



ECSA Newsletter, March 2014 (No. 18)

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MESSAGES FROM ECSA / ECSA EVENTS

It's that time of the year (to renew your ECSA membership)

Dear Member,

ECSA greatly values its members, as without you there is no Association. So I'm afraid I must remind you it is the time of year for subscription renewal. Current rates are shown in the table below. As you know, we raised the subscription last year, but this year it remains the same. The 3-year student rate has proved popular, and represents very good value for students.

Unfortunately this year we have stopped the credit card payment option, as it had become uneconomic and did not represent good value for ECSA. I'm sorry if this inconveniences anyone, but PayPal has proved a very popular and straightforward option. This can be done through the Membership section of the ECSA website (www.ecsa-news.org). Alternatively you can still pay by cheque, bank transfer or bank standing order.

Standing orders: Some members have forgotten to adjust their standing order payment to the new rate. Please remember to do this for the 1st April.

Category of Membership	Yearly payment by Banker's (Standing) Order only	Yearly payment by all other means
Member	£35	£36
Student Member (3 years)	£30	£30
Institutional Member	£100	£100
Sponsoring Member	£250	£250

Payment methods are:

- i) **Standing/Banker's order:** Please adjust your payment if you have not already done this.
- ii) **Cheque or cash:** Payment may be submitted to the Membership Treasurer or other ECSA Council members.
- iii) **Paypal:** Payment can be made online via Paypal. For new members, please ensure that you also send a completed application form to the Membership Treasurer.

Receipts are available on request for any member who needs one. Please contact me for a receipt or for an invoice if this is required.

PLEASE ensure that you complete a form legibly with all the appropriate information at the time of joining, otherwise you will not be able to receive the Bulletin and newsletters.

Welcome to new members

Welcome to this year's new members. It has been a busy year for ECSA, with successful meetings, such as ECSA53 in China. We welcome all our new members, and hope they will be with us as long as many of our long-standing members whose continuing support is greatly appreciated.

ECSA has members in over 30 nations spread across the globe, so is very much an international

society. This is reflected in the spread of meetings, workshops and symposia in which ECSA plays a role.

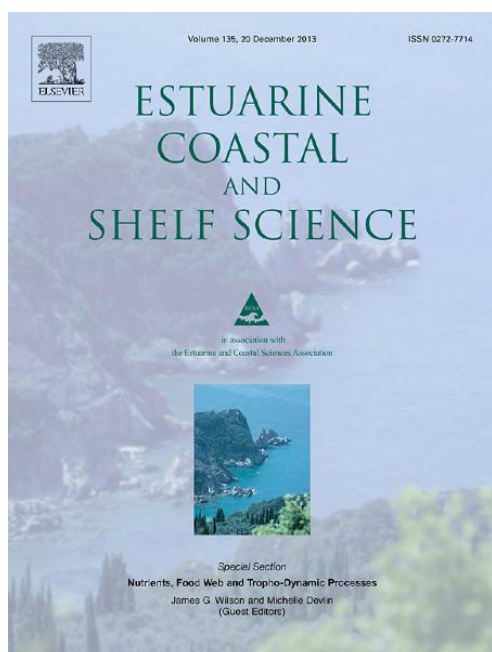
Your contact details: It is vital that we have up to date contact details for you. If you are not sure if we have the correct mailing address for the ECSA Bulletin for you, please contact me at clare.scanlan@sepa.org.uk to check. Please also remember to update any mailing address details.

Why not recruit some friends or colleagues? We know the Association does valuable work, but it needs **you** to ensure it happens.

Clare Scanlan
Membership Treasurer

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Reduced subscription to ECSS for ECSA Members



Individual member reduced subscription to the journal Estuarine, Coastal & Shelf Science

Online access for only £44 per year

ECSA and Elsevier, the publishers of the excellent and informative journal, Estuarine, Coastal and Shelf Science (ECSS) have agreed an exciting new arrangement to allow individual ECSA members to have online access to ECSS at a vastly reduced rate. Online access for a calendar year can be yours for only £44. This represents tremendous value. Although ECSA has had links with Elsevier and ECSS for many years, this is the first time we have been able to offer this benefit to members. You can view a free sample issue on the Elsevier website at <http://www.journals.elsevier.com/estuarine-coastal-and-shelf-science/>, and see the breadth and depth of papers published in the journal. You can also find some open access papers.

