



ECSA Newsletter, December 2016 (No. 24)

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MESSAGES FROM ECSA / ECSA EVENTS

New ECSA website (work in progress) and other media

Dear Member,



We have exciting news about the **ECSA WEBSITE**. On Friday 16th December, we are going to launch a new, vibrant and interactive ECSA website to better engage researchers and practitioners internationally in promoting excellence in estuarine and coastal marine science, technology and management. New features will include dynamic format and content for improved user experience via portable and desktop devices; improved access to membership benefits including a wide range of publications, awards and concessions for national and international meetings. The new website will soon be accessible at

<http://ECSA.international>. Keep an eye on this!



You might also have noticed you haven't received the **ECSA E-NEWSLETTER** in a while. We had a few issues with the membership mailing list, but these are now resolved and the issuing of the ECSA e-newsletter is back to normal. We encourage you to use the ECSA e-newsletter to circulate information about conferences, courses, job/research opportunities and ideas that may be of interest to the ECSA community. Please send this information to the ECSA e-newsletter editor, Anita Franco (A.Franco@hull.ac.uk). Indicative deadlines for receiving the information for inclusion in the e-newsletter are 10th March for the spring issue, 10th July for the summer issue and 10th November for the autumn issue.

Also don't forget all the other communication channels ECSA has to spread news, messages and promote discussions:



[@ECSAssociation](https://twitter.com/ECSAssociation)



[ECSA - Estuarine & Coastal Sciences Association](https://www.facebook.com/ECSA-Association)



[Estuarine Coastal Sciences Association \(ECSA\) network](https://www.linkedin.com/company/ECSA-network)

For any contribution or information regarding these media, please contact the ECSA communications coordinator, Ruth Callaway (R.M.Callaway@swansea.ac.uk).

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MPAs Conference 2017 – Abstract extended deadline



Abstract submission deadline has been extended to the 19th December 2016.

Climate change, policy developments such as Brexit and progress in marine science all contribute to a fast changing context for MPA's. This conference aims to examine the current issues from a variety of perspectives at a time when questions on the future approaches to MPA's are the subject of policy development. Contributions are welcome from individual practitioners, NGOs, statutory and governmental organisations as well as from academia.

Abstracts of papers and posters are invited ranging from original scientific research reports through reviews to policy analyses, critiques and management practice innovations. Both UK and comparative international perspectives are welcome on all forms of Marine Protected Area.

See conference website for abstract submission, registration and other information:
<http://www.pooleharbourstudygroup.org.uk/2017-conference/>

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Other ECSA events in 2017-2018

ECSA + SKELC International meeting in Shanghai, October 2017 (TBC)

ECSA and SKLEC (State Key Laboratory East China Normal University, Shanghai) International meeting.
Tentative title: Land meets Ocean: The vulnerable interface.
Further information coming soon

ECSA 57 International Symposium in Perth, 3-6 September 2018

Organised by ECSA and Murdoch University. Administered by Elsevier.
Venue: [Pan Pacific Hotel](#), Perth, Australia
Further information coming soon

ECSA + International Water Association joint conference on the Pearl River, Hong Kong, Late October/November 2018

The conference will feature estuarine and coasts waters impacts as a major theme. Guangzhou is at the head of the Pearl River estuary, which in turn opens up into the delta at Shenzhen - Hong Kong - Macau.
Further information coming soon

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OTHER FEATURES/EVENTS OF INTEREST

Coastal Futures 2017, London (Jan 2017)

Coastal Futures
Conferences in London

Coastal Futures 2017 - Review and Future Trends

January 18-19th 2017 – SOAS, University of London

Coastal Futures annual conferences began in 1994. The title of the first meeting was 'Marine Environmental Management – Review of Events in 1993 and Future Trends'. The meeting has evolved but the essence of review and future trends remains with its main function being to brief a wide cross section of coastal and marine practitioners on topical issues covering a wide range of sectors.

