



## **ECSA Newsletter, July/August 2011 (No. 10)**

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## **MESSAGES FROM ECSA / ECSA EVENTS**

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### **Brand new ECSA website!**

We are pleased to announce that a brand new ECSA website is now available online!  
Here below is a preview from the home page:

Faculty of Science  
ECSA Home  
Conferences & Workshops  
Publications  
Trustees & Council Members  
ECSA Contacts  
Join ECSA  
Small Grants  
Links



## About ECSA

The Estuarine & Coastal Sciences Association is an international organisation dedicated to the study of all aspects of estuarine and coastal marine science, and also the application of science for conservation and environmental management.

Although the traditional focus of ECSA lies in Europe, activities, interests and membership now extend to many other global regions.

ECSA has been involved in the organization of nearly 50 conferences to date, averaging one or more major events each year. Conferences have been held worldwide with future events planned for South Africa, China and various locations across Europe. ECSA has also supported many local meetings concerning individual estuaries or coastal areas, and occasionally arranges scientific workshops.

ECSA has an associated international journal Estuarine and Coastal Shelf Science and also supports the production of a variety of other scientific publications including a Bulletin for members, with two issues each year.



Estuarine & Coastal Sciences Association



[ECSA Constitution \(pdf\)](#)

Please note that the website address has changed.

The new address is

<http://www2.hull.ac.uk/science/ecsahome.aspx>

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## 50th ECSA Conference 2012 – call for abstracts

50th ECSA Conference 2012: Today's science for tomorrow's Management

CALL FOR ABSTRACTS! Deadline: 13 January 2012

Following the success of the renowned ECSA conferences and workshops, the 50th ECSA Conference Disputed Issues in Coastal Science and Management will cover the fundamental natural and social sciences for estuaries, coasts and marine areas and emphasis the links to the integrated and sustainable management of these areas.

The themes of the conference will be:

- Ecosystem structure and functioning
- Systems analysis
- Anthropogenic change
- Ecosystem services and societal benefits
- Valuing ecosystems
- 'Future-proofing the science'
- [Click here to view the complete list of themes.](#)

Invited Speakers include:

- Steve Blaber, CSIRO Marine and Atmospheric Research, Australia
- Zhongyuan Chen, East China Normal University, China
- Omar Defeo, Marine Science Unit, Uruguay
- Michel Meybeck, Université Pierre et Marie Curie, Paris
- Nancy N. Rabalais, Louisiana Universities Marine Consortium, USA
- Boris Worm, Dalhousie University, Canada

The conference will include:

- Presentations from leading specialists on all aspects of estuarine and coastal marine science, as well as on the application of science for conservation and environmental management
- An opportunity to catch up on new state of the art techniques and gain an understanding of about other marine, coastal and transitional systems worldwide
- A poster forum for unveiling new research ideas and concepts
- Networking opportunities with an interdisciplinary group - including researchers from all fields related to estuarine and coastal marine science

For general queries, please contact the Conference Secretariat: [Customerservice-ECSA12@elsevier.com](mailto:Customerservice-ECSA12@elsevier.com)

The registration fees for the Venice conference are still under negotiation. We advice all interested participants to keep checking the conference website (below) or to contact Victor de Jonge – ECSA Conference Co-ordinator ([v.n.de.jonge@planet.nl](mailto:v.n.de.jonge@planet.nl)) for further details.

For more information and to sign up for the latest news, visit:  
<http://www.estuarinecoastalconference.com>

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## Other forthcoming ECSA events

**ECSA (Local) Continental Symposium**, CEMAGREF, Bordeaux 24-28 October 2011

Theme: Ecosystem Trajectories

Local Organiser: Michel Girardin (CEMAGREF)

Contact: [contact@ecsa-bordeaux2011.fr](mailto:contact@ecsa-bordeaux2011.fr)

### **ECSA Symposium Klaipeda, Lithuania 23 – 27 September 2012**

Theme: Management of Transitional Waters to be organised in cooperation with the Baltic Lagoon Network/ BALLOON

