



## ECSA Newsletter, February 2020 (No. 33)

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## MESSAGES FROM ECSA / ECSA EVENTS

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### ECSA Membership

Dear ECSA Member,

This year promises to be an exciting year for ECSA. We have a UK Focus meeting at Plymouth in late March/early April - see here <https://ecsa.international/event/2020/ecsa-focus-meeting-catchment-coast-emphasis-estuaries-and-coastal-waters-sw-england> for further information. Then in September we have our biennial international meeting, which this year is being held jointly with EMECS (the International Center for Environmental Management of Enclosed Coastal Seas). This is being held in Hull in the U.K., and is on the theme of 'Estuaries and coastal seas in the Anthropocene'. This is a great opportunity for presenting work, and for meeting a wide variety of scientists from different countries - see here for further details <https://ecsa.international/event/2020/joint-ecsa-58-emecs-13-conference-hull-september-2020>. There is still time to submit abstracts.

Please note that there are lower registration rates for these meetings for ECSA members, an excellent reason for joining ECSA. Do take note of any early bird rates too. There are also opportunities for applying for grants to attend

meetings. Benefits of ECSA membership are listed on our Membership pages <https://ecsa.international/membership>.

May I remind existing members that subscriptions for the coming 2020/21 membership year are due by 1st April. ECSA cannot function and carry out its charitable aims without its members, so please continue to support our work, and form part of our scientific community.

Clare Scanlan  
ECSA Membership Secretary

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## New Membership rates for annual and student members from OECD/DAC countries

ECSA Council wishes to encourage applicants from a greater diversity of countries. We have therefore used the OECD DAC (Organisation for Economic Co-operation and Development, Development Assistance Committee) list to identify which countries would benefit most from reduced membership fees. The DAC list can be viewed at

### Membership Rates for (£ sterling) - DAC countries\*

Membership type	Rate	Note
Full annual member	12	Per annum
Student member	10	Three year membership, 1 payment only

<https://ecsa.international/membership-rates>, with the first three columns qualifying for the reduced rates, which can be seen below. This list will be reviewed periodically in line with the OECD review.

We hope this will assist people in these countries to benefit from the opportunities ECSA membership offers. Membership benefits include being able to apply for grants to attend meetings, awards for best poster or presentation at ECSA meetings, a reduced rate for online access to the journal *Estuarine & Coastal Shelf Science* (individuals only), and being part of a world-wide network of scientists. Please see here for more on the benefits of ECSA membership <https://ecsa.international/membership>.

We hope this will be of assistance to students, and early career workers in particular. If you have queries on this please contact me via the ECSA website.

Clare Scanlan  
ECSA Membership Secretary

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## ECSA Logo Competition

ECSA Council have agreed to hold an open competition to explore whether the current ECSA logo should be refreshed or replaced. Consequently, this year, the Annual Photo Competition is to be replaced by the [ECSA Logo Competition](#).

The ECSA Logo Competition is open to all ECSA members. Entries are welcomed for designs that represent (i) a subtle refresh to the current logo; or (ii) a complete new look, representing, for example, ECSA's place in addressing contemporary environmental challenges.

The **deadline for competition entries will be 28th February 2020**, and winners will be announced at the ECSA Focus Meeting in Plymouth, at the end of March.

Please go to <https://ecsa.international/article/ecsa-logo-competition> for further information, competition rules and how to apply.

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## **ECSA Focus Meeting, March/April 2020, Plymouth, UK**

**ECSA Focus Meeting: From catchment to coast with an emphasis on the estuaries and coastal waters of southwest England**

31st March to 2nd April 2020 at the Plymouth Marine Laboratory, Plymouth, UK PL1 3DH

This meeting continues ECSA's series of meetings focussed on an area or theme, and takes place in the renowned marine centre of Plymouth. A meeting programme, subject to slight changes, a registration form, and other relevant meeting information can be found at <https://ecsa.international/event/2020/ecsa-focus-meeting-catchment-coast-emphasis-estuaries-and-coastal-waters-sw-england>.

Offers of poster presentations for the meeting will be welcomed (please state if you would also present your work orally should the opportunity arise). If you would like to present work at the meeting, please send a brief abstract in Word format (title, authors, affiliations and text - maximum 250 words) to the meeting organiser Dr. Andrew Wither at [awith@noc.ac.uk](mailto:awith@noc.ac.uk).