Access to ECSS would run concurrent with the ECSA membership year (April to March). Members joining after April but wishing to take the journal would have online access for the whole year.

For members who wish to take up this option, there is no need to make separate arrangements or payments. You can simply choose the option on the ECSA website for *ECSA membership with ECSS online access* and make one simple payment. www.ecsa-news.org

Please note that this offer is only available to individual members and not institutional members or sponsors.

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Congratulations to the ECSA Awards Winners

We would like to congratulate with the winners of the ECSA Awards presented at the ECSA-53 in Shanghai last October.

Dr Heidi Burdett from the University of St Andrews, Scotland, was the recipient of the first **Peter Jones Memorial Award** for a paper entitled “Spatiotemporal Variability of dimethylsulphoniopropionate on a fringing coral reef: the role of reefal carbonate chemistry and environmental variability” (Burdett et al. 2013. PLOS One 8(5), 1-8). The paper is available to view at <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0064651>).

Prof Dr Jiyu Chen, the founder of the State Key Laboratory of East China Normal University in Shanghai, is the recipient of the **ECSA Lifetime Achievement Award 2013** for all his work and initiatives to get the coastal sciences organised in China.

If you would like to know more about Dr Heidi Burdett and Prof Dr Jiyu Chen and their work, please visit the [ECSA website](#) (under the section on ECSA Awards).

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Call for nominations for the position of Honorary Secretary of the Association

Dear Member,

ECSA needs your contribution for nominations to fill the vacancy that will soon arise for the Council position as Honorary Secretary, as the current Secretary, Dr Mark F Fitzsimons, will come to the end of his 3-year term at the next AGM meeting (this will be held on the 10th of April, at the ECSA Local Meeting in Bangor).

The Honorary Secretary is an officer of the ECSA Council, with a role in preparing agendas and supporting papers for Council meetings, recording transactions of the Council at its meetings and reporting to all members, organising elections to Council and advising the President on matters concerning the operation of the Association.

Any member of the Association may put herself/himself forward for election. You just need to supply your nomination together with the names and contact addresses of a Proposer and Seconder.

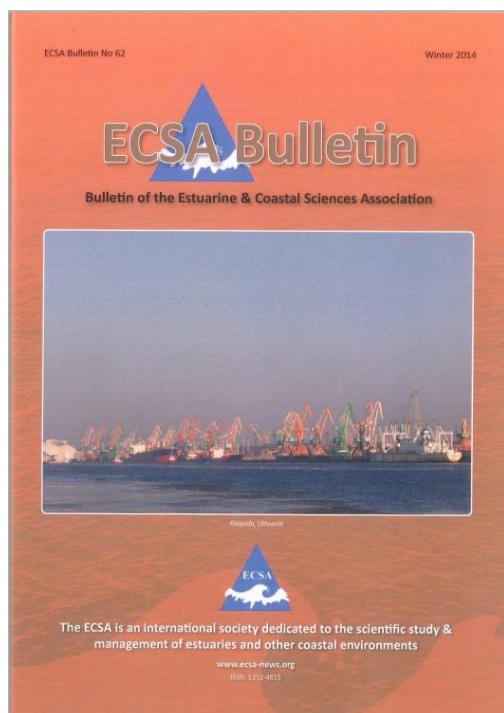
Please send nominations to the current Secretary (M.Fitzsimons@plymouth.ac.uk) or to the President (G.Millward@plymouth.ac.uk) by Wednesday 30th April, 2014.

Best wishes,

Anita Franco
ECSA newsletter editor

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Contributions to the ECSA Bulletin



Dear Member,

As you have seen from the recent issue that has been delivered to you, the ECSA Bulletin is full of exciting articles, interesting information, beautiful photos and it's a great way to keep informed on what's happening within the estuarine and coastal sciences community.

The Bulletin highly relies on the input from all Members. Therefore I would like to encourage you to submit articles or any contribution to the ECSA Bulletin.

You might send a **Letter to the Editor**, write about a current and planned research on a specific site for the section **Estuaries in Focus**, present what your institution does in the section **Introducing Institutions**, write a **Book Review**, or send any announcement, articles, reviews, notices of forthcoming meetings, news of personal and joint research projects, etc. you would like to advertise to the ECSA community.

The next number the ECSA Bulletin will be issued in July and the deadline for submissions is the **15th May**, so there is still time to send your contribution.

