levels of fish landings and spawning stock biomass*. Ocean and Coastal Management (**in press**). DOI: [10.1016/j.ocecoaman.2016.07.002](https://doi.org/10.1016/j.ocecoaman.2016.07.002)
- 66 Mea M, **Newton A**, Uyarra MC, Alonso C and Borja A (2016). *From science to policy and society: enhancing the effectiveness of communication*. Frontiers in Marine Science, 3:168. <https://doi.org/10.3389/fmars.2016.00168>
- 67 Borja, Elliott M., Snelgrove P.I V. R., Austen M. C., Berg T., Cochrane S., Carstensen J., Danovaro R., Greenstreet S., Heiskanen A-S., Lynam C. P., Mea M., **Newton A**, Patrício J, Uusitalo L, Uyarra M. C., Wilson C. (2016) *Bridging the Gap between Policy and Science in Assessing the Health Status of Marine Ecosystems*. Frontiers in Marine Science, 3:175 <https://doi.org/10.3389/fmars.2016.00175>
- 68 Semeoshenkova, V., **Newton A.**, Contin A., Greggio N. (2016) *Development and application of an Integrated Beach Quality Index (BQI)*. Ocean & Coastal Management, 1-13  
<https://doi.org/10.1016/j.ocecoaman.2016.08.013>



**Table 17. Published Articles ISI (Institute of Science Index Journal)**

- 69 Danovaro, R., L. Carugati, M. Berzano, A. E. Cahill, S. Carvalho, A. Chenuil, C. Corinaldesi, S. Cristina, R. David, A. Dell'Anno, N. Dzhenbekova, E. Garcés, J. Gasol, P. Goela, J.-P. Feral, I. Ferrera, R. Forster, A. A. Kurekin, E. Rastelli, V. Marinova, P. I. Miller, S. Moncheva, **A. Newton**, J. Pearman, S. Pitois, A. Renè, N. Rodriguez-Ezpeleta, V. Saggiomo, S. G. H. Simis, K. Stefanova, C. Wilson, M. Lo Martire, S. Greco, S. Cochrane, A. Borja, 2016. Implementing and innovating marine monitoring approaches for assessing marine environmental status. *Frontiers in Marine Science*, 3: <https://doi.org/10.3389/fmars.2016.00213>.
- 70 **Newton, A.**, M. Elliott, 2016. A typology of stakeholders and guidelines for engagement in transdisciplinary, participatory processes. *Frontiers in Marine Science*, 3. <https://doi.org/10.3389/fmars.2016.00230>
- 71 Alice Newton, Jan Harff, Zai-Jin You, Hua Zhang, Eric Wolanski
- 72 Owuor M.A., Icely J., **Newton A.**, Nyunja J., Otieno P., Tuda A.O., Oduor N. 2017. Mapping of ecosystem services flow in Mida Creek, Kenya. *Ocean & Coastal Management*, Volume 140, May 2017, Pages 11-21. <http://dx.doi.org/10.1016/j.ocecoaman.2017.02.013>.
- 7

**Table 18. Published Articles in Proceedings**

- 1 **Newton, A.**, Icely, J., 2002. *Impact of coastal engineering on the water quality of the Ria Formosa lagoon, Portugal*. The Changing Coast (eds Veloso-Gomes, F.; Pinto, F.T.; Neves, L.) 6th International Conference LITTORAL, Porto, Portugal, 22-26th September 2002, v. 3, pp. 417-421.
- 2 Zaldívar, J-M., Cardoso, A.C., Viaroli, P., **Newton, A.**, Wit, R., Ibañez, C., Reizopoulou, S., Somma, F., Razinkovas, A., Basset, A., Holmer, M., Murray, M., 2008. *Eutrophication in transitional waters: an overview (JRC-EU)*. Transitional Waters Monographs, n. 1, pp. 1-78.  
**DOI:** 10.1285/i18252273v2n1p1
- 3 Brito, A., **Newton, A.**, Tett, P., Fernandes, T. F., 2009. *Development of an optimal methodology for the extraction of microphytobenthic chlorophyll*. Journal of International Environmental Application and Science, v. 4, n. 1, pp. 42-54.  
**ISSN:** 1307-0428
- 4 Cristina, S., Icely, J., Goela, P., **Newton, A.**, 2010. *Validation of the MERIS satellite products in oceanic waters off Cape Sagres on the south-west coast of Portugal*. Proceedings of the ESA Living Planet Symposium, SP-686, nº 107 European Space Agency 5pp.
- 5 Goela, P., Icely, J., Cristina, S., **Newton, A.**, 2010. *Absorption coefficients of particulate matter off the southwest coast of Europe: a contribution to validation of the MERIS Sensor*. Proceedings of the ESA Living Planet Symposium, Special publication SP- 686, nº 144 European Space Agency 5pp.

### Table 18. Published Articles in Proceedings

- 6 Cristina, S., Goela, P., Icely, J., Moore, G., **Newton, A.**, 2010. *Evaluation of MERIS marine products in coastal and oceanic waters off Cape Sagres on the south-west coast of Portugal*. Proceedings of Ocean Optics Conference XX, Anchorage, Alaska, 27th September- 1st October.
- 7 Goela, P., Cristina, S., Icely, J., **Newton, A.**, 2010. *Light absorption by particulate and dissolved organic matter in coastal and oceanic off the southwest coast of Europe: A contribution to MERIS sensor validation*. Proceedings of Ocean Optics Conference XX, Anchorage, Alaska, 27th September-1st October.
- 8 Icely, J.D., Moore, G.F., Goela, P.C., Cristina, S.V., **Newton, A.**, 2012. *Contribution of Earth observation to understanding the upwelling conditions of the SW coast of Portugal*. Ed. H. Ouwehand Proceedings of ESA, SOLAS & EGU Joint Conference: Earth Observation for Ocean-Atmosphere Interactions Science, SP- 703. European Space Agency 4 pp.
- 9 Brito, A., Brotas, V., Cristina, S., D'Alimonte, D., Goela, P., Icely, J., Kajiyama, T., Moore, G., **Newton, A.**, Sá, C., 2013. *OCPortugal consortium: activities and challenges*. Ed. H. Ouwehand Proceedings of ESA Sentinel-3 OLCI/SLSTR and MERIS/(A)ATSR Workshop European Space Agency 6pp.
- 10 Icely, J.D., Moore, G.F., Danchenko, S.A., Goela, P.C., Cristina, S.V., Zacarias, M., **Newton, A.**, 2013. *Contribution of remote sensing products to the management of offshore aquaculture at Sagres, SW Portugal*. Ed. H. Ouwehand Proceedings of ESA Sentinel-3 OLCI/SLSTR and MERIS/(A)ATSR Workshop European Space Agency 6pp.
- 11 Fofoula-Georgiou, E., Overeem, I., Saito, Y., Dech, S., Kuenzer, C., Goodbred, S., Harrison, I., Anthony, E., Brondizio, E., Hutton, J., Nicholls, R., Matthews, Z., Dearing, J., Lazar, A., Baschieri, A., **Newton, A.**, et al., 2013. *A vision for a coordinated international effort on delta sustainability*. Proceedings of the Deltas Symposium in Gothenburg July 2013.

### Table 19. Articles in Revision, under Review, in Preparation

- 1 **Newton, A.**, Mansur, A. *A framework for the integrated assessment of vulnerability of River Mouth Systems*.  
**Under revision in Estuarine and Coastal Shelf Science**
- 2 Mansur, A., **Newton, A.** *An overview of indicators and indices for the management of vulnerability of River Mouth Systems*  
**Under revision in Estuarine and Coastal Shelf Science**
- 3 **Newton A.** et al. *Pressures on Coastal Wetlands*. Chapter 33, in Gerardo, M.E. Perillo (Editor) *Coastal Wetlands: An Integrated Ecosystem Approach* 2<sup>nd</sup> edition  
**Under review**

**Table 19. Articles in Revision, under Review, in Preparation**

- 4 Jayasinghe R.P.P.K. and **Newton, A.** *Links between biodiversity and eutrophication qualitative descriptors of European Marine Strategic Framework Directive (MSFD) to improve marine assessments.*  
**Under review in Ocean & Coastal Management**
- 5 **Newton, A.**, Canedo, M., March, D., Goela, P., Cristina, S., Zacarias, M., Icely, J.D., 2016. *Assessing the effectiveness of management measures in the Ria Formosa coastal lagoon.*  
**Journal for nature conservation (under review).**
- 6 **Newton, A.** and Elliott, M. 2016. *A typology of stakeholders and roadmap for engagement in transdisciplinary, participatory processes – who does what and why?*  
**Frontiers in Marine Science, section Marine Ecosystem Ecology (under review).**
- 7 Danovaro R., Carugati L., Berzano M., Cahill A.E., Carvalho S., Chenuil A., Corinaldesi C., Cristina S., David R., Dell’Anno A., Dzhembekova N., Garcès E., Gasol J.M., Goela P., Féral J.-P., Ferrera I., Forster R.M., Kurekin A.A., Lo Martire M., Marinova V., Miller P.I., Moncheva S., **Newton A.**, Pearman J.K., Pitois S., Reñé A., Rodríguez-Ezpeleta N., Saggiomo V., Simis S., Stefanova K., Wilson C., Borja A. 2016. *Implementing and innovating marine monitoring approaches for the assessment of the environmental status.* **Frontiers in Marine Science, section Marine Ecosystem Ecology (under review).**
- 8 Owuor, M.O. , J. Icely , **A. Newton** , J. Nyunja , P. Otieno , A. O.Tuda and N. Oduor *Mapping of ecosystem services flow in Mida Creek, Kenya* **Under review in Ocean & Coastal Management**
- 9 Gari, S.R., O-Guerrero, C., A-Uribe, B., Icely, J.D., **Newton, A.** *A DPSIR- analysis of water uses and related water quality issues in the Colombian Alto and Medio Dagua (AMDA) Community Council, Colombia.*  
**In preparation for submission to Water Resources and Rural Development**
- 11 Gari, S.R., **Newton, A.**, Icely, J.D., Delgado, M. d. M., *A review of case studies of Community-based natural resources management systems in relation to Ostrom’s design principles.*  
**In preparation for submission to International journal of commons or AMBIO**
- 12 Gari, S.R., **Newton, A.**, Icely, J.D., Delgado, M. d. M. *An analysis of case studies of Community-based natural resources management systems in relation to Ostrom’s design principles and the general framework for analyzing social-ecological systems.*  
**In preparation for submission to Ecology and Society or International journal of commons or AMBIO**
- 13 Gari, S.R., **Newton, A.**, Icely, J.D. *An integrated framework for analysing Catchment-Coast Social-Ecological systems.*  
**In preparation for submission to Ecology and Society**
- 14 Gari, S.R., Icely, J.D., **Newton, A.**, O-Guerrero, C., A-Uribe, B. *Development of a Community-based water resources management in the Colombian community council of Alto Y Medio Dagua (AMDA), using integrated WASH frameworks.*  
**In preparation for submission to Journal of Environmental management or International Journal of the Commons**

**Table 19. Articles in Revision, under Review, in Preparation**

- 15 Gari, S.R., O-Guerrero, C., A-Uribe, B., Icely, J.D., **Newton, A.** *A DPSIR- analysis of water uses and related water quality issues in the Colombian Alto and Medio Dagua (AMDA) Community Council, Colombia. In preparation for submission to Water Resources and Rural Development.*

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**Table 20. Scientific Reports**

- 1 **A. Newton**, S. Cristina, J. Guiomar, P.C. Goela, B. Fragoso, J.C. Marques, J. Neto, H.Teixeira, J. Patrício A. Baeta, R. Pinto, H. Veríssimo, F. Rocha, R. Cunha, C. Vale (2007)  
*Intercalibration Exercise of Guidelines for the Applications of the European Union Water Framework Directive Reference Conditions and Intercalibration of Portuguese Coastal Waters*  
Editors: IMAR – Institute of Marine Research, INAG – Water Institute.
- 2 Davis I. *et al.* including **Newton, A.** (2008) *Nutrient Criteria Development: International Approaches & Perspectives.*  
Editors: U.S. Environmental Protection Agency, Office of Science and Technology, Health and Ecological Criteria Division. Washington D.C., USA.
- 3 J. Zaldívar Comenges, A.C. Cardoso, A.Basset, R. de Wit, M. Holmer, C.Ibañez, **Newton, A.** Razinkovas, S. Reizopoulou, F. Somma, P. Viaroli (2008) *Eutrophication in Transitional Waters*  
Editors: JRC - European Commission, Joint Research Centre, Ispra, Italy.
- 4 **Newton A.** and Hsu A. (2009)  
*EU Collaboration with China in Environmental Capacity Building*  
Chapter 3 in Xuhui Lee, Ed. *Lectures on China's Environment*  
Editors: Yale University School of Forestry and Environment.
- 5-9 Scientific Reports to the European Space Agency (ESA) for Contract Nº 21464/08/I-OL  
*Technical Assistance for the Validation of MERIS – Medium Resolution Imaging Spectrometer Marine Products at Portuguese Oceanic and Coastal Sites*  
Icely, J., Cristina, S., Goela, P., **Newton, A.** (September 2008) Report 1 to ESA  
Icely, J., Cristina, S., Goela, P., **Newton, A.** (December 2008) Report 2 to ESA  
Icely, J., Cristina, S., Goela, P., **Newton, A.** (April 2009) Report 3 to ESA  
Icely, J., Cristina, S., Goela, P., **Newton, A.** (January 2010) Report 4 to ESA  
Icely, J., Cristina, S., Goela, P., **Newton, A.** (August 2010) Report 5: Section I Final to ESA.
- 10 **Newton, A.** (2011).  
CAMP – The comprehensive atmospheric monitoring programme in 2009. Editors: OSPAR Commission.