Coastal Futures 2017 provides:-

- **Strong perspectives** - from key stakeholders and industry leaders, who take a *proactive* approach to the sustainability agenda in the coastal and marine environment

- **Reviews** - from acknowledged experts in many subjects
- **Future trends** - pointers to future areas of activity which will directly affect *your* work
- **Networking** - an excellent opportunity to meet those at the forefront of these issues

Coastal Futures 2017 sets out to:-

- Deliberately **bring together different sectors** to discuss important developments and concerns
- Describe the **actual changes** that are taking place in the environment that are causing concern and actions being taken to deal with these
- Describe the **developing programme of policy and management** which is unfolding to meet these concerns

Organised by CMS – Communications and Management for Sustainability

[Information on the Coastal Futures conference website](#)

Twitter: #cf17 & #coastal futures

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EGU – session on Coastal Carbon, Vienna (Apr 2017)



The European Geosciences Union General Assembly will be held between the 23rd-28th April 2016 in Vienna, Austria.

Craig Smeaton (Convener, University of St Andrews) and co-conveners William Austin (University of St-Andrews) , Hilary Kennedy(University Bangor) , Evina Gontikaki (University of Aberdeen), Thomas Bianchi (University of Florida) invite submission of abstracts to for the EGU session :

BG3.3/OS3.9

Coastal Carbon: From Vegetated Coasts to Sedimentary Stores.

Abstracts from researcher of any level working on aspects of coastal carbon are welcome.

Contributions focusing on the following topics are encouraged:

- Tracing the source of C in the coastal environment (isotope, geochemical, biomarkers etc.)
- Transportation of C between different habitats and pools (i.e. terrestrial to marine, kelp to sediment)
- The drivers of the transfer of C between different environments (e.g. land use, climate change, and anthropogenic disturbance).
- Benthic sedimentary processes (digenesis, remineralisation etc.)
- Coastal sedimentary C accumulation and stocks.
- Physical, chemical and biological vulnerability of coastal C stores to a changing environment and coastal management practices.

Efforts towards multidisciplinary approaches to answering these questions are especially welcome. Contributions that sit outside these areas of interest will be considered if they add value to the session.

Abstract Deadline: 13th January 2017.

Additional details of the session can be found at: <http://meetingorganizer.copernicus.org/EGU2017/session/24946>

If you want to ask a question feel free to ask (contact Craig Smeaton, cs244@st-andrews.ac.uk). If you are not able to help could you suggest the correct person to contact or could you please pass it on.

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The 1st International Eel Science Symposium, London (Jun 2017)



The 1st International Eel Science Symposium: 'Science into Management' June 13th – 15th 2017: ZSL London Zoo

The Symposium aims to provide a global forum for scientists and researchers to present the latest data and initiatives on the biology and management of anguillid eels. It will foster and develop international links between key academic, policy, industrial and other stakeholders to promote better understanding of the issues, parallels and conservation opportunities for these iconic species.

The symposium will bring together speakers and delegates from around the world for three days of presentations, posters, panel sessions as well as a number of social events including an evening reception on the River Thames.

The organising committee would welcome submissions under the following subject areas, and in relation to all 16 species of freshwater eels.

- Species, Regions and Pressures
- Stock Assessment
- Monitoring all Life Stages in Freshwater
- Marine Phase Tracking
- Ecohydraulics, Habitat and Behaviour
- Genetics
- Disease, Health and Viability
- Stocking and Artificial Propagation

All abstracts should include the following information in this order:

Title of the paper,
Authors' full names with presenter's name highlighted,
Affiliation and country of origin for each co-author,
Full address of the presenting author,
Email address of the presenting author,
100 – 200 word abstract on the paper's content,
Preference for an oral or poster presentation.

The Steering Group will review all submissions and will aim to ensure a good balance of topics and geographic areas. If requests for oral presentations are oversubscribed a poster presentation may be offered instead.

All submissions and enquiries should be sent directly to the conference administrator at info@ifm.org.uk

No presenting author should submit more than one oral presentation request, but may submit multiple poster presentation requests.

Closing date for submissions – 31st December 2016

Conference website:

<https://ifm.org.uk/events/event/1st-international-eel-science-symposium-science-management/>

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Advances in Marine Ecosystem Modelling Research Conference, Plymouth (Jul 2017)



The AMEMR (Advances in Marine Ecosystem Modelling Research) Conference provides an opportunity to present, discuss and learn about a wide variety of marine modelling challenges, methods, applications and outcomes.