Any correspondence should be sent to the ECSA Bulletin Editor Jean-Paul Ducrotoy (jean-paul.ducrotoy@hull.ac.uk).

Additional information on word limits, file formats, etc. is available on the [ECSA website](http://www.ecsa-news.org) (under the section Publications).

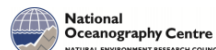
Thank you,
Anita Franco
ECSA e-newsletter editor

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ECSA Local Meeting (Bangor, April 2014) – Abstract deadline extension



Meeting on the Coasts and Estuaries of North and mid Wales
8-10 April 2014 University of Bangor, Bangor, Gwynedd



Deadline for abstract submission has been extended to Friday 14th March.

The ECSA 2014 spring local meeting will focus on the coasts and estuaries of North and mid- Wales. This region extends from the River Dee in the North (which forms the boundary with England) to Aberystwyth and Cardigan Bay in the south and includes the North Wales coast, Anglesey and the Menai Straits, the Llyn Peninsular and the coast and estuaries of mid-Wales.

The region contains some of the most distinctive marine areas in Great Britain ranging from spectacular estuaries with extensive intertidal areas to the rocky shores of Anglesey and the Llyn Peninsular.

Abstracts are invited on the following topics:

- The biology and ecology of coastal habitats
- Hydrology, sedimentology and geomorphology in the coastal zone
- Fisheries and aquaculture
- Nutrients and pollution
- Management of the coastal zone
- Marine energy
- Socioeconomic utilisation of the coastal zone

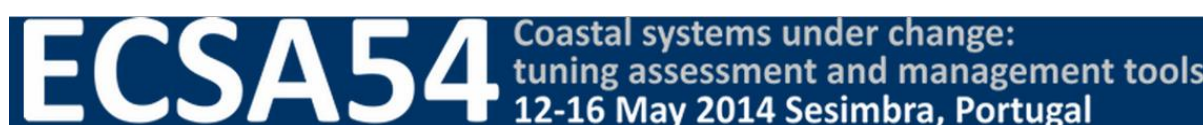
Speakers are expected from, Aberystwyth University, Bangor University, the Centre for Ecology and Hydrology, Dŵr Cymru/Welsh Water, Gwynedd Council, National Oceanography Centre, Natural Resources Wales, Swansea University, the University of Hull, the Welsh Government and the local shellfish industry.

The Meeting will host also the Annual General Meeting (AGM) of the Association on the 10th of April.

Full details on the conference programme, registration fee and booking are available on the ECSA website (Forthcoming Events in <http://www.ecsa-news.org/>).

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ECSA54 (Sesimbra, May 2014) – Keynote speakers



Keynote speakers have just been announced:

1. Hydrodynamic and geomorphological shifts in coastal systems - [Maria de Conceição Freitas](#)
2. Geochemical processes in changing environments - [Nicolas Savoye](#)
3. Shifts in biodiversity and ecosystem functioning - [Anne Magurran](#)
4. From genes to ecosystems: effects of global change - [Filip Volckaert](#)
5. Connectivity and its implications towards conservation and management - [Audrey Geffen](#)
6. Improving management and decision processes: advances in predictive tools - [Wendy Bonne](#)

Please see <http://ecsa54.fc.ul.pt/Keynote.html> for further details

ECSA54 UPCOMING IMPORTANT DATES

- **Early Registration Deadline: 31 March 2014**

Steering Committee:

Henrique Cabral, Centro de Oceanografia, University of Lisboa, Portugal (Convenor)

Mike Elliott, IECS, University of Hull, United Kingdom

Lúcia Guilhermino, CIMAR/CIIMAR, University of Porto, Portugal

Victor de Jonge, IECS, University of Hull, United Kingdom

João Carlos Marques, IMAR, University of Coimbra, Portugal

ECSA 54 Conference Secretariat:

ecsa54@fc.ul.pt

www.ecsa54.fc.ul.pt



CENTRO DE OCEANOGRAFIA

Centro de Oceanografia (PEst-OE/MAR/UI0199/2011)

Project Bioconnect (PTDC/MAR/117084/2010)

Project FishBiodiversity (PTDC/MAR/117119/2010)



» ECSA 54 is supported by:



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OTHER FEATURES/EVENTS OF INTEREST

Environmental Interactions of Marine Renewable Energy Technologies Conference, April 2014



Following the success of the inaugural international EIMR conference in Orkney in 2012, and with popular demand for a second meeting, the University of the Highlands and Islands and partners are delighted to announce the second environmental interactions of marine renewables (EIMR-II) conference to be held in Stornoway on the Isle of Lewis, Scotland.