- 11- Scientific Reports to the European Space Agency (ESA) for Contract N° 21464/08/I-OL:
- 12 *Technical Assistance for the Validation of MERIS – Medium Resolution Imaging Spectrometer Marine Products at Portuguese Oceanic and Coastal Sites*  
Icely, J., Cristina, S., Goela, P., Moore, G., Danchenko, S., Zacarias, M., **Newton, A.**, (November 2012)  
Icely, J., Cristina, S., Goela, P., Moore, G., Danchenko, S., Zacarias, M., **Newton, A.**, *Summary of the project outputs between 2008-2012 for Technical Assistance for the Validation of MERIS Marine Products at Portuguese Oceanic and Coastal Site.*  
Final Report, May 2013, Annex A 81 pp., Data - Tables 102 pp., Annex B - Dissemination and Education 6pp. and copies of posters & publications.
- 13- Iversen, S. A. *et al.* (inc. **Newton, A.**), 2012, *Proposed Indicators for a Monitoring Programme*, KLIF, Oslo, Norway 94pp (in Norwegian)
- 20 Van der Meeren *et al.* (inc. **Newton, A.**), 2012, *Proposed Indicators for a Monitoring Programme*, KLIF, Oslo, Norway, 193pp (in Norwegian)
- Newton, A.**, 2012. *Proposed Indicators for a Monitoring Programme*, KLIF, Oslo, Norway. Executive summary ([English version](#))
- Newton, A.**, 2012. *Vulnerability of a Particularly Valuable Areas*, KLIF, Oslo, Norway. Executive summary ([English version](#))
- Newton, A.**, 2012. *Cumulative Environmental Effects*, KLIF, Oslo, Norway. Executive summary ([English version](#))
- Newton, A.**, 2012. *Conflicting Interests and the Need for Coordination*, KLIF, Oslo, Norway. Executive summary ([English version](#))
- Newton, A.**, 2012. *Priority Knowledge Needs*, KLIF, Oslo, Norway. Executive summary ([English version](#))
- Newton, A.**, 2012. *Analysis of Population, Economic Activity and Ecosystem Services*, KLIF, Oslo, Norway. Executive summary ([English version](#))
- 21 Scientific Report to the European Space Agency (ESA)  
Icely, J., Cristina, S., Goela, P., **Newton, A.**, 2015. *Deliverable 46 WP1000: Development and assessment of the performance of a regional Neural Net based on the SGM data set.*

### Table 19. Participation in Editorial Boards

- 1 Newton, Alice. *Current Opinion in Environmental Sustainability* (COSUST). Editorial Body.
- 2 Newton, Alice. *International Journal of Environmental Science and Engineering* (IJESE). Editorial Body.
- 3 Newton, Alice. Member of *Coastal Wiki* Editorial Board. Editorial Body. (2012 – Present)
- 4 Newton, Alice. Member of Editorial Board “*Oceanological and Hydrobiological Studies*”. Editorial Body. (2013-2015)
- 5 Newton, Alice. Member of Editorial Board “*Journal of South Asian Studies*”. Editorial Body. (2013-2015)
- 6 Newton, Alice. *Journal of Integrated Coastal Zone Management*. Member of Editorial Board. (2013 - Present)

7 Newton, Alice. Estuarine, Coastal and Shelf Science. Member of Editorial Board. (2015)

**Table 20. Participation in Advisory Boards of Book Series**

**The Handbook of Environmental Chemistry**

Founded by: Hutzinger, Otto

Publisher: Springer Berlin / Heidelberg

Editors-in-Chief: O. Hutzinger, A. Kostianoy, D. Barceló

ISSN: 1867-979

## 7. SCIENCE COMMUNICATION

Table 21. Oral Presentations as Invited or Keynote Speaker on Academic Topics

ORAL PRESENTATIONS	
1	<p><b>Conference: European University Association “Joint Master Project”.</b> Brussels, 20<sup>th</sup> September 2002. (Invited Speaker) <b>Presentation: Newton, A., 2002. “European Joint Master in Water and Coastal Management”</b></p>
2	<p><b>Conference: Scientific and policy challenges towards an effective management of the marine environment Conference.</b> CESUM-BS - Centre of Excellence for Sustainable Development and Management of the Baltic Sea Region Albena. Bulgaria, 12<sup>th</sup>-18<sup>th</sup> October 2003. (Invited Speaker) <b>Presentation: Newton, A., 2003. “A European Joint Master of Science in Water and Coastal Management”</b></p>
3	<p><b>Conference: European Coastal Zone Research Conference “An ELOISE Approach”.</b> Portoroz (Slovenia), 14<sup>th</sup>-18<sup>th</sup> November 2004. (Keynote Speaker) <b>Presentation: Newton, A., 2004. “The use of Eloise Research in Education”</b></p>
4	<p><b>Conference: UNESCO-UNITWIN/WICOP- Europe Network Wise Coastal Practices for Sustainable Human Development workshop</b> University of Cadiz, 26<sup>th</sup>-27<sup>th</sup> November 2004. (Invited Speaker) <b>Presentation: Newton, A., 2004. “The ERASMUS MUNDUS Master in Water and Coastal Management: Link with Wicop”</b></p>
5-6	<p><b>Lecture Tour:</b> 13<sup>th</sup>-18<sup>th</sup> December 2004. (Invited Speaker) <b>Presentation: Newton, A., 2004. “Environmental education for urban water management”</b> University of Science and Engineering, Qindao, China <b>Presentation: Newton, A., 2004. “Erasmus Mundus Collaboration with China”</b> Ningbo University, Ningbo, China Sponsored by First Institute of Oceanography State Oceanic Administration, Qindao, China.</p>
7	<p><b>Conference: EU China Higher Education Policy Forum</b> Beijing, 28<sup>th</sup>-29<sup>th</sup> de November 2005. (Invited Speaker) <b>Presentation: Newton, A., 2005. “The changing role of universities in society”</b></p>
8	<p><b>Conference: Erasmus Mundus Master course seminar</b> Brussels, 5<sup>th</sup>-6<sup>th</sup> December 2005. (Invited Speaker) <b>Presentation: Newton, A., 2005. “Joint degrees in international higher education”</b></p>
9	<p><b>Conference: Erasmus Mundus Lecture Tour in China</b> August 2006. (Invited Speaker) Ocean University of China, Nanjing University and University of Ningbo <b>Presentation: Newton, A., 2005. “The Erasmus Mundus programme”</b></p>
10	<p><b>Conference: EAIE (European Association for International Education)</b> University of Trondheim, Norway, 12<sup>th</sup>-15<sup>th</sup> September 2007. (Invited Speaker) <b>Presentation: Newton, A., 2007. “Erasmus Mundus: brain drain or brain gain?”</b></p>
11	<p><b>Workshop: Erasmus Mundus workshop</b> Brussels, 15<sup>th</sup> March 2008. (Invited Speaker) <b>Presentation: Newton, A., 2008 “EU-China Cooperation in Higher Education”</b></p>
12	<p><b>Conference: Lecture Series on China’s Environment</b> Sponsored by the Rice Family Foundation, Yale University, 13<sup>th</sup> October 2008. (Invited Speaker)</p>

**Table 21. Oral Presentations as Invited or Keynote Speaker on Academic Topics**

ORAL PRESENTATIONS	
	<b>Presentation: Newton, A., 2008. "EU Collaboration with China in Environmental Capacity Building"</b>
<b>13</b>	<b>Workshop: Quality in Analytical Laboratories</b> China, University of Changsha, 23 <sup>rd</sup> September 2012. (Invited Speaker) <b>Presentation: Newton, A., 2012. "Erasmus Mundus: Opportunities to study in EU"</b>

**Table 22. Other Oral Presentations on Academic Topics**

ORAL PRESENTATIONS	
<b>1-2</b>	<b>Workshop: Coastal Profs workshop</b> Can Tho, Vietnam, 8 <sup>th</sup> -12 <sup>th</sup> May 2006. <b>Presentation: Newton, A. and Boski, T., 2006. "Site selection for Coastal Prof field work"</b> <b>Presentation: Newton, A. and Boski, T., 2006. "University of Algarve and Master Curricula"</b>
<b>3</b>	<b>Workshop: Coastal Profs workshop</b> Faro, 11 <sup>th</sup> -15 <sup>th</sup> June 2007. <b>Presentation: Newton, A., 2007. "Implementation of Coastal Prof modules in international Master programmes"</b>
<b>4</b>	<b>Workshop: SPICOSA (Science and Policy Integration for Coastal System Assessment) project System Approach Framework Workshop</b> Rome, Italy, 8 <sup>th</sup> -12 <sup>th</sup> June 2009. <b>Presentation: Newton, A., Icely, J. 2009. "Academic curricula and training, technical progress and priorities"</b>
<b>5</b>	<b>Conference: APN (Asia Pacific Network) Conference</b> Phillipines, 23 <sup>rd</sup> -27 <sup>th</sup> November 2009. <b>Presentation: Newton, A., Weichselgartner, J., 2009. "LOICZ capacity building"</b>

**Table 23. Oral Presentations on Research Topics, Invited Speaker**

ORAL PRESENTATIONS	
<b>1</b>	<b>Conference: Estuarine Research Federation Conference "Estuaries on the Edge"</b> Seattle, USA, 14 <sup>th</sup> -18 <sup>th</sup> September 2003. (Keynote Speaker) <b>Presentation: Newton, A., 2003. "Coastal lagoons, a 21<sup>st</sup> C. perspective"</b>
<b>2</b>	<b>Conference: Royal Society of Chemistry</b> University of Glamorgan, 4 <sup>th</sup> February 2004. (Invited Speaker) <b>Presentation: Newton, A., 2004. "Eutrophication, a problem of Environmental Chemistry"</b>
<b>3</b>	<b>Lecture Tour:</b> Ocean University, Qindao, China, 13 <sup>th</sup> -18 <sup>th</sup> December 2004. (Invited Speaker) <b>Presentation: Newton, A., 2004. "Eutrophication: a global perspective"</b>
<b>4</b>	<b>Conference: European Joint Research Centre expert meeting</b> Joint Research Centre, Ispra, 12 <sup>th</sup> March 2007. (Invited Speaker) <b>Presentation: Newton, A., 2007. "Eutrophication in transitional waters: problems and approaches"</b>
<b>5-6</b>	<b>Workshop: LOICZ (Land-Ocean Interactions the Coastal Zone) workshop</b> Yantai, India, 23 <sup>rd</sup> September 2007. (Invited Speaker) <b>Presentation: Newton, A., 2007. "Land-Ocean Interactions and Coastal Lagoons"</b> <b>Presentation: Newton, A., 2007. "Capacity Building"</b>