Local Organiser: Prof. Dr. Arturas Razinkovas-Baziukas Vice director, Research & International Co-operation Coastal Research & Planning Institute Klaipeda University, H. Manto 84, Klaipeda LT-92294, Lithuania

[www.corpi.ku.lt](http://www.corpi.ku.lt) Phone: +37046398844 Fax: +37046398845

Further information on other ECSA events are available at [http://www2.hull.ac.uk/science/ecsa/home/conferences\\_workshops.aspx](http://www2.hull.ac.uk/science/ecsa/home/conferences_workshops.aspx)

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## **OTHER EVENTS OF INTEREST**

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### **Scottish Marine Group Open Meeting, October 2011**

The Scottish Marine Group Open Meeting

October 20th 2011 (10 a.m. to 4 p.m.)

Perth College UHI, Brahan Lecture Theatre

The Scottish Marine Group is an informal forum for marine scientific practitioners, researchers and postgraduates to share research interests via talks and posters. In this Autumn meeting, the forum aims to highlight the diversity of Scottish marine science and its applications.

The cost of £6 covers refreshments. The college has parking and is easily reached from Perth railway and bus stations.

Contributors are invited to send their title and a very brief abstract before July 31<sup>st</sup> 2011, after which a programme will be available. Other participants are asked to book by September 30th 2011 please.

For abstract submission and further information, please contact the organizers:

Dr Tom Leatherland : [tom@chway.plus.com](mailto:tom@chway.plus.com)

Prof. Anton Edwards : [antedwards@aol.com](mailto:antedwards@aol.com)

Perth College, University of Highlands and Islands  
Scottish Association for Marine Science

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## Planet Under Pressure Conference, March 2012

Planet Under Pressure 2012 - New Knowledge Towards Solutions

26-29 March 2012, London, UK

CALL FOR ABSTRACTS: [www.planetunderpressure2012.net](http://www.planetunderpressure2012.net)

[Submit abstracts](#) | [Themes](#) | [Sessions](#) | [Location](#) | [Committee](#) | [Board of Patrons](#)

Abstract submission is now open for this major international science conference focusing on solutions to the global sustainability challenge.

This is an open call for participants and for abstracts for presentations and posters to be submitted against the session topics described on the conference website under the following outline:

- Day 1: State of the planet: the latest knowledge about the pressures on the planet
- Day 2: Options and opportunities: exchanging knowledge about ways of reducing the pressures on the planet, promoting transformative changes for a sustainable future and adapting to changes in the global system
- Day 3: Challenges to progress: clarifying what is preventing or slowing humanity from implementing potential solutions
- Day 4: Ways ahead: a vision for 2050 and beyond, and exploring new partnerships and pathways towards global sustainability

Each day will include relevant aspects of the conference themes:

- A. Meeting global needs: food, energy, water and other ecosystem services
- B. Transforming our way of living: development pathways under global environmental change
- C. Governing across scales: innovative stewardship of the Earth system

The closing date for abstract submission is 19 August 2011.

Please note, additional sessions will be advertised over the next few weeks.

Developing World Involvement

A mentoring scheme is available for those who would like guidance in preparing abstracts and developing presentations for the conference. The conference organisers are also aiming to offer financial assistance to participants from the developing world.

Mentoring Scheme | Funding Assistance

Why you should attend

The conference will provide a comprehensive update of the pressure planet Earth is now under. The conference will discuss solutions at all scales to move societies on to a sustainable pathway and will

provide scientific leadership towards the 2012 UN Conference on Sustainable Development - Rio+20.

The programme is designed to attract senior policymakers, industry leaders, NGOs, young scientists, the media, health specialists, and academics from many disciplines.

Find out who you will meet and what you will gain from this event...

For further information on submitting an abstract, conference themes and sessions, mentoring and funding visit: [www.planetunderpressure2012.net](http://www.planetunderpressure2012.net)

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## **5th Annual International Conference on Mediterranean Studies - 4-7 April 2012, Athens (Greece)**

### Call for Papers and Participation

The Athens Institute for Education and Research (ATINER) organizes its 5th Annual International Conference on Mediterranean Studies in Athens, Greece, 4-7 April 2012.