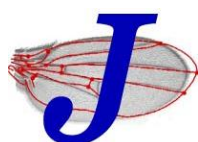
This meeting will serve as an international forum for researchers and professionals to come together to present the latest research results and ideas on the oceanographic, ecological and societal interactions of wave and tidal-stream energy devices.

The main conference event will be held in the An Lanntair Arts Centre, Stornoway, Scotland from 30/04 – 01/05/2014, with an additional programme of supplementary special interest sessions, field trips and other activities expected to take place throughout the full week from Monday, 28 April to Saturday, 03 May 2014. Its main objective is to bring together people from different disciplines and cultures to encourage collaboration and develop ideas.

Further information are available at the conference website: <http://www.eimr.org/web/>

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Geometric morphometrics course, May 2014



A geometric morphometric course will be taking place at the [Scottish Center for Ecology and the Natural Environment \(SCENE\)](#), from the 12th-15th May, 2014.

The course will take participants through the complete process involved with preparing and analysing shape data. There will be a background explaining the history and principles behind geometric morphometrics. It will cover the basics of data acquisition and the most productive method to digitise landmarks using software TPSdig and TPSutil as well as others. How to analyse 2 dimensional, 3 dimensional objects and objects with symmetry. Cover in detail how to extract and visualise shape changes from your images. Identify where variation is in your samples using Principle Component Analysis, how to export, for example PC scores to be analysed further in, for example, R. Compare the amount of variation between groups using Discriminant Function and Canonical

Variance Analysis). How covariation, using regression, can be used to size correct data i.e. to remove the effect of allometry or unwanted shape variation. Modularity, Partial Least Squares and mapping shape change with phylogeny (to compare across species/families) will also be covered before a final overview of how these different types of analysis can be used to answer hypothesis.

Prof. Chris Kligenberg will be delivering the course. Chris is a professor at Manchester University and designed/wrote the software morphoJ (http://www.flywings.org.uk/MorphoJ_page.htm) and specialises in geometric morphometrics and analysing evolutionary data sets based on shape change. The software is used a lot in plant biology, evolutionary biology, functional morphology paleontology, etc. and can really be applied to many different fields. It allows comparison of shapes, images, structures in either two or three dimensions. This type of analysis is well suited to analysing evolutionary and functional morphology data, population dynamics, anything that can be compared using shape or physical characteristics.

The course is delivered to participants by working through exercises and examples which specifically give good insight as to how you might answer or formulate questions about your own data so is both lecture style and practical.

The course is 4 days long (Monday 12th – Thursday 15th May, 2014, 9:30 – 18:30 (approx. 8 teaching hours). There are 20-24 spaces on the course (to be confirmed) which costs £375 (stand alone) or with meals, refreshments and accommodation (arrival Sunday 11th in the pm and departure Friday 16th in the am) £575.

For further details visit www.prstatistics.co.uk.

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Meta-analysis course, May 2014

A course on “Introduction to meta-analysis in ecology” will take place at the University of Genova, Italy from the 19th-23rd May, 2014.

Course aims and objectives:

Meta-analysis is the quantitative synthesis and analysis of a collection of independent studies. It provides a more objective and powerful way of summarizing evidence across studies than descriptive reviews. The importance and utility of this quantitative method for answering new questions and synthesizing existing results in different fields of scientific research is demonstrated by the dramatic increase in the number of studies using meta-analysis in the last ten years. The course will provide the basics of meta-analysis. The emphasis of the course is both on the conceptual understanding and practical use of this method, as applied to ecological questions. It will consist of lectures, discussions, and practical exercises.

Course outline:

The one-week course will consist in lectures in the morning and practical in the afternoon.
Lectures --- Introduction: Definition of meta---analysis, qualitative review vs. quantitative synthesis, history, approaches. // Performing a meta---analysis: Defining the question(s), effect sizes, data extraction, research and publication bias, data analysis (e.g., fixed and mixed models), non---independence, using R for meta---analysis. // Presentation and interpretation of meta---analysis results. // Applications: Overview and discussion of different case studies utilizing meta---analysis.