**Table 23. Oral Presentations on Research Topics, Invited Speaker**

ORAL PRESENTATIONS	
7	<b>Conference: ENCORA conference</b> Paris, 6 <sup>th</sup> December 2007. (Invited Speaker) <b>Presentation: Newton, A., 2007. "Eutrophication: a key issue for sustainable ICZM"</b>
8	<b>Workshop: LOICZ (Land-Ocean Interactions the Coastal Zone) workshop "Coastal nutrient budgeting: the LOICZ approach"</b> Anna University, Chennai, India, 13 <sup>th</sup> September 2008. (Invited Speaker) <b>Presentation: Newton, A., 2008. "Application of the DPSIR framework to coastal zones"</b>
9	<b>Workshop: EPA (Environmental Protection Agency): "Nutrient Criteria Development International Approaches &amp; Perspectives"</b> U.S. Environmental Protection Agency, Office of Science and Technology, Health and Ecological Criteria Division. Washington, 27 <sup>th</sup> -31 <sup>st</sup> October 2008. (Invited Speaker) <b>Presentation: Newton, A., 2008. "Nutrient condition and the water framework directive in coastal and transitional waters, Portugal"</b>
10	<b>Conference: ASLO (American Society of Limnology and Oceanography)</b> Nice, France, 10 <sup>th</sup> -15 <sup>th</sup> January 2009. (Keynote Speaker) <b>Presentation: Newton, A., 2009. "Fractal coastal futures emerging global trends"</b>
11	<b>Conference: Erasmus Mundus Alumni conference on Climate Change</b> Budapest, Hungary, 26 <sup>th</sup> -28 <sup>th</sup> February 2009. (Invited Speaker) <b>Presentation: Newton, A., 2009. "Global change and the coastal zone"</b>
12	<b>Workshop: ESA (European Space Agency) Workshop Coastal Colour</b> Ireland, 19 <sup>th</sup> -20 <sup>th</sup> March 2009. (Invited Speaker) <b>Presentation: Newton, A. and Kramer, H., 2009. "ESA requirements from the LOICZ project"</b>
13	<b>Workshop: TOPC/OOPC/AOPC workshop "Global climate observing system", Expert group meeting on Ocean Colour</b> EU Joint Research Centre at Ispra, Italy, 2 <sup>nd</sup> -5 <sup>th</sup> June 2009. (Invited Speaker) <b>Presentation: Newton, A., 2009. "Remote sensing of land-ocean interactions in the coastal zone"</b>
14	<b>Conference: SPICOSA (Science and Policy Integration for Coastal System Assessment) Project Public Roundtable</b> Rome, Italy, 8 <sup>th</sup> -12 <sup>th</sup> June 2009. (Invited Speaker) <b>Presentation: Newton, A., 2009. "SPICOSA in a global context"</b>
15	<b>Workshop: LOICZ (Land Interactions in the Coastal Zone) workshop</b> Kjeller, Norway, 15 <sup>th</sup> -19 <sup>th</sup> June 2009. (Keynote Speaker) <b>Presentation: Newton, A., 2009. "Fractal coastal futures"</b>
16	<b>Vrije University of Amsterdam</b> 1 <sup>st</sup> October 2009. (Invited Speaker) <b>Presentation: Newton, A., 2009. "Eutrophication and GES good environmental status"</b>
17	<b>University of Southern Denmark</b> 13 <sup>th</sup> November 2009. (Invited Speaker) <b>Presentation: Newton, A., 2009. "Quantification of climate change impacts on the Arctic economy"</b>
18	<b>Conference: Jornadas Internacionales de Oceanografia</b> Instituto Argentino de Oceanografia, IADO, Bahia Blanca, Argentina, 30 <sup>th</sup> November till 4 <sup>th</sup> December 2009. (Invited Speaker) <b>Presentation: Newton, A., 2009. "DPSIR framework and global change of the coast"</b>
19	<b>Symposium: 22nd Joint Symposium Academic Liaison on Coastal Environment "Constructing the network for desirable coastal environment. Problems and Perspectives"</b>

**Table 23. Oral Presentations on Research Topics, Invited Speaker**

ORAL PRESENTATIONS	
	University of Tokyo, Graduate School of Frontier Sciences, Japan, 23 <sup>rd</sup> January 2010. (Invited Speaker) <b>Presentation: Newton, A., 2010. "Case studies: land ocean interactions in the coastal zone of Japan"</b>
<b>20</b>	<b>Symposium: 5<sup>th</sup> European Coastal Lagoon Symposium</b> University of Aveiro, 25 <sup>th</sup> -30 <sup>th</sup> July 2011. (Keynote Speaker of the opening session) <b>Presentation: Newton, A., 2011. "Coastal lagoon properties in the context of climate change"</b>
<b>21</b>	<b>LOICZ (Land-Ocean Interactions the Coastal Zone) Open Science Conference</b> Yantai, China, September 2011. (Keynote speaker of the opening session) <b>Presentation: Newton, A., 2011. "Hotspots of global change in the coastal zone"</b>
<b>22</b>	<b>Peking University</b> Beijing, China, October 2011.(Invited Speaker) <b>Presentation: Newton A., 2011. "Coastal Syndromes: global change and the coastal zone"</b> Cancelled.
<b>23</b>	<b>Celebrations week of Science and Technology : "Art and Chemistry"</b> Centro de Ciência Viva do Algarve, Faro, Portugal, 23 <sup>rd</sup> November 2011. (Invited Speaker) <b>Presentation: Newton, A., 2011. "Seawater Chemistry"</b>
<b>24</b>	<b>Institute of Advanced Studies</b> Bologna, Italy, 13 <sup>th</sup> December 2011. (Invited Speaker) <b>Presentation: Newton, A., 2011. "Lagoons as complex social-ecological systems"</b>
<b>25</b>	<b>Polo científico-didattico, Ravenna</b> University of Bologna, 15 <sup>th</sup> December 2011. (Invited Speaker) <b>Presentation: Newton, A., 2011. "Global change and coastal lagoons"</b>
<b>26</b>	<b>Göteborg University</b> Sweden, 1 <sup>st</sup> March 2012. (Invited Speaker) <b>Presentation: Newton, A., 2012. "Coastal syndromes and coastal vulnerability"</b>
<b>27</b>	<b>MaghLAG workshop</b> Tunis, 25 <sup>th</sup> -27 <sup>th</sup> June 2012 (Invited Speaker) <b>Presentation: Newton, A., 2012. "Global change and coastal lagoons"</b>
<b>28</b>	<b>ASLO (American Society of Limnology and Oceanography) conference</b> Japan, Lake Biwa, 12 <sup>th</sup> July 2012. (Invited Speaker) <b>Presentation: Newton, A., 2012."Lessons learned from tsunamis for vulnerable coastal populations"</b>
<b>29</b>	<b>Ravenna 2012 International Conference</b> Italy, Ravenna, 27 <sup>th</sup> September 2012. (Invited Speaker) <b>Presentation: Newton, A., 2012. "Global change and the coastal zone"</b>
<b>30</b>	<b>Conference: LOICZ (Land Ocean Interactions with the Coastal Zone) Open Science</b> China, Changsha University, 12 <sup>th</sup> -15 <sup>th</sup> September 2012. (Invited Speaker) <b>Presentation: Newton, A., 2012. "Hotspots of global change in the coastal zone"</b>
<b>31</b>	<b>Universidade Federal de São Paulo</b> Brazil, Santos, 19 <sup>th</sup> June 2013. (Invited Speaker) <b>Presentation: Newton, A., 2013. "Investigação atual em ciências do mar"</b>
<b>32</b>	<b>Universidade de Santa Cecília</b> Brazil, Santos, 20 <sup>th</sup> June 2013. (Invited Speaker) <b>Presentation: Newton, A., 2013. "Gestão Costeira para Sustentabilidade"</b>
<b>33</b>	<b>Ravenna 2013 Conference "New Indicators for a Better World",</b> Italy, Ravenna, 25 <sup>th</sup> - 27 <sup>th</sup> September 2013. (Invited Speaker)

**Table 23. Oral Presentations on Research Topics, Invited Speaker**

ORAL PRESENTATIONS	
	<b>Presentation: Newton, A., 2013. "Indicators and indices of water quality and availability"</b>
34	<b>IMBER Open Science Conference: Future Oceans Special Session – Marine environmental status and biodiversity</b> Norway, Bergen, 23 <sup>rd</sup> – 27 <sup>th</sup> June 2014. (Invited Speaker) <b>Presentation: Newton, A., 2014. "Exploring links from Eutrophication to Biodiversity: two descriptors accessing the good environmental status of the European seas"</b>
35-	<b>Sino – Germany Workshop on Biogeochemistry of Coastal Zone.</b>
36	<b>Chinese Academy of Sciences, Institute of Coastal Research.</b> China, Yantai, 16 <sup>th</sup> - 18 <sup>th</sup> October 2014. (Invited Speaker) <b>Presentation: Newton, A., 2014. "Global change and the coastal zone"</b> <b>Presentation: Newton, A., 2014. "Coastal syndromes and vulnerability"</b>
37	<b>LOICZ International Workshop on Land-Ocean Interactions in the Coastal Zone and Sustainable Development</b> Yantai, China, 15 <sup>th</sup> -17 <sup>th</sup> September 2015. (Invited Speaker) <b>Presentation: Newton, A., 2015. "Adaptive management frameworks for coastal social-ecological systems"</b>

**Table 24. Oral Presentations on Research Topics**

ORAL PRESENTATIONS	
1	<b>Conference: Southern European Coastal lagoons: the influence of River basin- Coastal Zone interactions. Theme 2a: Nutrients and Eutrophication</b> Ferrara, Italy, 10 <sup>th</sup> -12 <sup>th</sup> November 2003. <b>Presentation: Icely J.D., Edwards V., Newton A., Caetano S., Mendes P, Perreira G., &amp; Rodrigues R., 2003. "Aspects of the pelagic biology of the mesotidal lagoon, Ria Formosa, in Southern Portugal"</b>
2	<b>Conference: ASLO (American Society of Limnology and Oceanography) and The Oceanography Society Ocean Research Conference</b> Honolulu, Hawaii, USA 15 <sup>th</sup> -20 <sup>th</sup> de February 2004. <b>Presentation: Newton, A., Icely, J.D., 2004. "Coastal eutrophication the good, the bad and the ugly"</b>
3	<b>Conference: International Coastal Symposium</b> Itajaí - Santa Catarina, Brasil, 14 <sup>th</sup> -18 <sup>th</sup> March 2004. <b>Presentation: Newton, A., Icely, J.D., 2004. "Oceanographic applications to eutrophication in tidal, coastal lagoons, the Ria Formosa"</b>
4-5	<b>Conference: European Conference on Coastal Zone Research an ELOISE Approach.</b> Portoroz, Slovenia, 14 <sup>th</sup> -18 <sup>th</sup> November 2004. <b>Presentation: Newton, A., Icely, J.D., 2004. "Nutrient dynamics in the Ria Formosa lagoon. Implications for Surveillance Monitoring of Chemical Quality Elements in accordance with the Water Framework Directive."</b> <b>Presentation: Nobre, A.M., Ferreira, J.G., Newton, A., Simas, T. Icely, J.D. Neves R., 2004 "Integration of field data and ecosystem models for eutrophication management"</b>
6	<b>Conference: ASLO (American Society of Limnology and Oceanography)</b> Santiago de Compostella, Spain, June 2005.