AMEMR 2017 is organised by Plymouth Marine Laboratory and will take place in Plymouth, Britain's Ocean City, on 3-6 July 2017.

Abstract submission and registration are now open at www.amemr.info

Abstract submission deadline: 15th December 2016

Conference themes include:

Theme 1 Modelling: where have we come from and where are we going?

Theme 2 Making an Impact

Topics include but are not limited to:

- Multiple uses of the marine environment
- Ecosystem based management
- End-to-end ecosystem services
- The blue economy and the circular economy
- Including the human dimension in modelling
- Pollution management and monitoring
- Dredging
- Marine use planning including energy extraction
- Aquaculture
- Climate and climate change mitigation
- Improving collaboration with emerging economies

Theme 3 Building blocks: truth or dare?

- Session 3.1 Plankton in motion
- Session 3.2 Model experiments and experimental models
- Session 3.3 Building the zoo

Theme 4 Data, data everywhere, yet no time to think

- Session 4.1 Novel use of observations in models
- Session 4.2 Data assimilation
- Session 4.3 Statistics, bioinformatics and machine learning

Theme 5 Wild Card

If you cannot see an obvious place for your work within the current themes please submit an abstract under the Wild Card theme.

Further information at the conference website:

AMEMR 2017

www.amemr.info

amemr@pml.ac.uk

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CERF 2017, Providence, RI (Nov 2017)



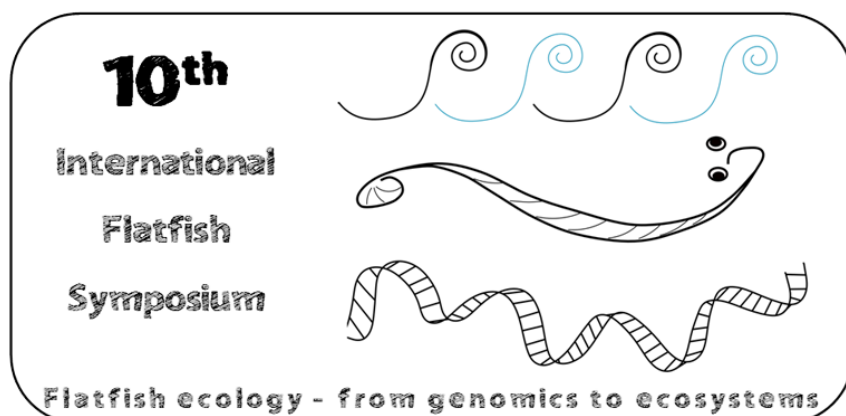
The CERF 2017 scientific program offers four days of, timely, exciting and diverse information on a vast array of estuarine and coastal subjects. Presentations will examine new findings within CERF's traditional science, education and management disciplines and encourage interaction among coastal and estuarine scientists and managers. Additionally, the Scientific Program Committee plans to convene special sessions and workshops that promote intellectually stimulating discussions. Join us and over a thousand of your colleagues to network, celebrate our work, learn from each other and grow within our amazing profession.

Registration will open in February 2017.

Further information at the conference website <http://www.erf.org/cerf-2017>

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International Flatfish Symposium 2017, Saint Malo (Nov 2017)



Agrocampus Ouest and the French Research Institute for Exploitation of the Sea (IFREMER) are pleased to announce the venue of the 10th International Flatfish Symposium (<http://www.flatfishsymposium.com/international-flatfish-symposium-2017>) convened from **11 to 16 November 2017** in Saint-Malo (France).

Objectives

Following the previous meetings, the 10th International Flatfish Symposium, entitled “Ten International Flatfish Symposia and 30+ Years of Advanced Research: Flatfish Ecology in 2017” will:

- Present emerging research on the biology and ecology of flatfish species across the globe,
- Quantify linkages between flatfishes, atmospheric, oceanographic, and other abiotic and biotic components of the ecosystem,
- Explore management tools for assessing and improving the sustainability of flatfish populations and related human activities (fisheries and aquaculture).