Practical ----- The process: Students will walk through all the steps and calculations for one practical example coming from the mini---projects they would have prepared for the course, with emphasis on issues related to data extraction, data summaries, effect size, and analysis. // Application: Using the mini projects, students will define and answer questions they develop using this dataset. // Putting it all together: Using the mini---projects, students will extract data and perform analyses of this data.

Instructors:

Fiorenza Micheli (<http://micheli.stanford.edu>)

Craig W. Osenberg (<http://people.biology.ufl.edu/osenberg>)

Joachim Claudet (<http://joachim.claudet.free.fr>)

Course fee:

The course fee is 400 euros for PhD students and 550 for post-doctorals and researchers.

Applications:

Applications must be sent (by e-mail) no later than March 31st 2014 to Mariachiara Chiantore and Valentina Asnaghi (chiantor@dipteris.unige.it and valentina.asnaghi@unige.it). All applications should include the application form, a short CV and a brief outline of the mini---project. Applicants will be notified of admission decisions no later than April 7th 2014. Successful applicants will receive additional information concerning the course, a detailed programme, and information about accommodation, local transportation and payment.

For any other information, please contact Mariachiara Chiantore (chiantor@dipteris.unige.it) or Valentina Asnaghi (valentina.asnaghi@unige.it).

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Marine and Coastal Policy Forum, June 2014



The 2nd Marine and Coastal Policy Forum will take place on 18-20th June 2014 in Plymouth, UK.

The Forum is organized by the [Centre for Marine and Coastal Policy Research](#), Plymouth University.

The Forum will begin with an evening keynote lecture followed by reception on Wednesday 18th June 2014 and conclude at lunchtime on Friday 20th June with a Devon cream tea. An informal evening of food and music will be held on Thursday 19th June (included in registration fee). The event will provide a focused and inclusive forum for policy-makers, policy-influencers, practitioners, regulators, and researchers to discuss contemporary issues surrounding the management of the marine and coastal environment. Contributions that focus on issues relevant to the English Channel, NE Atlantic, North Sea, Irish Sea and Celtic Sea would be particularly welcome.

Forum topics:

- Marine science-policy integration
- Planning and management of the marine and coastal environment
- Marine conservation and MPAs
- New and emerging legislation, directives and policies
- Blue economy and offshore development

- Marine ecosystem services and the ecosystem approach
- Cultural and social aspects of the marine environment
- Societal engagement with marine issues
- High seas governance and conservation
- Management of marine resources
- Social media in marine and coastal policy

For more information about the Forum, presentation opportunities, and to register, please visit:

www.tinyurl.com/marcopolforum

For specific enquiries please contact: Dr Steve Fletcher steve.fletcher@plymouth.ac.uk

For any event queries please contact events@plymouth.ac.uk

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International Conference on Invasive *Spartina*, July 2014



The 4th International Conference on Invasive *Spartina* will take place at the University of Rennes, France, between 7th and 10th July, 2014.

By bringing together international experts from complementary areas, this 4th International Conference on Invasive *Spartina* aims at promoting knowledge exchanges and discussion on the developments accomplished during the last decade in both fundamental biology (evolutionary history of the genus, impacts on ecosystems, evolution of the communities impacted by the invasions) and applied research (management and control of the invasive populations). The contribution of the recent technological developments and advanced genomic approaches to the understanding and use of *Spartina* will be most particularly explored.

Abstract submission deadline for oral presentations is **31st March 2014**

Find more about the conference programme, registration, offers of papers, accommodation etc. at ici-spartina2014.univ-rennes1.fr

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DEVOTES Summer school in modelling marine systems, July 2014



DEVOTES SUMMER SCHOOL. AQUARIUM OF DONOSTIA-SAN SEBASTIAN, 15-17 JULY 2014



REGISTRATION IS OPEN

Early registration fee available until 30th May

Special rates for students

15th to 17th July 2014
Devotes Summer School
Aquarium of Donostia- San Sebastián (Spain)

From Species to Ecosystems:
Modelling Marine Ecology for Management Applications

Director: Dr. Angel Borja, AZTI-Tecnalia (Spain). Coordinator of the European 7th FP DEVOTES project (Development of innovative tools for understanding marine biodiversity and assessing good environmental status).

Objectives: This is the 11th AZTI's Marine Research Division Summer School and the second one organized within the European FP7 project "DEVOTES" (Development of innovative tools for understanding marine biodiversity and assessing good environmental status), in which most of the teachers of this Summer School are involved. As in previous years, we want that attendees can acquire new knowledge on recent trends in marine research, related to management of our oceans.