**Table 24. Oral Presentations on Research Topics**

ORAL PRESENTATIONS	
7	<p><b>Presentation:</b> <b>Newton, A.</b>, 2005. <i>“Assessing and modelling Eutrophication”</i>  <b>Conference:</b> <b>2<sup>nd</sup> European Lagoon Conference</b>            Klaipeda, Lithuania, 4<sup>th</sup>-9<sup>th</sup> October 2005.</p> <p><b>Presentation:</b> <b>Newton, A.</b>, 2005. <i>“The Ria Formosa Lagoon (Portugal) and the Water Framework Directive”</i></p>
8	<p><b>Conference:</b> <b>ERF (Estuarine Research Federation Conference)</b>            Norfolk, Virginia, October 2005.</p> <p><b>Presentation:</b> <b>Newton, A.</b>, 2005. <i>“Managing river basins and estuaries: an international assessment of approach and progress”</i></p>
9-10	<p><b>Symposium:</b> <b>International Symposium on Eutrophication</b> <i>“Research and management of eutrophication in coastal ecosystems”</i>            Nyborg, Denmark, 20<sup>th</sup>-23<sup>rd</sup> June 2006.</p> <p><b>Workshop:</b> <i>Eutrophication of Coastal lagoons.</i></p> <p><b>Presentation:</b> <b>Newton, A.</b> and Dennison, W., 2006. <i>“Eutrophication in coastal lagoons”</i>  <b>Workshop:</b> <i>Coastal lagoons Research and Management.</i></p> <p><b>Presentation:</b> <b>Newton, A.</b>, Goela, P., Icely, J., 2006. <i>“The effect of drought on nutrients in the Ria Formosa coastal lagoon”</i></p>
11	<p><b>Conference:</b> <b>8<sup>th</sup> International Littoral Conference</b>            Gdansk, Poland, 18<sup>th</sup>- 20<sup>th</sup> September 2006.</p> <p><b>Presentation:</b> <b>Newton, A.</b>, Ferreira, G., Bricker S., 2006. <i>“The ASSETS Eutrophication Screening Model”</i></p>
12-13	<p><b>Conference:</b> <b>ECOSUMMIT Conference</b>            Beijing, China, 22<sup>nd</sup>-27<sup>th</sup> May 2007.</p> <p><b>Presentation:</b> <b>Icely, J.</b>, <b>Newton, A.</b>, Mudge, S., Oliveira, P., 2007. <i>“Episodic hypoxia: a problem for lagoon management”</i></p> <p><b>Presentation:</b> <b>Cristina S.</b>, <b>Newton A.</b>, <b>Icely, J.</b>, 2007. <i>“Integrative tools and methods in assessing ecological integrity in estuarine and coastal systems”</i></p>
14	<p><b>Joint IMBER / LOICZ Continental Margins Open Science Conference</b>            Shanghai, China, 16<sup>th</sup>-21<sup>st</sup> September 2007</p> <p><b>Presentation:</b> <b>Goela, P.</b>, <b>Newton, A.</b>, <b>Icely, J.</b>, 2007. <i>“The effect of drought on Nutrients in the Ria Formosa Lagoon</i>  <b>Session organizer:</b> S6 – <i>“Eutrophication and Oligotrophication in Coastal System”</i> This should be in the organization of events table</p>
15-17	<p><b>Conference:</b> <b>1ST LAGUNET Conference and 3rd European Conference on Lagoon Research</b>            Naples, Italy, 19<sup>th</sup>-23<sup>rd</sup> November 2007.</p> <p><b>Presentation:</b> <b>Newton, A.</b>, Basset, A., Viaroli, P., Zaldívar, J., 2007. <i>“The water framework directive and the DPSIR framework indicators of eutrophication of coastal lagoons”</i>  <b>Presentation:</b> <b>Mudge, S.</b>, <b>Icely, J.</b>, <b>Newton, A.</b>, 2007. <i>“Vulnerabilities in Transitional Waters – oxygen depletion”</i>  <b>Presentation:</b> <b>Icely, J.</b>, <b>Hinson, B.</b>, <b>Mudge, S.</b>, <b>Newton, A.</b>, 2007. <i>“Effect of sediment characteristics on the microphytobenthos community in the Ria Formosa lagoon, Portugal”</i></p>
18	<p><b>Conference:</b> <b>IGBP (International Geosphere-Biosphere Programme) Congress</b>            Capetown, South Africa, 5<sup>th</sup>-9<sup>th</sup> May 2008.</p> <p><b>Session:</b> <i>“Vulnerability of coastal livelihoods and response strategies in a changing Earth system”</i></p>

**Table 24. Oral Presentations on Research Topics**

ORAL PRESENTATIONS	
	<b>Presentation: Newton, A.,</b> Goela, P., Cristina, S., 2008 <i>"Climate change and wet/dry years effects in a coastal lagoon"</i>
19	<b>Workshop: ESA (European Space Agency) Intercalibration Workshop</b> Sweden, 29 <sup>th</sup> July until 1 <sup>st</sup> August 2008. <b>Presentation: Icely, J.,</b> Fragoso, B., <b>Newton, A.,</b> 2008. <i>"Validation of MERIS- medium resolution imaging spectrometer marine products at portuguese oceanic and coastal sites"</i>
20	<b>Workshop: LOICZ (Land-Ocean Interactions the Coastal Zone) workshop</b> <i>"Coastal nutrient budgeting: the LOICZ approach"</i> Anna University, Chennai, India, 10 <sup>th</sup> -13 <sup>th</sup> September 2008. <b>Presentation: Newton, A.,</b> 2008. <i>"Assessment of eutrophication"</i>
21	<b>Conference: Scientific Council of IGBP (International Geosphere-Biosphere Programme)</b> Sapporo, Japan, 13 <sup>th</sup> -20 <sup>th</sup> April 2009. Participation in IGBP SSC as LOICZ Chairperson. <b>Presentation: Newton, A.</b> and Zhu, T., 2009. <i>"Megacities in the coastal zone"</i>
22	<b>Workshop: LOICZ (Land Ocean Interactions in the Coastal Zone) Workshop</b> <i>"Coastal Lagoons"</i> Rabat, Morocco, 8 <sup>th</sup> -18 <sup>th</sup> May 2009. <b>Presentation: Newton A.,</b> 2009. <i>"Drivers, pressures, state, impact and response framework for coastal lagoons"</i>
23	<b>Workshop: KnowSeas (Knowledge-based Sustainable Management for Europe's Seas) project First scientific workshop</b> Vrie University, Amsterdam, 30 <sup>th</sup> September until 2 <sup>nd</sup> October 2009. <b>Presentation: Newton, A.,</b> 2009. <i>"The water framework directive ecological status and the marine strategy framework directive environmental status"</i>
24	<b>Conference: 7FP KnowSeas (Knowledge-based Sustainable Management for Europe's Seas) project meeting</b> Holand, University of Amsterdam, 30 <sup>th</sup> October 2009. <b>Presentation: Newton, A.,</b> 2009. <i>"The water framework directive ecological status and the marine strategy directive environmental."</i>
25	<b>Conference: CERF (Coastal and Estuarine Research Federation) Conference</b> Portland, Oregon, USA, 2 <sup>nd</sup> -6 <sup>th</sup> November 2009. <b>Presentation: Eutrophication session SCI-093</b> <b>Newton, A.,</b> 2009. <i>"Nutrient budgets and nutrient accounting for coastal waters".(Cancelled)</i>
26	<b>Conference: 4th European Conference on Coastal Lagoon Research</b> <i>"Research and Management for the Conservation of Coastal Lagoon Ecosystems, South - North comparisons"</i> Montpelier, France, 14 <sup>th</sup> -18 <sup>th</sup> December 2009. <b>Presentation: Newton, A.,</b> 2009. <i>"Using a system approach and the DPSIR framework for lagoons in the context of global change"</i>
27	<b>Conference: SPICOSA (Science and Policy Integration for Coastal System Assessment) project 5th "SAF- Systems Approach Framework" Science meeting</b> Turkey, Istanbul, 3 <sup>rd</sup> -5 <sup>th</sup> February 2010. <b>Presentation: Icely, J., Newton, A.,</b> 2010. <i>"Field training experience and beyond"</i>
28	<b>Workshop ESA (European Space Agency): MERIS Validation Team Meeting</b> Ispra, Italy, 8 <sup>th</sup> -10 <sup>th</sup> March 2011. <b>Presentation: Icely, J.,</b> Cristina. S., Goela, P., <b>Newton, A.,</b> 2011. <i>"MERIS validation activities in Portugal"</i>

Table 24. Oral Presentations on Research Topics

ORAL PRESENTATIONS	
29	<b>Workshop ESA (European Space Agency): GKSS MERIS Validation</b> Lauenburg, Germany, 29 <sup>th</sup> -31 <sup>st</sup> March 2011. <b>Presentation:</b> <u>Icely, J.</u> , Moore, G., Cristina, S., Goela, P., <b>Newton, A.</b> , Kratzer, S., 2011. <i>"Validation of MERIS marine products at Portuguese oceanic and coastal sites"</i>
30	<b>International Symposium on ICZM (Integrated Coastal Zone Management)</b> Arendal, 4 <sup>th</sup> -7 <sup>th</sup> July 2011. <b>Presentation:</b> Gault, J., <u>Icely, J.</u> , <b>Newton, A.</b> , Glegg, G., Lowe, C., Reis, J., Hills, J. Le Tissier, M., 2011. <i>"Life after SPICOSA: The SAF legacy"</i>
31-32	<b>Symposium: 5<sup>th</sup> European Coastal Lagoon Symposium</b> University of Aveiro, 25 <sup>th</sup> -30 <sup>th</sup> July 2011. <b>Presentation:</b> <u>Iglesias, M.</u> , Roselli, L., <b>Newton, A.</b> , Goela, P., Cristina, S., D'Adamo, R., 2011. <i>"Geomorphology as a driving factor to the trophic status of several Southern Europe coastal lagoons"</i> <b>Presentation:</b> <u>Brito, A.</u> , Facca, C., <b>Newton, A.</b> , Fernandes, T., Tett, P., 2011. <i>"The importance of microphytobenthos in shallow coastal lagoons: a comparative analysis with phytoplankton"</i>
33	<b>Co-designing knowledge joint workshop NKGCF-ESSP-ISSC-ICSU</b> Berlin, 7 <sup>th</sup> -9 <sup>th</sup> March 2012. <b>Presentation:</b> <b>Newton, A.</b> , 2012. <i>"International integration"</i>
34-35	<b>Planet Under Pressure Conference</b> London, 26 <sup>th</sup> -27 <sup>th</sup> March 2012. <b>Presentation:</b> <u>Middlegard, M.</u> , Amundsen, H., <b>Newton, A.</b> , 2012. <i>"Rockstroms rosette"</i> <b>Presentation:</b> <u>Glaser, M.</u> , Kremer, R., Ramachandran, R., Carruthers, T., <b>Newton, A.</b> , Forbes, D., Wolanski, E., 2012. <i>"Islands at risk"</i>
36	<b>Estuarine and Coastal Science Association 50<sup>th</sup> Symposium</b> Venice, 4 <sup>th</sup> -7 <sup>th</sup> June 2012. <b>Presentation:</b> <b>Newton, A.</b> , Elliott, M., Tett, P., <u>Icely, J.</u> , 2012. <i>"Future proofing coastal lagoons"</i>
37	<b>EAD (Environment Agency – Abu Dhabi ) Workshop</b> United Arab Emirates, Abu Dhabi, 27 <sup>th</sup> June 2012. <b>Presentation:</b> <b>Newton, A.</b> , 2012. <i>"Guidelines for applying and assessing DPSIR"</i>
38	<b>6th International Congress on Environmental Modelling and Software (iEMSs) 2012</b> Leipzig, Germany, 1 <sup>st</sup> -5 <sup>th</sup> July 2012. <b>Presentation:</b> <u>Guimarães, M.</u> , Ballé-Béganton, J., Bailly, D., <b>Newton, A.</b> 2012. <i>"Transdisciplinary conceptual modeling of socio-ecological system; what, why, how – a case study application in Terceira Island, Azores"</i>
39	<b>ASLO (American Society of Limnology and Oceanography) conference</b> Japan, Lake Biwa, 12 <sup>th</sup> July 2012. <b>Presentation:</b> <b>Newton, A.</b> , 2012. <i>"Lessons learned from tsunamis for vulnerable coastal populations"</i>
40	<b>Community-based Management of Environmental Challenges in Latin America, Stakeholder Meeting Monte Hermoso</b> Argentina, 30 <sup>th</sup> August 2012. <b>Presentation:</b> <u>Icely, J.</u> , <b>Newton, A.</b> , 2012. <i>"Acuicultura en mar abierto"</i>
41	<b>EcoSummit 2012 conference "Ecological Sustainability, Restoring the Planet's Ecosystem Services"</b> Columbus Ohio, USA, 30 <sup>th</sup> September until 05 <sup>th</sup> October 2012. <b>Presentation:</b> Delgado-Serrano, M. M., <b>Newton, A.</b> , 2012. <i>"Community-Based Management of Environmental Challenges in Latin America"</i>



