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NILU – IMPEC (Impact and Economics) PO Box 100, 2027 KJELLER, Norway E-mail: <a href="mailto:an@nilu.no">an@nilu.no</a> , <a href="http://www.nilu.no">www.nilu.no</a> skype: alice.newton	DCTMA- Department of Earth, Environmental and Marine Sciences CIMA-Centre for Marine and Environmental Research Gambelas Campus, University of Algarve, 8005-139 Faro, Portugal <a href="mailto:anewton@ualg.pt">anewton@ualg.pt</a> , <a href="http://w3.ualg.pt/~anewton/">http://w3.ualg.pt/~anewton/</a>
HIGHER EDUCATION:	
<b>BSc</b> (Joint Honours). Oceanography, Marine Biology. University of Wales, Bangor 1978-1981; <b>MSc</b> (by research). Biological Oceanography, University of Wales, Bangor 1986-1988; <b>PhD</b> Chemical Oceanography, University of Wales, Bangor 1990-1995; <b>Agregação</b> (similar to DSc) in Marine Sciences, University of Algarve, 2014.	
WORK EXPERIENCE:	
1984-2017 Lecturer then Professor, 2004- Head of Department of Chemistry and Biochemistry; 2015 Head of International Office University of Algarve; 2009 Senior Researcher NILU- Norwegian Institute of Air Research	
LANGUAGES EN, FR, PT, ES	
SHORT BIOGRAPHY	
<p>Alice Newton is 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 also 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). She is a member of Portugal's Institute of Marine Research (IMAR); the Marine and Environmental Research Center (CIMA); the High North Research Centre for Climate and the Environment (FRAM), Norway. An internationally known Chemical Oceanographer, Dr Newton has made an important contribution to the assessment of eutrophication in coastal lagoons. 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; a council member of the Estuarine and Coastal Sciences Association (ECSA); the chairperson of the EU DGR&amp;I Bioeconomy Strategy expert group; a member of the Working Group "Climate Change" MedWet-STN. She <b>coordinated the international Water and Coastal management Erasmus Mundus master course for 8 editions</b>. is the <b>external examiner for quality assurance</b> of 2 <i>Erasmus Mundus</i> international courses post-graduate courses.</p>	
CAPACITY BUILDING	
<p>Alice Newton 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. <b>She has supervised and co-supervised 54 Master students, 20 Doctoral students and 7 Postdoctoral fellows</b> from many different countries.</p> <p>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 Czestochowa; (Spain) University of Cadiz, University of Barcelona; (UK) University of Wales, University of Plymouth, University of Portsmouth.</p> <p>She has also designed and run 9 capacity building courses for University Academic staff:</p> <ul style="list-style-type: none"> <li>• <b>Networking Universities and Development of Joint Curricula.</b> Universidad Catolica de la Santissima Concepcion 9th-12th de May 2005</li> <li>• <b>International courses development and teaching</b> Universidad de Cadiz, 26th-30th June 2006, Universidad de Cordoba February 2009, Spain</li> <li>• Workshop: <b>Environment and Climate Change</b> Pontificia Universidad Javeriana, 29th-30th November 2010, Bogotá, Colombia</li> <li>• <b>Water Framework Directive</b> University of Czestochowa 12th-13th May 2011, Poland</li> <li>• <b>Adaptive management frameworks for coastal social-ecological systems.</b> Universidad Nacional del Sur 15th -17th July 2014, Argentina; Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences August 2015 and August 2016, Yantai, China</li> <li>• <b>Workshop: Vitalising a new marine department?</b> University of Gothenburg October 5th, 2016, Göteborg, Sweden</li> </ul>	
CONSULTANCY	
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. Examples include:	

**US** Environment Protection Agency (nutrient criteria);  
**EU-JRC** (Eutrophication in Coastal and Transitional waters);  
**EU-JRC** (Implementation of the Water Framework Directive);  
**EU- DG RTD** (Bioeconomy);  
**Portugal: INAG** Portuguese Ministry of Environment and **DGRm** Directorate for Marine Resources;  
**Norway:** KLIF (now **Norwegian Environment Directorate**), Management plan for North Sea and Skagerrak;  
**United Nations Environmental Programme:** Regional Seas Conventions, Indicator Group (including Chlorophyll).  
**Danish Ministry of Environment:** Eutrophication report.

#### RECENT PARTICIPATION IN INTERNATIONAL SCIENTIFIC RESEARCH PROJECTS

2009-2012: Chairperson of LOICZ Science Steering Committee  
 2009-2012: 7th Framework Programme [KnowSeas](#)- Knowledge-based Sustainable Management for Europe's Seas project  
 2010-2012 OSPAR-CAMP Comprehensive Atmospheric Monitoring Programme. Project leader  
 2012-2015: 7th Framework Programme [COMET LA](#) project. WP leader.  
 2012-2016: 7th Framework Programme [DEVOTES](#) project (MSFD Biodiversity descriptor). WP leader.

#### PARTICIPATION IN INTERNATIONAL SCIENTIFIC RESEARCH EVALUATION PANELS

##### European Union:

6th Framework programme,  
 7th Framework programme,  
 Marie-Curie programme,  
 European Science Foundation,  
 MARTEC - Maritime Technology ERA-NET,  
 Horizon 2020;

##### Asia-Pacific Network;

##### National Research Councils:

National Research Council **UK**;  
 Fundação da Ciência e da Tecnologia **Portugal**;  
**Irish** Research Council;  
 National Science Centre (Narodowe Centrum Nauki) – **NCN Poland**;  
 Ministry of Education, Youth and Sports of the **Czech Republic**;  
**Swedish** Remote Sensing Research Programme.

#### PRIZES, SCHOLARSHIPS AND AWARDS

Dr Newton has been awarded many fellowships/scholarship. Recent examples include:  
 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, Unisantia, 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.

#### PUBLICATIONS AND SCIENCE COMMUNICATION

The author or co-author of 77 ISI 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.

[https://www.researchgate.net/profile/Newton\\_Alice/](https://www.researchgate.net/profile/Newton_Alice/)

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