The conference website is: [www.atiner.gr/mediterranean.htm](http://www.atiner.gr/mediterranean.htm).

Please submit an abstract (email only) to: [atiner@atiner.gr](mailto:atiner@atiner.gr), using the abstract submission form available at <http://www.atiner.gr/docs/2012FORM-MDT.doc> by the 5th of September 2011 to: Dr. Gregory A. Katsas, Academic Member of ATINER and Associate Professor, The American College of Greece-Deree College, Greece.

Abstracts should include the following: Title of Paper, Full Name (s), Affiliation, Current Position, an email address, and at least 3 keywords that best describe the subject of your submission. Decisions are reached within 4 weeks.

If you want to participate without presenting a paper, i.e. chair a session, review papers to be included in the conference proceedings or books, contribute to the editing of a book, or any other contribution, please send an email to Dr. Gregory T. Papanikos, Director, ATINER ([gtp@atiner.gr](mailto:gtp@atiner.gr)).

The aim of the conference is to bring together scholars, researchers and students from all areas of Mediterranean Studies, such as history, arts, archaeology, philosophy, culture, sociology, politics, international relations, economics, business, sports, etc. Panel organizers are encouraged to submit their proposals by inviting other scholars that do research in the same area. Specific sessions will be organized on (a) country studies for both the European and non-European countries of the Mediterranean Basin, (b) the environmental, ecological and biological issues of the Mediterranean Sea, and (c) the Mediterranean islands (history, arts, culture, and all aspects of development) such as Cyprus, Malta, Sicily, Sardinia, Corsica, Crete, Euboea, Majorca, Rhodes, Cyclades, Ionian, Dodecanese, etc. The registration fee is 250 euro, covering access to all sessions, two lunches, coffee breaks, and conference materials. Special arrangements will be made with a local luxury hotel for a limited number of rooms at a special conference rate.

In addition, a number of special social events will be organized: an official dinner with Greek night of entertainment with dinner, an educational excursion to Delphi, a special one-day educational cruise to the Greek islands, and a half-day tour around the wider area of Athens (Attica), which includes the Acropolis Hill and Parthenon.

The Athens Institute for Education and Research (ATINER) was established in 1995 as an independent academic organization, with the mission to become a forum, where academics and researchers - from all over the world

- could meet in Athens to exchange ideas on their research and discuss the future developments of their discipline. Since 1995, ATINER has organized more than 150 international conferences and has published over 100 books.

Academically, the Institute consists of four research divisions and nineteen research units. Each research unit organizes at least an annual conference and undertakes various small and large research projects.

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## FELLOWSHIPS / JOB POSITIONS

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### **2 tenure-track Assistant Professor, Marine Molecular Biology & Coral Reef Ecology - Texas A&M University-Corpus Christi**

The rapidly growing Marine Biology Program in the Department of Life Sciences of Texas A&M University-Corpus Christi invites applications for two tenure-track Assistant Professor positions, one in Marine Molecular Biology and the other in Coral Reef Ecology. These positions will further expand and complement our existing program ([www.marinebiology.tamucc.edu](http://www.marinebiology.tamucc.edu)).

Candidates must have a Ph.D. degree in a biological (or closely related) discipline.

Texas A&M University-Corpus Christi is a rapidly growing research university located on the Gulf of Mexico overlooking Corpus Christi Bay. With over 10,000 students, it offers a wide array of academic programs with 18% of the students enrolled in graduate programs.

Applications are particularly encouraged from individuals with active, federally-funded research programs and strong external collaborations who can take advantage of our modern research laboratories and equipment. Ample opportunities exist for collaboration with researchers from the Department of Life Sciences as well as from the University's strong portfolio of marine oriented research institutions such as the Harte Research Institute for Gulf of Mexico Studies (<http://harteresearchinstitute.org>), Center for Coastal Studies (<http://ccs.tamucc.edu>) and Conrad Blucher Institute (<http://www.cbi.tamucc.edu/>). Our unique location provides many opportunities for marine-related research including proximity to extensive bays and estuaries along the Gulf of Mexico, and the Flower Garden Banks National Marine Sanctuary.