Table 24. Oral Presentations on Research Topics

ORAL PRESENTATIONS	
	(Cancelled)
42	<b>IAHS/IAPSO/IASPEI Scientific Assembly</b> Sweden, Gothenburg, 22 <sup>nd</sup> – 26 <sup>th</sup> July 2013. <b>Presentation:</b> <u>Foufoula-Georgiou, E.</u> , Overeem, I., Saito, Y., Dech, S., Kuenzer, C., Goodbred, S., Harrison, I., Anthony, E., Brondizio, E., Hutton, J., Nicholls, R., Matthews, Z., Dearing, J., Lazar, A., Baschieri, A., <b>Newton, A.</b> , et al., 2013. "A vision for a coordinated international effort on delta sustainability"
43	<b>ESA Living Planet Symposium</b> Scotland, Edimburg, 9 <sup>th</sup> - 13 <sup>th</sup> September 2013. <b>Presentation:</b> " <u>Icely, J.D.</u> , Cristina, S.V., Goela, P.C., Moore, G.F., Danchenko, S.A., <b>Newton, A.</b> , 2013. "Validation of MERIS products at Sagres, SW Portugal between 2008-2012"
44	<b>Science for Environment 2013</b> Aarhus, Denmark 3 <sup>rd</sup> -4 <sup>th</sup> October 2013. <b>Presentation:</b> Delgado-Serrano, M.M., Ambrosio-Albalá, M.J., <b>Newton, A.</b> , 2013 "Linking Knowledge to Action"
45-47	<b>ECSCA 53 and Ocean &amp; Coastal Management. Estuaries and coastal areas in times of intense change</b> Shanghai, China, 13 <sup>th</sup> -17 <sup>th</sup> October 2013 <b>Session Title:</b> "LOICZ East Asia Yantai Node Session River mouths and coastal sustainability" <b>Presentation:</b> <b>Newton, A.</b> , <u>Icely, J.D.</u> , 2013. "River mouth syndromes and coastal sustainability" <b>Session Title:</b> "Economic development and ecological and socio-cultural risks: the socio-cultural-economic-ecology interface" <b>Presentation:</b> <u>Icely, J.D.</u> , <b>Newton, A.</b> , 2013. "Community based management of environmental challenges in Latin America" <b>Session Title:</b> "Environmental challenges and remediation in view of climate change and related phenomena" <b>Presentation:</b> <u>Brito, A.C.</u> , <b>Newton, A.</b> , 2013. "Ecosystem services of coastal lagoons: past, present and future"
48	<b>EuroMedLag 2013 European Conference on Coastal Lagoon Research</b> Italy, Lecce, 16 <sup>th</sup> – 19 <sup>th</sup> december 2013. <b>Presentation:</b> <b>Newton A</b> , <u>Icely, J.D.</u> , 2013. "DPSIR revisited"
49-52	<b>ECSCA 54 Conference - Coastal systems under change: tuning assessments and management tools.</b> Portugal, Sesimbra, 12 <sup>th</sup> – 16 <sup>th</sup> May 2014. <b>Theme 3: Shifts in biodiversity and ecosystem functioning.</b> <b>Presentation:</b> <u>Goela, P.C.</u> , Cristina, S., Danchenko, S., <u>Icely, J.D.</u> , <b>Newton, A.</b> , DelValls, T.A., 2014. "The use of bio-optical parameters to determine shifts in phytoplankton community during bloom events off the Southwest coast of the Iberian Peninsula" <b>Presentation:</b> Jayasinghe, R.P.P.K., <b>Newton, A.</b> , 2014. "Links between descriptors of Good Environmental Status (GEnS): Commercial Fisheries and Marine Biodiversity" <b>Theme 6: Improving management and decision processes: advances in predictive tools</b> <b>Presentation:</b> <u>Cristina, S.</u> , Goela, P.C., <u>Icely, J.</u> , <b>Newton A.</b> , DelValls T.A., 2014. "The use of validated remote sensing products for supporting the implementation of the European Marine Strategy Framework Directive using the Southwestern coast of the Iberian Peninsula as a case study"

**Table 24. Oral Presentations on Research Topics**

ORAL PRESENTATIONS	
	<p><b>Presentation:</b> <u>Fragoso, B., Icely J.D., Newton, A., DelValls, T.A.</u>, 2014. <i>“Incorporation of scientific knowledge into the regulation and management of sustainable offshore aquaculture at Sagres, Portugal”</i></p>
53-54	<p><b>2015 ASLO Aquatic Sciences Meeting</b> Spain, Granada, 22<sup>nd</sup> to 27<sup>th</sup> February 2015.</p> <p><b>Presentation:</b> <u>Fragoso, B., Icely, J., Newton, A.</u>, 2015. <i>“Implementation of Bivalve Offshore Aquaculture within a Natural Park”</i></p> <p><b>Presentation:</b> <u>Jayasinghe, P., Newton, A.</u>, 2015. <i>“Evaluation of the status of selected marine fisheries in the EU region based on life history of fish”</i></p>
55-56	<p><b>ECSA 55 Conference – Unbounded boundaries and shifting baselines.</b> United Kingdom, London, 6<sup>th</sup> – 9<sup>th</sup> September 2015.</p> <p><b>Special Session:</b> “Environmental Management of Enclosed Coastal Seas (EMECS SPONSORED)”</p> <p><b>Presentation:</b> Chen, Z., Xu, H., <u>Newton, A.</u>, Wolanski, E., 2015. <i>“The fate of Phosphorus in the Yangtze (Changjiang) Estuary, China, under multi stressors: hindsight and forecast”</i></p> <p><b>Special Session:</b> “Everyone is involved in risk assessment and risk management, so how do we achieve good status?”</p> <p><b>Presentation:</b> <u>Newton, A.</u>, Elliott, M., 2015. <i>“Who's who in marine management?-A typology of stakeholders”</i></p>
57-58	<p><b>International Workshop on Land-Ocean Interactions in the Coastal Zone and Sustainable Development</b> China, Yantai, 15<sup>th</sup>-17<sup>th</sup> September 2015</p> <p><b>Presentation:</b> <u>Xu, H., Chen, Z., Newton, A., Wolanski, E.</u>, 2015. <i>“The fate of Phosphorus in the Yangtze (Changjiang) Estuary, China, under multi stressors: hindsight and forecast”</i></p> <p><b>Presentation:</b> Li, S., Ma, HQ., <u>Newton, A.</u>, Tu, C., Chen, ZY., Luo, YM., 2015. <i>“Towards a unified framework for coastal systems in China”</i></p>
59	<p><b>International Workshop on Marginal Seas 2015</b> <i>“Marginal Seas and their coastal areas-transit and buffer zones in continent-ocean interaction”</i> China, Yantai, 17<sup>th</sup>-19<sup>th</sup> September 2015</p> <p><b>Presentation:</b> <u>Newton, A.</u> 2015. <i>“Global change in the coastal zone”</i></p>
60	<p><b>The 1<sup>st</sup> Kenya Coastal Development Project (KCDP) Conference: “Coastal Resources and People”</b> Kenya , 25<sup>th</sup>- 30<sup>th</sup> November 2015</p> <p><b>Presentation:</b> Awuor, O., <u>Newton, A.</u>, Icely, J., Danchenko, S., Goela, P., Cristina, S., Fragoso, B., 2015. <i>“Nutrient Stoichiometry as a Tool for Determining Nutrient Condition in Coastal Systems”</i></p>
61-63	<p><b>European Coastal Lagoons Symposium “Vindicating the biological and socioeconomic importance of transitional waters”</b> University of Murcia, Spain. 1st to 4th March 2016 <a href="http://www.um.es/7eurolag/">http://www.um.es/7eurolag/</a></p> <p><b>Presentation:</b> <u>Newton, A.</u>, Canedo, M., March, D., Icely, J. D., 2016. <i>Assessing the effect of management measures in the Ria Formosa coastal lagoon, Portugal.</i></p> <p><b>Presentation:</b> Owuor, M., <u>Newton, A.</u>, Icely J., Nyunja, J., Otieno, P., Oduor, N., 2016. <i>Mapping of ecosystem services in Mida creek Kenya, an initial step to integrated natural resource management.</i></p> <p><b>Workshop on the European framework for coastal lagoons management and priorities in coastal lagoon research</b></p>



**Table 24. Oral Presentations on Research Topics**

ORAL PRESENTATIONS	
64	<p><b>Presentation:</b> Brito, A.C., <b>Newton, A.</b>, 2016. <i>Ecosystem Services of Coastal Lagoons: a global perspective.</i></p> <p><b>Living Planet Symposium 2016</b> Prague, Czech Republic, 9-13 May 2016</p> <p><b>Oral Presentation:</b> Icely, J., Cristina, S., D'Alimonte, D., Danchenko, S., Fragoso, B., Goela, P., Kajiyama, T., Moore, G., <b>Newton, A.</b>, Carolina, S., 2016. "Contribution of the Sagres site (Portugal) to the upgrade and validation of the algorithms for the MERIS 4th Reprocessing"</p>

**Table 25. Posters**

POSTERS	
1	<p><b>UK'96 Oceanography</b> Bangor, 1<sup>st</sup>-5<sup>th</sup> September 1996.</p> <p><b>Poster:</b> <b>Newton, A.</b>, Dodge, J.D., Icely J.D., 1996. "Upwelling, nutrients, dinoflagellates and aquaculture"</p>
2	<p><b>European Conference on Coastal Zone Research: an ELOISE Approach</b> Rende, Italy, 5<sup>th</sup>-7<sup>th</sup> September 2001.</p> <p><b>Poster:</b> <b>Newton, A.</b>, Icely, J.D., Vale, C., Nobre, A., Nunes, J.P., Ferreira, J. G., 2001. "Eutrophication in the Ria Formosa coastal lagoon, Portugal"</p>
3	<p><b>Challenger Centenary Conference on Marine Science</b> Plymouth, U.K., 9<sup>th</sup>-13<sup>th</sup> September 2002.</p> <p><b>Poster:</b> Pereira, M.G., Mudge, S.M., Icely, J.D. &amp; <b>Newton, A.</b>, 2002. "Seasonal variation of phytopigments in the waters of the Ria Formosa, Portugal"</p>
4	<p><b>6th International LITTORAL Conference</b> Porto, Portugal, 22<sup>nd</sup>-26<sup>th</sup> September 2002.</p> <p><b>Poster:</b> <b>Newton, A.</b>, Icely, J.D. 2002. "Impact of coastal engineering on the water quality of the Ria Formosa lagoon, Portugal"</p>
5-6	<p><b>Federation of European Microbiology Societies International Conference</b> Taormina, Sicily, Italy, 25<sup>th</sup>-29<sup>th</sup> October 2002.</p> <p><b>Poster:</b> Caetano, S., Mendes, P., Icely, J., Galvão, H., &amp; <b>Newton, A.</b> 2002 "Seasonal variation of phytoplankton in the Ria Formosa lagoon – South Portugal."</p> <p><b>Poster:</b> Mendes, P., Caetano, S., Icely, J., Galvao, H. &amp; <b>Newton, A.</b> 2002 "Primary and bacterial production in the Ria Formosa (SE Portugal): Coupled or not?"</p>
7-10	<p><b>European Conference on Coastal Zone Research: An ELOISE Approach</b> Gdansk, Poland, 24<sup>th</sup>-27<sup>th</sup> March 2003.</p> <p><b>Poster:</b> Edwards, V., Icely, J.D., Webster, R., &amp; <b>Newton, A.</b>, 2003. "A comparison of the yield of chlorophyll from nitrogen between the lagoonal waters of the Ria Formosa and the oceanic waters off Sagres on the Southern coast of Portugal"</p> <p><b>Poster:</b> Icely, J.D., Edwards, V., Caetano, S., Mendes P., &amp; <b>Newton, A.</b>, 2003. "The use of parameters Psi (<math>\Psi</math>) and Eta (<math>\eta</math>) to compare seasonal changes in the microplankton of the Ria Formosa lagoon, Portugal".</p> <p><b>Poster:</b> Mendes, P., Icely, J.D., Perreira G., &amp; <b>Newton A.</b>, 2003. "A comparison of seasonal changes in primary and bacterial production at three contrasting sites in the Ria Formosa lagoon, Southern Portugal"</p> <p><b>Poster:</b> Nobre, A., Ferreira, J.G., Icely, J.D., <b>Newton, A.</b>, &amp; Lencart-Silva, J., 2003. "Land-ocean interactions for a shallow mesotidal lagoon – analysis by ecological modelling"</p>