Themes

The 10th International Flatfish Symposium will include topics in all areas of research concerning flatfish ecology.

Contributions are encouraged on:

- Ecology (spatio-temporal connectivity along the life cycle, essential flatfish habitats, understanding short to long term changes),
- Interspecies comparisons (flatfish versus flatfish; flatfish versus other species),
- Experimental ecology and evolution (observations in the field, common garden, caging, etc), biotechnology, and other research technologies, including aquaculture and other applications,
- Anthropogenic pressures (multi-stress, e.g., global change, eutrophication and pollution) in addition to (or excluding) fisheries, and
- From local to global - scaling issues in research and ecosystem-based management

In addition, proposals out of the suggested theme sessions, or using multidisciplinary approaches, will be examined.

All suggestions for oral and poster presentations have to be submitted on <http://www.flatfishsymposium.com/international-flatfish-symposium-2017> from 1st March 2017 and will be considered for inclusion in the symposium program **until 3rd June 2017**.

Participation

The symposium is open to all interested participants. Those who wish to attend the symposium without making a presentation are welcome. Students are encouraged to participate.

Location

Saint-Malo is a fortified city located in Brittany, in northwestern France on the English Channel. It became notorious as the home of the corsairs, French privateers and sometimes pirates, and is the setting for the recently published and bestselling historical novel “All the light we cannot see” by the American author, Anthony Doerr. This historic and maritime great city is an acclaimed regional scenic area, tourist destination, and event hotspot. As in every French self-respecting city bordered by the sea, Saint-Malo also offers gastronomic delights.

We hope to see many of you in 2017 for a fruitful 10th gathering of the International Flatfish Symposium.

The organizing committee: Anik Brind’Amour, Marie-Laure Bégout & Olivier Le Pape

Visit the symposium website : <http://www.flatfishsymposium.com/international-flatfish-symposium-2017>

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FELLOWSHIPS/JOB POSITIONS/OPPORTUNITIES

Strategic Communications Manager, International Shipping, ECF



The ECF's Maritime & Arctic Programme works to ensure that the risks of global shipping emissions are understood and acted upon.

The ECF's Strategic Communications Team currently accepts applications for the role of Strategic Communications Manager, International Shipping, to work alongside the organisation's Maritime & Arctic Programme and their "HFO Free Arctic" campaign to help increase demand for a cleaner shipping future.

Working as part of an international team of expert communicators, the successful candidate will provide strategic communications capacity to a wide network of partners, enabling them to run impactful communications campaigns, raise awareness around priority issues and create more space for action on the climate and wider environmental impacts of global shipping.

This is an exciting opportunity for an experienced and highly driven communications professional with the ambition to make a difference and play an active role in helping speed up the low carbon transition internationally.

The Strategic Communications Manager, International Shipping will report to the Director, International Communications, and work in close collaboration with the Head of ECF's Maritime & Arctic Programme, as well as the campaigns and communications staff leading the "HFO Free Arctic" campaign.

Deadline for applications is the 11th December 2016

Further details at <https://europeanclimate.org/strategic-communications-manager-international-shipping/>

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Vacancies at the NAFC Marine Centre, Shetland



Fisheries Programme Leader

Closing date for applications: 5.00pm Monday 19th December 2016

An opportunity has arisen for an enthusiastic individual to lead the fisheries research programme in the Marine Science and Technology Department. The successful applicant will be responsible for managing and developing

fisheries research projects and work programmes along with associated staff and budgets. The successful applicant will hold a PhD in a relevant science subject and have a minimum of 2 years' experience in a research or fisheries role.

Marine Spatial Plan Project Officer

Closing date for applications: 5.00pm Monday 9th January 2017

The Marine Science & Technology Department has a vacancy for a Project Officer within the Marine Spatial Planning section. This is a full-time, fixed-term position for one year, but there is potential for the post to be extended at the end of the initial contract.

The Shetland Islands' Marine Spatial Plan (SIMSP) is the most advanced regional marine spatial plan in Scotland. The SIMSP was voluntarily adopted by the Shetland Islands Council in 2008 and became the first Marine Spatial Plan to be formally adopted in 2015.