With a population of ~300,000, Corpus Christi has numerous urban conveniences while maintaining a small-town atmosphere. Located in South Texas, Corpus Christi is close to popular destinations, including Padre Island National Seashore, San Antonio and Austin.

**Marine Molecular Biologist:**

The successful candidate will specialize in the use of cutting edge molecular approaches to address marine biological research problems. The successful candidate will be expected to develop a vigorous, externally-funded research program, supervise graduate students, and teach undergraduate and graduate courses supporting the Biology B.S. and M.S. Programs, Marine Biology M.S. Program, and particularly, the joint Interdisciplinary Ph.D. Marine Biology Program. The position will remain open until filled with preference given to applicants submitting all requested documentation by August 15, 2011.

The preferred start date is January 2012, but no later than September 2012.

**Coral Reef Ecologist:**

The successful candidate will develop a nationally recognized, externally funded research program and teach undergraduate and graduate courses supporting the Biology B.S. and M.S. Programs, Marine Biology M.S. Program, and particularly, the joint Interdisciplinary Ph.D. Marine Biology Program. One of these courses will be a field based, international course in Coral Reef Ecology that the university has conducted for over 30 years.

Texas A&M University-Corpus Christi The Department of Life Sciences Certifications in SCUBA by the American Academy of Underwater Sciences and/or NOAA National UW Diving Safety Management Program are a bonus.

The position will remain open until filled with preference given to applicants submitting all requested documentation by September 15, 2011.

The preferred start date is September 2012.

A competitive startup package will accompany both positions.

Apply online at <https://islanderjobs.tamucc.edu>. Applications must include a cover letter describing qualifications, research and teaching interests, curriculum vitae, and the names and phone numbers of four references.

For questions concerning the Marine Molecular Biologist position, please contact Dr. Paul Zimba, [paul.zimba@tamucc.edu](mailto:paul.zimba@tamucc.edu).

For questions concerning the Coral Reef Ecologist position, please contact Dr. Roy Lehman, [roy.lehman@tamucc.edu](mailto:roy.lehman@tamucc.edu).

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## Plankton Ecologist, Plymouth Marine Laboratory

Plymouth Marine Laboratory (PML) is looking to appoint a highly experienced Plankton Ecologist. PML is recognised internationally as a dynamic, highly innovative, independent and impartial deliverer of scientific research and advice on the marine environment.

Opportunity: Plankton Ecologist Ref: PML36411 Salary £37k to £47k p.a. (dependant upon experience)



PML is an international centre of excellence for interdisciplinary marine research. PML's research portfolio places particular emphasis on studying the role of biodiversity in underpinning marine biogeochemical pathways and contributing to the function and value of marine ecosystems. We have a strong tradition of research in marine plankton communities, particularly in the context of international science programmes. To maintain and strengthen this capability PML is looking to appoint a highly experienced, enthusiastic and self motivated Plankton Ecologist with the ability and experience to lead PML's existing team in delivering current research projects and developing new research in this key area.

**Eligibility:**

You must have significant and relevant postdoctoral or equivalent level research experience in plankton ecology and taxonomy, a strong publication record together with a proven track record of gaining external funding and leading teams. Experience with time series analysis in the areas of plankton related molecular biology or modelling would be an advantage. You should have experience of both laboratory experimentation and field work as you will be expected to contribute to PML's research programmes on marine biogeochemical cycles, biodiversity and ecosystem functioning. You must be willing to work flexibly at sea if required.

How to apply: For additional information and an application form, please contact: Ms Valerie Barlow, HR Group, PML, Plymouth, PL1 3DH, UK

T: +44 (0)1752 633100 E: [vacancies@pml.ac.uk](mailto:vacancies@pml.ac.uk)<<mailto:vacancies@pml.ac.uk>>

Quoting reference: PML36411

Application deadline: 1200hrs Wednesday 31st August 2011

Interview date: Monday 3rd October 2011

Start: as soon as possible

Charity No. 1091222 Company No. 4178503 Collaborative Centre of the Natural Environment Research Council

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## **Postdoc position, Phytoplankton microarray - IFREMER**

A « phytochips » : a new tool to study the toxic phytoplankton diversity in the bay of Seine.