Table 25. Posters

POSTERS	
11-12	<p><b>First World Environmental Education Conference</b> Espinho, Portugal, 23<sup>rd</sup>-25<sup>th</sup> May 2003. <b>Poster:</b> Newton, A., 2003. "European Joint Master of Science in Water and Coastal Management" <b>Poster:</b> Newton, A., 2003. "Environmental Education in multidisciplinary teacher training"</p>
13	<p><b>Estuarine Research Federation Conference "Estuaries on the Edge"</b> Seattle, USA, 14<sup>th</sup>-18<sup>th</sup> September 2003. <b>Poster:</b> Loureiro, S., Newton, A., Icely, J.D., 2003. "Nutrient availability and microplankton composition in the Ria Formosa coastal lagoon (S. Portugal), spatial and seasonal variability"</p>
14	<p><b>Southern European Coastal Lagoons Conference The influence of River basin- Coastal Zone interactions Theme 2a: Nutrients and Eutrophication</b> Ferrara, Italy, 10<sup>th</sup>-12<sup>th</sup> November 2003. <b>Poster:</b> Loureiro, S., Newton, A., &amp; Icely, J.D., 2003. "Effects of nutrients reaching the Ria Formosa coastal lagoon (S. Portugal): enrichment experiments and primary production"</p>
15-16	<p><b>GEOHAB Open Science Meeting "Harmful Algal Blooms HABS in Upwelling Systems"</b> Lisboa, Portugal, 17<sup>th</sup>-20<sup>th</sup> November 2003. <b>Poster:</b> Dodge, J., Icely, J.D. &amp; Newton, A., 2003. "Eight years of dinoflagellates from a Portuguese upwelling system" <b>Poster:</b> Loureiro, S., Newton, A., &amp; Icely, J.D., 2003. "Upwelling regime at Sagres (SW Portugal): microplankton composition and production during Summer 2001"</p>
17-18	<p><b>European Conference on Coastal Zone Research: An Eloise Approach</b> Portoroz, Slovenia, 15<sup>th</sup>-18<sup>th</sup> November 2004. <b>Poster:</b> Loureiro, S., Newton, A., Icely, J.D., 2004. "Nutrient and microplankton dynamics in the Ria Formosa coastal lagoon (S. Portugal): Natural and Enriched samples" <b>Poster:</b> Newton, A., Icely, J., 2004. "Nutrient dynamics in the Ria Formosa Lagoon: Implications for Surveillance Monitoring of Chemical Quality Elements in Accordance with the Framework Directive"</p>
19	<p><b>SCOR (Science Council for Ocean Research) Working Group 115 Mini-Symposium: "Standards for the survey of and analysis of plankton"</b> Plymouth, England, 19<sup>th</sup>-20<sup>th</sup> May 2006. <b>Poster:</b> Dodge, J.D., Icely, J., Newton, A., Legrand, C., 2006. "Diversity and succession of marine dinoflagellates over eight years from a Portuguese upwelling system"</p>
20	<p><b>Royal Society of Chemistry Conference of the on "Environmental Forensics"</b> University of Durham, England, 18<sup>th</sup>-21<sup>st</sup> September 2006. <b>Poster:</b> Wayland, D., Megson, D.P., Mudge, S.M., Icely, J.D., Newton, A., 2006. "Identifying the source of nutrient contamination in a lagoon system"</p>
21-22	<p><b>KnowSeas (Knowledge-based Sustainable Management for Europe's Seas) project First science conference</b> Palma de Mallorca, Spain, 7<sup>th</sup>- 9<sup>th</sup> April 2010. <b>Poster:</b> Icely, J.D. &amp; Newton, A., 2010. "Good Ecological Status" <b>Poster:</b> Newton, A., Icely, J.D., Cristina, S., 2010. "Good Environmental Status"</p>
23-24	<p><b>The Living Planet Symposium</b> Norway, Bergen, 28<sup>th</sup> June until 2<sup>nd</sup> July 2010. <b>Poster:</b> Goela, P. Icely, J.D., Cristina, S., Newton, A., 2010. "Absorption coefficient of particulate matter on the south-west coast of Europe: A contribution to the validation of the MERIS sensor" <b>Poster:</b> Cristina, S., Icely, J.D., Goela, P., Newton, A., 2010. "Validation of MERIS satellite products in oceanic waters off Cape Sagres on the south-west coast of Portugal"</p>

Table 25. Posters

POSTERS	
25-28	<p><b>Estuarine &amp; Coastal Sciences Association 47th Symposium "Integrative Tools and Methods in Assessing Ecological Quality in Estuarine and Coastal Systems Worldwide"</b> Figueira da Foz, Portugal, 14<sup>th</sup>-19<sup>th</sup> September 2010.</p> <p><b>Poster:</b> Goela, P., Cristina, S., Luís, C., Icely, J.D., <b>Newton, A.</b>, 2010. "Effect of rainfall on the water quality of a coastal lagoon in the context of climate change"</p> <p><b>Poster:</b> Cristina, S., Goela, P.C., Luís, C., Icely, J.D., <b>Newton, A.</b>, 2010. "Assessment of water quality and Biological Quality Elements of the Ria Formosa coastal lagoon in accordance with the Water Framework Directive"</p> <p><b>Poster:</b> Cañedo-Argüelles, M., Rieradevall, M., Farrés-Corell, R., <b>Newton, A.</b>, 2010. "Response of coastal lagoons to multiple stressors: Implications for the evaluation of their trophic state."</p> <p><b>Poster:</b> Danchenko, S., Cañedo-Argüelles, M., Ivanova, K., <b>Newton, A.</b>, Ramos, J. "Comparison of environmental quality of intertidal flats using shorebird assemblages, benthos communities and sediment data (Ria Formosa lagoon)."</p>
29-30	<p><b>Ocean Optics Conference</b> Anchorage, Alaska, 27<sup>th</sup> September until 1<sup>st</sup> October de 2010.</p> <p><b>Poster:</b> Cristina, S., Icely, J.D., Goela, P., <b>Newton, A.</b>, 2010. "Evaluation of the MERIS marine products in coastal and oceanic waters off Cape Sagres on the south-west coast of Portugal"</p> <p><b>Poster:</b> Goela, P., Icely, J.D., Cristina, S., <b>Newton, A.</b>, 2010. "Light absorption by particulate and dissolved organic matter in coastal and oceanic sites off the Southwest Coast of Europe: A contribution to MERIS sensor validation"</p>
31	<p><b>Second KnowSeas (Knowledge-based Sustainable Management for Europe's Seas) Conference</b> Istanbul, Turkey, 23<sup>rd</sup>-25<sup>th</sup> February 2011.</p> <p><b>Poster:</b> Icely, J., <b>Newton, A.</b>, Arguelles, M., Icely, D., 2011. "Ecosystem-Based Management System: Enhancing Stakeholder Capacity tool – (EMBS:ESCA tool)"</p>
32	<p><b>5th Eurolag European Lagoon Symposium</b> Aveiro, Portugal, 25<sup>th</sup>-30<sup>th</sup> July 2011.</p> <p><b>Poster:</b> Brito, A., <b>Newton, A.</b>, Tett, P., Fernandes, T., 2011. "Measuring light attenuation in coastal shallow lagoons"</p>
33	<p><b>ESA, SOLAS, EGU Joint Conference, Earth Observation for Ocean Ocean- Atmosphere Interactions Science</b> Frascati, Italy, 29<sup>th</sup> November until 02<sup>nd</sup> December 2011.</p> <p><b>Poster:</b> Icely, J.D., Moore, G.F., Goela, P.C., Cristina, S.V., <b>Newton, A.</b>, 2011. "Contribution of Earth Observation to understanding the upwelling conditions off the SW coast of Portugal"</p>
34	<p><b>EcoSummit 2012 conference "Ecological Sustainability, Restoring the Planet's Ecosystem Services"</b> Columbus Ohio, USA, 30<sup>th</sup> September until 05<sup>th</sup> October 2012.</p> <p><b>Poster:</b> Kobernus, M., <b>Newton, A.</b>, 2012. "Agile programming and its applicability to large, distributed international research projects and their management"</p>
35-36	<p><b>ESA – ESRIN workshop: Sentinel-3 OCLI/SLSTR &amp; MERIS/(A) ATSR</b> Frascati, Italy, 15<sup>th</sup>-19<sup>th</sup> October 2012.</p> <p><b>Poster:</b> Brito, A., Brotas, V., Cristina, S., D'Alimonte, D., Goela, P., Icely, J., Kajiyama, T., Moore, G., <b>Newton, A.</b>, Sá, C., 2012. "OCPortugal Consortium: Activities and Challenges"</p> <p><b>Poster:</b> Icely, J. D., Moore, G. F., Danchenko, S. A., Goela, P.C., Cristina, S.V., Zacarias, M., <b>Newton, A.</b>, 2012. "Contribution of remote sensing products to the management of offshore aquaculture at Sagres, Portugal"</p>
37-38	<p><b>KnowSeas (Knowledge-based Sustainable Management for Europe's Seas) 4<sup>th</sup> Scientific Workshop</b> Brugge, Belgium, 27<sup>th</sup>-30<sup>th</sup> November 2012.</p>

Table 25. Posters

POSTERS	
	<p><b>Poster:</b> Sardá, R., Icely, J., Le-Tissier, M., White, H., Icely, D., <b>Newton, A.</b>, March, D., Jansen, R., Steuben, M., O'Higgins, T., 2012. "The web platform tool (<a href="http://www.msfd.eu">www.msfd.eu</a>)"</p> <p><b>Poster:</b> <b>Newton, A.</b>, Icely, J., O'Higgins, T., Zacarias, M., 2012. "Management of the norwegian sector of the North Sea"</p>
39	<p><b>ESA Living Planet Symposium</b> Edinburgh, 9<sup>th</sup>-13<sup>th</sup> September 2013.</p> <p><b>Poster:</b> Icely, J.D., Moore, G.F., Cristina, S.C., Goela, P.C., <b>Newton, A.</b>, 2013. "Linking MERIS validation at Sagres, SW Portugal with validation of OLCI and SLSTR sensors on Sentinel -3"</p>
40	<p><b>ICES Annual Science Conference 2013</b> Reykjavik, Iceland, 23<sup>rd</sup> – 27<sup>th</sup> September 2013.</p> <p><b>Poster:</b> Borja, A., Elliot, M., Austen, M., Heiskanen, A., Berg, T., Lynam, C., Wilson, C., Danovaro, R., Danovaro, R., Cochrane, S., Carstensen, J., <b>Newton, A.</b>, et al., 2013. "Improved understanding of marine biodiversity: modelling, improved indicators, and integrated assessment (DEVOTES project 2012-2016)"</p>
41-43	<p><b>Annual Meetings: First Annual Meeting of DEVOTES (Development of innovative tools for understanding marine biodiversity and assessing good environmental status) Project.</b> (<a href="http://www.devotes-project.eu/">http://www.devotes-project.eu/</a>). 2013 Spain, Bilbao, 26<sup>th</sup> – 28<sup>th</sup> november 2013.</p> <p><b>Poster:</b> Jayasinghe, R.P.P.K., <b>Newton A.</b>, 2013. "Links between two descriptors of GES: Biodiversity (D1) and Eutrophication (D5)"</p> <p><b>Poster:</b> Goela, P.C., Danchenko, S., <b>Newton, A.</b>, Icely, J.D., Cristina, S., 2013. "CHEMTAX: The use of pigments to monitor phytoplankton biodiversity"</p> <p><b>Poster:</b> Fragoso, B., Icely, J.D., <b>Newton, A.</b>, DelValls, T.A., 2013. "Incorporation of scientific knowledge into the regulation and management of sustainable offshore aquaculture at Sagres, Portugal"</p>
44	<p><b>ESA ESRIN Workshop: Sentinel 2 for Science Workshop</b> Italy, Frascati, 20<sup>th</sup> – 23<sup>rd</sup> May 2014.</p> <p><b>Poster:</b> Icely, J.D., Moore, G.F., D'Alimonte, D., Cristina, S.V., Goela, P.C., Danchenko, S., Fragoso, B.D.D, <b>Newton, A.</b>, 2013. "The potential contribution of Sentinel 2 to the management of offshore aquaculture in the coastal waters off Sagres"</p>
45-46	<p><b>ECSCA 54 Conference - Coastal systems under change: tuning assessments and management tools.</b> Portugal, Sesimbra, 12<sup>th</sup> - 16<sup>th</sup> May 2014.</p> <p><b>Poster:</b> Semeoshenkova, V., <b>Newton, A.</b>, 2014. "An overview of existing European approaches for beach management"</p> <p><b>Poster:</b> Mansur, A., <b>Newton, A.</b>, 2014. "A framework for the integrated assessment of River Mouth Systems vulnerability"</p>
47-48	<p><b>First Mares Conference Marine Ecosystems Health and Conservation</b> Portugal, Olhão, 17<sup>th</sup> – 21<sup>st</sup> November 2014.</p> <p><b>Poster:</b> Icely, J.D., Fragoso, B. D.D., <b>Newton, A.</b>, Zacarias, M., 2014. "Monitoring Approaches to understanding interactions of bivalve offshore aquaculture and the environment at Sagres, Portugal"</p> <p><b>Poster:</b> Fragoso, B. D.D, Neto, J., Icely, J., <b>Newton, A.</b>, 2014. "An initial characterisation of the Biological Quality Element, phytoplankton, in the Portuguese estuary of the River Mondego"</p>