This Summer School will explore the potential and recent advances in the use of marine modelling (some of them developed in DEVOTES), at different scales (from species to ecosystems), in management applications, including scenarios of climate change.

Hence, the main objective of the school is to give an overview on the marine modelling to ocean and coastal management, with a closer view to the European Marine Strategy Framework Directive (MSFD), especially in descriptors such as: biodiversity, fishing, food-webs and seafloor integrity.

Dates: 15th to 17th July 2014

Venue: Aquarium of San Sebastián (Spain)

Registration Fees:

Early registration (until 30th May)	80 €
Early student registration (until 30th May)	65 €
Late registration (until 14th July)	110 €
Late student registration (until 14th July)	90 €

Find more on the programme, registration, accommodation etc. at
<https://www.ticketea.com/devotes-summer-school-2014/>

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International Congress on the Biology of Fish, August 2014



ICBF2014
11th INTERNATIONAL CONGRESS ON THE
BIOLOGY OF FISH
3-7 AUGUST, 2014, HERIOT-WATT UNIVERSITY, EDINBURGH

From: Brian C Small [mailto:bcsmall@siu.edu]

Sent: 24 February 2014 17:03

Subject: ICBF 2014 Registration and Accommodations now LIVE

Dear Friends and Colleagues,

The links for Registration and Accommodations are now LIVE on the ICBF2014 website (<http://icbf2014.sls.hw.ac.uk/>). Please be aware that there are both on-campus and off-campus accommodations available. Abstract submission is also open.

Here are a few dates you should be aware of:

Abstract submission deadline: **March 31st**

Early registration deadline: **May 31st**

Check the website often for updates and don't forget to follow us on Twitter and Facebook.

I look forward to seeing in Edinburgh!

Brian

Brian C. Small, Ph.D.
President, AFS Fish Physiology Section

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Littoral 2014, September 2014



Littoral 2014
22-26 September, Klaipeda

Littoral 2014.
Facing Present and Future Coast Challenges

SECOND ANNOUNCEMENT TO LITTORAL 2014 WITH CALL FOR ABSTRACTS **Facing present and future coastal challenges**

Dear Colleague,

On behalf of the Littoral Scientific Committee we cordially invite you to a traditional, 12th coastal conference Littoral 2014 which is organized jointly by Coastal Research & Planning Institute of Klaipeda University Marine Science & Technology Center, the Baltic States Office of EUCC – Coastal and Marine Union and Association Baltic Valley, Lithuania.

Conference is dedicated to the 20th anniversary of the EUCC Baltic States Office. The participants will get an opportunity to share the results and ideas from their activities in coastal research, conservation and management, and experience the impressive diversity of the southeast Baltic Sea coast.

Littoral 2014 will address a wide range of coastal research, conservation and management issues and focus on networking of coastal researchers and practitioners from all over Europe.

CONFERENCE TIME AND VENUE

Littoral 2014 will be held on 22-26 September, 2014 in the city Klaipeda, Lithuania at the Conference complex Aula Magna of Klaipeda University.

Address: Mall and University Auditorium Center “Studlendas”, Klaipeda University,
H. Manto 84, LT 92294, Klaipeda, Lithuania.

Second Announcement to Littoral 2014 can be found on the Conference website
<http://balticlagoons.net/littoral2014/>

[Registration](#) and [abstract submission](#) is already open!

Sincerely,

Prof. dr. Artūras Razinkovas-Baziukas
Chair of the Council of Marine Science &
Technology Center

Assoc. Prof. Dr. habil. Gerald Schernewski
President of EUCC - The Coastal Union
Germany

Dr. Saulius Gulbinskas
Director of the Administration of Association Baltic
Valley

Prof. dr. Ramūnas Povilanskas
Director of Coastal & Marine Union (EUCC) - Baltic
States Office

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FELLOWSHIPS/JOB POSITIONS/OPPORTUNITIES

HFSP Research grants



HUMAN FRONTIER SCIENCE PROGRAM
FUNDING FRONTIER RESEARCH INTO COMPLEX BIOLOGICAL SYSTEMS

The HFSP supports novel, innovative and interdisciplinary basic research focused on the complex mechanisms of living organisms; topics range from molecular and cellular approaches to systems and cognitive neuroscience and the interactions between organisms. A clear emphasis is placed on novel collaborations that bring biologists together with scientists from fields such as physics, mathematics, chemistry, computer science and engineering to focus on problems at the frontier of the life sciences.