The aims of this project is to develop a new molecular tool as alternative means to provide fast, safe and complete identification of Harmful Algal Bloom (HAB) species. Monitoring of phytoplankton is actually based on the microscopic identification and counting of the cells of interests. It is time consuming, tedious and no challenging. Microarray or Phylochips have been chosen since this technology allows a genetic identification of the target organisms. It can be used to achieve simultaneous detection of phytoplankton species and to estimate the number of taxons in the seawater samples. This study is a part of the project called "Comanche", which one of the objectives is to study the origin of the toxic algae blooms and to investigate their impact on the scallop fisheries

in the Bay of Seine. In this area, recurrent toxic events, ASP (Amnesic Shellfish Poisoning) and DSP (Diarrhetic Shellfish Poisoning) events occur in the eastern Channel affecting the scallop fishery. The identification of the Pseudo-nitzschia species is crucial to evaluate the potential risk of samples since all of the species belonging to this genus do not produce phytotoxin. The determination of these species requires an electronic microscopy analysis, which is inappropriate for extensive monitoring. This novel Phylochip will allow us to discriminate the toxic species within Pseudo-nitzschia genus, to quantify the biodiversity of phytoplankton and follow their dynamic and distribution in bay of Seine as well.

Key words : Microarray, Biodiversity, Pseudo-nitzschia, Dinophysis, Phylochips, Phytoplankton.

- Expertises :

PhD candidate with a strong background in microarray technique, bioinformatics and statistics expertises. Knowledge in phytoplankton ecology is not necessary, but will be appreciated.

- Investigators :

Informal enquires

to Dr. Catherine Dreanno ([Catherine.dreanno@ifremer.fr](mailto:Catherine.dreanno@ifremer.fr)) and to Véronique Le Berre Anton ([veronique.leberre@insa-toulouse.fr](mailto:veronique.leberre@insa-toulouse.fr))

-Funding : Ifremer- ANR 18 months

- Location : Laboratoire ou Service et Unité d'accueil :

Service Interfaces et Capteurs, Unité Recherches et Développement Technologiques, Ifremer, centre de Brest, 29280 Plouzane, France.

And Laboratoire d'Ingénierie des Systèmes Biologiques et des Procédés (LISBP) UMR INSA/CNRS 5504/INRA 792 INSA - 135, avenue de Rangueil 31077 Toulouse

Caution the candidate will work in these two laboratories.

Web site :

To apply for this position, please send a letter of intent and a CV to Dr.

Catherine Dreanno ([Catherine.dreanno@ifremer.fr](mailto:Catherine.dreanno@ifremer.fr)) or visit our web site :

<http://wwz.ifremer.fr/institut/Travailler-a-l-Ifremer/Bourses-de-recherche/Bourses-post-doctorales-2011-2012>,

before September 12th 2011.

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## Postdoctoral opportunities U-IMPACT - University of Murcia Campus Mare Nostrum

Dear friends,

In this link you can find the Postdoctoral opportunities U-IMPACT: UMU Incoming Mobility Programme ACTION – Five two-year competitive fellowships that are offered in the framework of the University of Murcia Campus Mare Nostrum:

<http://www.campusmarenostrum.es/convocatorias.html>

Our research group is included as offered research lines with three topics:

- Linking hydrodynamical and ecological modelling in coastal lagoons
  - Coastal lagoon ecology: processes determining the structure and dynamics of lagoon assemblages
  - Connectivity of marine protected areas networks
- May be this call could be of interest for your postdoctoral students.

With our best wishes,

Angel & Conchi

Angel Pérez-Ruzafa  
Concepción Marcos  
Departamento de Ecología e Hidrología  
Universidad de Murcia  
España

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Website: <http://www2.hull.ac.uk/science/ecsahome.aspx>

Compiled by: Anita Franco ([A.Franco@hull.ac.uk](mailto:A.Franco@hull.ac.uk))

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