Table 25. Posters

POSTERS	
49	<p><b>ESA – EUMETSAT Sentinel-3 Validation Team Meeting</b> Germany, Darmstadt, 3<sup>rd</sup>-4<sup>th</sup> December 2014. <b>Poster:</b> Icely, J.D., Cristina, S.C., Goela, P.C., Moore, G.F., Danchenko, S., Fragoso, B., <b>Newton, A.</b>, 2014. “Towards validation and data product assessment of Sentinel – 3: Contribution of Sagres Team”</p>
50	<p><b>2015 ASLO Aquatic Sciences Meeting</b> Spain, Granada, 22<sup>rd</sup> to 27<sup>th</sup> February 2015. <b>Poster:</b> Jayasinghe, P., <b>Newton, A.</b>, 2015. “Evaluation of the status of selected marine fisheries in the EU region based on life history of fish”.</p>
51	<p><b>Sentinel- 3 for Science Workshop</b> Venice, Italy, 2<sup>nd</sup> – 5<sup>th</sup> June 2015. <b>Poster:</b> Cristina, S., Dalimonte, D., Goela, P., Kajiyama, T., Icely, J., Moore, G., Fragoso, B., <b>Newton, A.</b>, 2015. “Standard and Regional Bio-optical Algorithms for Chloropyll a Estimates in the Atlantic off the SW Iberian Peninsula”</p>
52-53	<p><b>ECSCA 55 Unbounded boundaries and shifting baselines: Estuaries and coastal seas in a rapidly changing world</b> United Kingdom, London, 6<sup>th</sup>- 9<sup>th</sup> September 2015. <b>Poster:</b> Semeoshenkova, V., <b>Newton, A.</b>, 2015. “Development and application of an integrated Beach Quality Index (WQI) to assess “Environmental quality” and “Public safety and welfare” for three different types of beaches” <b>Poster:</b> Icely, J., <b>Newton, A.</b>, Canedo, M., March, D., 2015. “Assessing the effectiveness of management measures in the Ria Formosa coastal lagoon, Portugal”</p>
54-58	<p><b>Primeras Jornadas Bonaerenses sobre Conservación de Ambientes y Patrimonio Costero</b> Argentina, Monte Hermoso, 1<sup>st</sup> -3<sup>rd</sup> October 2015. <b>Poster:</b> Berninsone, L., Del Valls, A., <b>Newton, A.</b>, 2015. “Método de peso de la evidencia para la calidad de sedimentos en Bahía Blanca” <b>Poster:</b> Berninsone, L., <b>Newton, A.</b>, Icely, J., 2015. “Marco de gestión adaptada para las pesquerías artesanales de Monte Hermoso y Pehuen- C6” <b>Poster:</b> Semeoshenkova, V., <b>Newton, A.</b>, Berninsone, L., Berninone, E., 2015. “Premios a la calidad de playas.” <b>Poster:</b> Semeoshenkova, V., Berninsone, L., Berninsone, E., Cisneros Huamantínco, M.A., Bustos, M. L., Ferrelli, F., Piccolo, M.C., Perillo, G.M.E., Icely, J., <b>Newton, A.</b>, 2015. “Estructuras rígidas y blandas” <b>Poster:</b> Bustos, M.L., Cisneros Huamantínco, M.A., Ferrelli, F., Piccolo, M.C., Perillo, G.M.E., Semeoshenkova, V., Berninsone, L., Berninone, E., Icely, J., <b>Newton, A.</b>, 2015. “Destrucción de médanos por cuatriciclos y otros vehículos todo terreno”</p>
59-62	<p><b>Mares conference</b> Olhão, Portugal. 1<sup>st</sup>-5<sup>th</sup> February 2016. <b>Poster:</b> Danchenko, S., Dodge, J., Icely, J.D., Fragoso, B.D.D., <b>Newton, A.</b>, 2016. “Composition and dynamics of armoured dinoflagellates assemblages in the upwelling region (Cape Saint Vincent, Sagres, Portugal)”. <b>Poster:</b> Oduor, N. A., <b>Newton, A.</b>, Icely, J. D., Danchenko, S., Goela, P., Cristina S., Fragoso B. D.D., 2016. “Nutrient stoichiometry as a tool for determining nutrient condition in coastal systems”. <b>Poster:</b> Owuor, M.A, <b>Newton, A.</b> Icely, J.D., Nyunja, J., Otieno, P., Oduor, N.A., 2016. “Mapping of ecosystem services in Mida Creek Kenya, an initial step to integrated natural resource management”.</p>

Table 25. Posters

POSTERS	
	<b>Poster:</b> Fragoso, B.D.D., Icely, J.D., Oduor, N. A., Moore, G., Neto, J.M., Danchenko, S. <b>Newton, A.</b> , 2016. <i>“Monitoring approaches for supporting offshore aquaculture management and EU Directives at Sagres, Portugal”</i>
63	<b>European Coastal Lagoons Symposium “Vindicating the biological and socioeconomical importance of transitional waters”</b> University of Murcia, Spain. 1 <sup>st</sup> - 4 <sup>th</sup> March 2016. <b>Poster:</b> Oduor, N., <b>Newton, A.</b> , Icely, J., Danchenko, S., Goela, P., Cristina, S., <i>Fragoso, B.</i> , 2016. <i>“Nutrient stoichiometry as a tool for determining nutrient condition in coastal lagoons”</i> .
64-65	<b>ESA Living Planet Symposium</b> Prague, Czech Republic, 9 <sup>th</sup> -13 <sup>th</sup> May 2016. <b>Poster:</b> Icely, J., Cristina S., Danchenko, S., Fragoso, B., Goela, P., Moore, G., <b>Newton, A.</b> , In collaboration with Kajiyama, T., Sá, C., Beltrán, C., Brotas, V., 2016. <i>“Contribution of the Sagres site (Portugal) to the upgrade and validation of the algorithms for the MERIS 4th Reprocessing”</i> <b>Poster:</b> Icely, J., Cordeiro, C., Cristina, S., Lavender, S., Goela, P., <b>Newton, A.</b> , 2016. <i>“Temporal variability in MERIS water constituents modelled by SLT decomposition in SW Iberian Peninsula: Sagres”</i>

## 8. ORGANIZATION OF MEETINGS, WORKSHOPS AND CONFERENCES

Table 26. Organization of Scientific Meetings, Workshops and Conferences as Chair or Organizer or Member of Scientific Committee

- OAERRE (Oceanographic applications to eutrophication in regions of restricted exchange) project meeting**  
Faro, Portugal, October 2002.  
**Organizer**
- SCOR (Scientific Committee on Oceanic Research) Working Group 121 meeting: *Mechanisms of Sediment Retention in Estuaries***  
Faro, Portugal, 12<sup>th</sup> -16<sup>th</sup> September 2004.  
**Organizer**
- MONAE (Monitoring of Portuguese Transition and Coastal Waters) project meeting**  
Faro, Portugal, 7<sup>th</sup>-10<sup>th</sup> December 2004.  
**Organizer**
- CRAB (Collective Research on Aquaculture Biofouling) project meeting**  
Faro, Portugal, 2005.  
**Organizer**
- NEA-GIG (North East Atlantic – Geographical Intercalibration Group) project meeting *Submerged Aquatic Vegetation (SAV) and benthos workshop I***  
Faro, Portugal, 19<sup>th</sup>-20<sup>th</sup> May 2005.  
**Organizer**
- Química ao Sul meeting**  
Faro, Portugal, 20<sup>th</sup> May 2005.



**Table 26. Organization of Scientific Meetings, Workshops and Conferences as Chair or Organizer or Member of Scientific Committee**

- Member of Organizing Committee**
- 7 **2<sup>nd</sup> European Lagoon Conference**  
Klaipeda, Lithuania, 4<sup>th</sup>-9<sup>th</sup> October 2005.  
**Science Steering Committee**  
<http://lagoons.corpi.ku.lt/>
- 8 **NEA-GIG (North East Atlantic – Geographical Intercalibration Group) project meeting**  
*Submerged Aquatic Vegetation (SAV) and benthos workshop II*  
Faro, Portugal, 27<sup>th</sup>-28<sup>th</sup> October 2005.  
**Coordinator**
- 9 **1ST LAGUNET Conference and 3rd European Conference on Lagoon Research**  
Naples, Italy, 19<sup>th</sup>-23<sup>rd</sup> November 2007.  
**Science Steering Committee**
- 10 **LOICZ (Land Ocean Interactions in the Coastal Zone) workshop “Fractal coastal futures”**  
Norway, June 2009.  
**Chairperson**
- 11 **SPICOSA (Science and Policy Integration for Coastal System Assessment) project Workshop**  
*“Application of the KERCOAST deliberation tool in conflict management in the coastal zone”*  
September 2009, University of Algarve, Portugal  
**Organizer**
- 12 **4th European Conference on Coastal Lagoon Research**  
*Research and Management for the Conservation of Coastal Lagoon Ecosystems, South - North comparisons.*  
Montpellier, France, 14<sup>th</sup>-18<sup>th</sup> December 2009.  
**Science Steering Committee**  
[http://www.ecosym.univmontp2.fr/index.php?option=com\\_content&task=view&id=205&Itemid=131](http://www.ecosym.univmontp2.fr/index.php?option=com_content&task=view&id=205&Itemid=131)
- 13 **ECSA (Estuarine & Coastal Sciences Association) conference**  
Figueira da Foz, Portugal, 14<sup>th</sup>-19<sup>th</sup> September 2010.  
**Science Steering Committee**  
<http://www1.ci.uc.pt/imar/ecsa47/>
- 14 **Littoral Conference**  
London, 21<sup>st</sup>-23<sup>rd</sup> September 2010.  
**Science Steering Committee**  
<http://coastnet-littoral2010.edpsciences.org/>
- 15 **KnowSeas (Knowledge-based Sustainable Management for Europe's Seas) Project Workshop**  
Sagres, 16<sup>th</sup>-21<sup>st</sup> June 2011.  
**Coordinator**
- 16 **2nd International Symposium on Integrated Coastal Zone Management**  
Arendal, Norway, 3<sup>rd</sup>-7<sup>th</sup> July 2011.  
**Science Steering Committee**  
[http://www.imr.no/om\\_havforskningsinstituttet/arrangementer/konferanser/ICZM\\_2011/en](http://www.imr.no/om_havforskningsinstituttet/arrangementer/konferanser/ICZM_2011/en)
- 17 **5<sup>th</sup> EuroLag (European Coastal Lagoons) Symposium**  
Aveiro, Portugal, 25<sup>th</sup>-30<sup>th</sup> July 2011.  
**Science Steering Committee**  
<http://eurolag.web.ua.pt/>
- 18 **LOICZ (Land-Ocean Interactions the Coastal Zone) Open Science Conference**  
Yantai, China, 12<sup>th</sup>-15<sup>th</sup> September 2011.  
**Chairperson of the conference**  
[http://www.loicz.org/calender/OSC\\_2011/index.html.en](http://www.loicz.org/calender/OSC_2011/index.html.en)