Young Investigators' Grants are awarded to teams of researchers, all of whom are within the first five years after obtaining an independent laboratory (e.g. Assistant Professor, Lecturer or equivalent). Applications for Young Investigators' Grants will be reviewed in competition with each other independently of applications for Program Grants.

Program Grants are awarded to teams of independent researchers at any stage of their careers. The research team is expected to develop new lines of research through the collaboration. Up to \$450,000 per grant per year may be applied for. Applications including independent investigators early in their careers are encouraged

The cycle for 2015 grant applications (applications in March 2014 for awards to be announced in March 2015) is now open:

Compulsory registration, via the website: **March 20th, 2014**

Submission of Letters of Intent: **March 27th, 2014.**

For more details see <http://www.hfsp.org/funding>

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Plant Fellows postdoc positions

The following announcement may be of interest for those working in plant sciences (ecology, genetics, evolution, physiology, molecular biology, etc).



PLANT FELLOWS

The International Post doc Fellowship Programme in Plant Sciences

Next deadline for applications: **31 March 2014** at 17.00.00, Zurich local time

PLANT FELLOWS is an international post doc fellowship programme in the field of plant sciences co-funded by the SEVENTH FRAMEWORK PROGRAMME (FP7) Marie Curie Actions People, Co-funding of Regional, National and International Programmes (COFUND) and is centrally managed at the Zurich-Basel Plant Science Center.

It is offering post-doc fellowships between 12 and 18 months at universities, research institutions and industry partners all over the world.

The fellows of the programme can benefit from a postdoc training programme including transnational mobility, industrial placements, career events and courses dedicated to training in entrepreneurship and complementary skills.

PLANT FELLOWS is open to all fields of research in plant sciences and to applicants of any nationality fulfilling the eligibility criteria as set out in the PLANT FELLOWS guide for applicants available online: www.plantfellows.ch

Do not hesitate to contact the programme officer Mrs. Romy Kohlmann (info-at-plantfellows.ch) for any further questions.

To learn more about the programme activities, the application and selection procedures as well as the host organisations please visit: www.plantfellows.ch

Romy Kohlmann, M.A. Programme Officer PLANT FELLOWS - Zurich-Basel Plant Science Center -ETH Zürich, LFW B 51 - Universitätstrasse 2 - 8092 Zürich
phone: 0041 44 632 47 96 - fax: 044 632 18 26 (Monday- Thursday)

Kohlmann Romy, romy.kohlmann@usys.ethz.ch

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PhD Studentships Available at the Marine Biological Association



A number of 4-year PhD studentships are available at the MBA as part of the University of Southampton [NERC SPITFIRE](#) (Southampton Partnership for Innovative Training of Future Investigators Researching the Environment) Doctoral Training Partnership. These projects will be jointly supervised by staff at the MBA and School Of Ocean and Earth Sciences.

1. Physiological mechanisms driving macroecological responses to multiple stressors in marine ecological engineer species.

Supervisors: Dr Nova Mieszkowska (MBA), Dr Chris Hutton (University of Southampton).

2. Climate change impacts on the structure and functioning of kelp forest ecosystems in the NE Atlantic.

Supervisors: Dr Dan Smale (MBA), Prof S Hawkins (University of Southampton).

3. Quantifying the cost of calcification in coccolithophores.

Supervisors: Prof Colin Brownlee (MBA), Dr Toby Tyrrel (University of Southampton), Dr Glen Wheeler (PML/MBA).

4. Understanding migratory movements of threatened rays and their fishery interactions.

Supervisors: Prof David Sims (MBA), Dr Clive Trueman (University of Southampton).

For further information please go to the University of Southampton [SPITFIRE website](#) or contact the relevant MBA supervisors directly:

Dr Nova Mieszkowska: nova@mba.ac.uk

Dr Dan Smale: dansma@mba.ac.uk

Prof Colin Brownlee: cbr@mba.ac.uk

Dr Glen Wheeler: glw@mba.ac.uk

Prof David Sims: dws@mba.ac.uk

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Website: <http://www.ecsa-news.org/>

ECSA is a registered charity (reg. no. 264006)

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

Disclaimer: ECSA is not responsible for faults due to incorrectness of info in this newsletter