The role of the Marine Spatial Planning Officer will be to further develop the Shetland Islands' Marine Spatial Plan, and in particular to help develop the 5th Edition, as well as to identify and develop projects relating to the cultural, environmental and economic importance of Shetland's marine environment.

Applicants should have a degree or equivalent in a relevant subject, such as Geography, Environmental Management, Marine or Terrestrial Planning, or Marine Biology, and an MSc or PhD would be desirable. Relevant experience of working in either marine or terrestrial planning or management, and of engaging with stakeholders would be advantageous.

Further details on these and other posts at NAFC Marine Centre can be found at <http://www.nafc.uhi.ac.uk/vacancies>

NAFC Marine Centre is the operating name of the Shetland Fisheries Training Centre Trust. Scottish Charity Number SC003715

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Vacancies at SAMS, Oban



Postdoctoral Research Assistant in Macroalgal Breeding

Fixed Term Appointment for 2 years

SAMS is seeking a highly-motivated postdoctoral researcher to support the delivery of an innovative four-year EU-funded project aiming to characterise, conserve and exploit kelp genetic diversity; the GENIALG initiative will harness the power of high-throughput -omics (e.g. GWAS) to improve the genetic resources available to breeders for sustainable, large-scale kelp (*Saccharina latissima*) farming.

Ocean Autonomous Systems and Ocean Data Engineers/Analysts (2 vacancies)

Fixed Term Appointment for 3 years

SAMS is seeking two Ocean Autonomous Systems and Ocean Data Engineers/Analysts to work within the internationally renowned Environmental Physics and Autonomous Technology Group (EPAT).

Application deadline is 09/01/2017

For more details on these and other vacancies at SAMS see website <https://sams.myciphr247.com/jobsearch.aspx>



Student Placement Opportunities, Port of Dover

The Port of Dover is Europe's busiest ferry port and a vital international gateway for the movement of passengers and trade. It is also an award-winning cruise port, the second busiest in the UK, and the choice of some of the world's most prestigious cruise lines. Other services include a cargo terminal and an award winning marina so our challenges are diverse and exciting.

The Environment Team at the Port of Dover is looking to recruit two energetic, exciting second year undergraduates studying hydrography, geography or environmental sciences to fill the one year placement positions of **Hydrographic Assistant** and **Environmental Assistant**. These will have the opportunity to work with the landside and marine operations on daily and project based tasks. Annual salary for these positions is £15,170 (subject to the 2017 annual pay increase) with normal working hours Monday to Friday 8.30am to 5pm.

To apply, send covering letter and CV to recruitment@dovertport.co.uk.
The **deadline for submitting your application is the 18th December 2016**.

Interviews and familiarisation tours will be held over the 4th and 5th January 2017.
Job descriptions and further information can be found online at <http://www.dovertport.co.uk/careers>

PhD positions at the University of East Anglia

Applications are open for studentship competition at the University of East Anglia, with several PhD opportunities being advertised.

These include, among others:

- Flow-bed interactions under three-dimensional stationary waves: 3D Antidunes (ALEXANDER_UENV17EE) – CASE project with Cefas (
- Microbes, mud, mucus and minerals: deep-time record of microbial environments and processes (ANDREWS_UENV17EE)
- The changing carbonate chemistry of the Southern Ocean (BAKKER_UENV17EE)
- Fungal parasites of marine diatoms – the biology and ecology of marine chytrids (CUNLIFFE_UMBA17EE) - CASE studentship with the Marine Biological Association of the UK
- Internal tides in the tropical Indian Ocean (HALL_UENV17EE)
- Is it safe to go into the sea? Climate change and vibrio bacteria (LAKE_UENV17EE)
- Plastics and plankton: How big a problem? (LINDEQUE_EPML17EE) - CASE project with DEFRA
- Biogenic trace gas production by seaweeds: exploring the impacts of worldwide aquaculture expansion (MALIN_UENV17EE)
- The maritime continent: Breaking the tropical barrier to global weather and climate prediction (MATTHEWS_UENV17EE)

Application deadline in most cases is: 23:59 on 8 January 2017, but check details of these and other opportunities at <http://www.enveast.ac.uk/projects/2016-projects>