**Table 26. Organization of Scientific Meetings, Workshops and Conferences as Chair or Organizer or Member of Scientific Committee**

- 19 **ECSA (The Estuarine & Coastal Sciences Association) 51<sup>th</sup> International Symposium**  
Klaipeda, Lithuania, 23<sup>rd</sup>-27<sup>th</sup> September 2012.  
**Science Steering Committee**  
<http://corpi.ku.lt/ecsa2012/>
- 20 **International Coastal Symposium (ICS)**  
Plymouth University, 8<sup>th</sup>-12<sup>th</sup> April 2013.  
**Science Steering Committee**  
<http://ics2013.org/>
- 21 **International Conference “Marine Research Horizon 2020”**  
Varna, Bulgaria, 17<sup>th</sup>-20<sup>th</sup> September 2013.  
**Science Steering Committee**  
<http://mares2020.io-bas.bg/?r=committees>
- 22 **Ravenna 2013 Conference “New Indicators for a Better World”**  
Ravenna, Italy, 25<sup>th</sup>-27<sup>th</sup> September 2013.  
**Scientific Committee**  
<http://www.labelab.it/ravenna2013/>
- 23 **VI EUROLAG Conference: “Coastal lagoon domain and properties: from fundamental research to policy implementation”**  
Lecce, Italy, 16<sup>th</sup>-19<sup>th</sup> December 2013.  
**Scientific Committee**  
<http://www.euromedlag.eu/conference/>
- 24 **Comet\_LA (Community Based Management of Environmental Challenges in Latin America) Workshop**  
Faro, Portugal, 13<sup>th</sup>-15<sup>th</sup> February 2014  
Annual coordination meeting and workshop on Methodologies  
**Organizer**
- 25 **EGU conference in Vienna**  
Vienna, 29<sup>th</sup> April 2014  
**Organizer**  
<http://meetingorganizer.copernicus.org/EGU2014/session/14076>
- 26 **International Workshop on Land-Ocean Interactions in the Coastal Zone and Sustainable Development**  
Yantai, China, 15<sup>th</sup>-17<sup>th</sup> September 2015  
**Science Steering Committee**  
<http://loiczsdc2015.csp.escience.cn/dct/page/1>
- 27 **7th EUROLAG Symposium**  
Murcia, Spain, 1<sup>st</sup>-4<sup>th</sup> March 2016  
**Member of steering committee**  
<http://www.um.es/7eurolag/>
- 28 **Marine Biodiversity – The Key to Healthy and Productive Seas**  
Brussels, Belgium, 17<sup>th</sup>-19<sup>th</sup> October 2016  
**Member of the Scientific Committee**  
<http://www.devotes-project.eu/devotes-final-conference-registration-is-open/>
- 29 **Littoral 2016**  
Biarritz, France, 25<sup>th</sup>-29<sup>th</sup> October 2016  
**Member of steering committee**  
<http://littoral2016.univ-pau.fr/>



**Table 27. Organization and Co-chairing of Special Sessions**

- 1 **ERF (Estuarine Research Federation “Estuaries on the Edge”)** Conference  
Seattle, USA, 14<sup>th</sup>-18<sup>th</sup> September 2003.  
**Session Chair “Coastal lagoons”**
- 2 **ASLO (American Society of Limnology and Oceanography) and The Oceanography Society Ocean Research Conference**  
Honolulu, Hawaii, USA, 15<sup>th</sup>-20<sup>th</sup> February 2004.  
**Session Chair “Coastal Eutrophication”**  
<http://aslo.org/honolulu2004/>
- 3 **ASLO (American Society of Limnology and Oceanography) Conference**  
Santiago de Compostella, Spain, 19<sup>th</sup>-25<sup>th</sup> June 2005.  
**Session Chair “Eutrophication Assessment and Modelling”**  
<http://aslo.org/santiago2005/>
- 4 **LOICZ (Land Ocean Interactions in the Coastal Zone) Conference**  
Egmont, NL, June 2005.  
**Session Chair “Coastal Lagoons”**
- 5 **2<sup>nd</sup> European International Conference on Coastal Lagoons “European lagoons and their watersheds: function and biodiversity”**  
Klaipeda, Lithuania, 4<sup>th</sup>-9<sup>th</sup> October 2005.  
**Session Chair “Implementation of the EU Water Framework Directive in coastal lagoons and estuaries; sustainable use of coastal lagoons”**  
<http://lagoons.corpi.ku.lt/>
- 6 **ERF (Estuarine Research Federation) Conference: The Biennial Conference of the Estuarine Research Federation**  
Norfolk, Virginia, 16<sup>th</sup>-20<sup>th</sup> October 2005.  
**Session Co-chair “International Approach to Integrated River Basin Management”**  
<http://www.sgmeet.com/erf2005/>
- 7-8 **International Symposium “Research and Management of Eutrophication in Coastal Ecosystems”**  
Nyborg, Denmark, 20<sup>th</sup>-23<sup>rd</sup> June 2006.  
**Session Co-chair “Eutrophication of Coastal lagoons”**  
**Workshop Co-chair “Coastal lagoons Research and Management”**
- 9 **Littoral conference**  
Gdansk, 18<sup>th</sup>-20<sup>th</sup> September 2006.  
**Workshop organizer LOICZ tools**  
<http://www.littoral2006.gda.pl/>
- 10 **ECOSUMMIT Conference (Symposium 16 Integrative Tools and Methods in Assessing Ecological Integrity in Estuarine and Coastal Systems)**  
Beijing, China, 22<sup>nd</sup>-27<sup>th</sup> May 2007.  
**Session Co-chair Towards Sustainable Management Of Coastal Lagoons”**
- 11 **ASLO (American Society of Limnology and Oceanography) conference**  
Nice, France, 25<sup>th</sup>-30<sup>th</sup> January 2009.  
**Co-chair of a topical session “LOICZ: Land-Ocean Interactions in the Coastal Zone”**  
<http://www.aslo.org/nice2009/>
- 12 **LOICZ (Land Ocean Interactions in the Coastal Zone) workshop “Fractal coastal futures”**  
Norway, June 2009.  
**Session Chair**
- 13 **4th European Conference on Coastal Lagoon Research**  
*Research and Management for the Conservation of Coastal Lagoon Ecosystems, South - North comparisons.*

**Table 27. Organization and Co-chairing of Special Sessions**

- Montpellier, France, 14<sup>th</sup>-18<sup>th</sup> December 2009.  
**Session Chair** *“Session 10 Management and Governance objectives for coastal lagoon conservation, with special reference to European directives”*  
[http://www.ecosym.univmontp2.fr/index.php?option=com\\_content&task=view&id=205&Itemid=131](http://www.ecosym.univmontp2.fr/index.php?option=com_content&task=view&id=205&Itemid=131)
- 14 LOICZ (Land-Ocean Interactions the Coastal Zone) Open Science Conference**  
Yantai, China, 2011.  
**Session co-convener** *“B5 Eutrophication, Hypoxia and Algal Blooms”*  
[http://www.loicz.org/calender/OSC\\_2011/index.html.en](http://www.loicz.org/calender/OSC_2011/index.html.en)
- 15 Planet Under Pressure Conference**  
London, United Kingdom, 26<sup>th</sup>-29<sup>th</sup> March 2012.  
Day 1: State of the Planet, Theme: Meeting Global Needs  
**Session Co-convener** *“State of the Coastal Zone”*  
<http://www.planetunderpressure2012.net/>
- 16 ECSA (Estuarine and Coastal Science Association) 50<sup>th</sup> Symposium**  
Venice, Italy, 4<sup>th</sup> June 2012.  
**Session Chair** *“Ecosystem services and societal benefits”*  
<http://www.conferencealerts.com/show-event?id=ca1sxs3>
- 17 ASLO (American Society of Limnology and Oceanography) Summer Meeting**  
Lake Biwa, Japan, 12<sup>th</sup> July 2012.  
**Session Co-organizer** *“The Impacts of tsunami and the Fukushima Dai-Ichi nuclear power plants on oceans and coastal environments”.*  
<http://aslo.org/japan2012/>
- 18 International Coastal Symposium (ICS)**  
Plymouth University, 8<sup>th</sup>-12<sup>th</sup> April 2013.  
**Co-chair session** *“Coastal Ecology and Pollution session at ICS”*  
<http://ics2013.org/>
- 19 EuroMedLag European Conference on Coastal Lagoon Research**  
Lecce, Italy, 16<sup>th</sup>-19<sup>th</sup> December 2013  
<http://www.euromedlag.eu/conference/>  
**Session Chair:** Conservation and Management of Coastal Lagoons
- 20 IMBER Open Science Conference: Future Oceans**  
Bergen, Norway, 23<sup>rd</sup>-27<sup>th</sup> June 2014.  
**Session co-convener** *“Marine environmental status and biodiversity: from structure to functionality, delivering ecosystem services”*  
<http://www.imber.info/index.php/Meetings/IMBER-OSC-2014>
- 21 ECSA 55 Conference – Unbounded boundaries and shifting baselines.**  
London, United Kingdom, 6<sup>th</sup> – 9<sup>th</sup> September 2015.  
**Special Session** *“Everyone is involved in risk assessment and risk management, so how do we achieve good status of transitional and marine waters?”*  
**Session Co-chairs:** A. Newton, M. Elliott, A. Borja  
<http://www.estuarinecoastalconference.com/>
- 22 International Workshop on Land-Ocean Interactions in the Coastal Zone and Sustainable Development**  
Yantai, China, 15<sup>th</sup>-17<sup>th</sup> September 2015  
**Special Session** *“Land-Ocean interactions in the coastal zone: Internodes and Regional Networking”*  
**Session Chair**  
<http://loiczsd2015.csp.escience.cn/dct/page/1>
- 23 International Workshop on Marginal Seas 2015**

**Table 27. Organization and Co-chairing of Special Sessions**

- “Marginal Seas and their coastal areas-transit and buffer zones in continent-ocean interaction”  
Yantai, China, 17<sup>th</sup>-19<sup>th</sup> September 2015  
**Special session “Sea Level change and sediments”**  
**Session co-chair**  
<http://mstca2015.csp.escience.cn/dct/page/1>  
**IMBER IMBIZO IV**  
Trieste, Italy, 26<sup>th</sup>-30<sup>th</sup> October 2015  
24 <http://www.imber.info/News/IMBER-future-events/IMBER-IMBIZO-IV-26-30-October-2015-Trieste-Italy>  
**Co- Coordinator special session**  
25 [Asia Oceania Geosciences Society](#)  
Beijing, China 31<sup>st</sup> of July-5<sup>th</sup> August 2016  
**Special Session: Coastal Zone Biogeochemistry And Management Solutions**  
**Co- Convener Special Session**  
26 [3rd Xiamen symposium on Marine Sciences](#)  
Xiamen, China 9-11 January 2017  
Special Session 7: Coastal assessments: From implementation to impact: understanding the gap  
**Co- Convener Special Session**

**Table 28. Organization of Academic Meetings, Workshops and Conferences**

- 1 **Joint European Master Coordinators 3<sup>rd</sup> meeting**  
University of Algarve, Faro, Portugal, 5<sup>th</sup> -10<sup>th</sup> September 2004.  
**Organizer**  
2 **Coastal Profs workshop**  
University of Algarve, Faro, Portugal, 11<sup>th</sup>-15<sup>th</sup> June 2007.  
**Organizer**