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## **ECSA 58 & EMECS 13, September 2020, Hull, UK – Call for Abstracts & Travel grants**



### **Call for Abstracts**

ECSA's next major symposium, **ECSA 58 - EMECS 13: Estuaries and coastal seas in the Anthropocene – Structure, functions, services and management**, will take place from the **7-11 September 2020 in Hull, UK**.

The structure and functioning of our estuaries and seas are shifting within what is now termed the Anthropocene due to diverse drivers and pressures from local to global scales. The resulting threats to the natural and human features of these systems are often all too apparent, yet such changes can also present new opportunities. The challenge is to harness these opportunities through new ways of thinking, scientific developments, innovative technology and more effective integration of science and management.

ECSA 58 & EMECS 13 brings together a global multi-disciplinary community of researchers, educators and practitioners to address issues of outstanding importance in the science (both natural and social) and management of estuaries and coastal seas in this rapidly changing world.

Abstracts are now invited on a broad range of topics (see <http://www.estuarinecoastalconference.com/>). Abstracts should be submitted using the [online abstract submission system](#).

**Abstract Submission Deadline: 27 March 2020.**

Please note that ECSA offers **small travel grants** to its Members to attend the conference. Applications are also to be submitted by the **27 March 2020**. Find more information on terms and conditions and application form at <https://ecsa.international/grants-and-awards/charles-boyden-fund-small-grants>.

Applicants will be notified about acceptance of their contribution and application for small grant at the beginning of June.

**Early Bird Registration deadline: 22 June 2020.**

Find more information on the conference programme, location, etc. at <http://www.estuarinecoastalconference.com/>

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## OTHER FEATURES/EVENTS OF INTEREST

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### Coastal Wiki



Future Earth Coasts recently began to support the Coastal Wiki, which is hosted by the Flanders Marine Institute (VLIZ): [Coastal Wiki](#) (CW).

The CW has experienced strong growth since its inception in 2007, both in quantity and quality. Besides many contributions written on invitation, several European projects have contributed to the Coastal Wiki (e.g. ENCORA, MarBEF, SPICOSA, PEGASO, THESEUS, MERMAID, EUR-OCEANS, Marine Genomics). The CW is intended to facilitate cooperation between coastal experts of different disciplines, by filling the gap between the basic introductions of Wikipedia and the specialized articles of scientific journals. According to Job Dronkers, manager/moderator of CW, the Coastal Wiki is one of the most consulted internet sources for information about coastal management issues; user statistics show that the CW is widely used in academic institutions across the globe.

[Please look here for more information on the background of CW.](#)

New articles are written by authors on invitation for a specific topic. Current practice is that authors submit their draft that is commented on by Job Dronkers or by a member of the editorial board. After revision the article is uploaded, taking care of internal links, copyright aspects and layout. The number of new articles is currently no higher than 10/year on average. Most of the editorial time is devoted to reviewing existing articles. Job Dronkers is now looking to expand [the editorial board of CW](#) and asked us for potential candidates - which is why we are reaching out to you.

Those of you who are willing to join the CWEB are cordially invited to express their interest to us, either by leaving a comment below this message or by sending an email to me ([hannah.jansen@leibniz-zmt.de](mailto:hannah.jansen@leibniz-zmt.de)) or Sebastian Ferse ([sebastian.ferse@leibniz-zmt.de](mailto:sebastian.ferse@leibniz-zmt.de)) - also if you have any questions of course.

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## MarineComp @ ICCS 2020, June 2020



### MARINECOMP-Towards the Future of Marine Computation for Sustainable Development

A Workshop @ ICCS 2020: International Conference on Computational Science, Amsterdam, The Netherlands, 3-5 June, 2020

#### Workshop Marine Computing Towards the Future of Marine Computation for Sustainable Development at the International Conference on Computational Science, ICCS 2020

Amsterdam, The Netherlands, 3-5 June 2020

MarineComp2020 will focus on the use of computational methods for the simulation of every aspect of the marine environment: currents, waves, pollutant transport, among others, as well as every scale, from local studies in estuaries and coastal systems to global ocean studies. Integrated studies blending different scales and/or processes are encouraged. As the atmospheric system is influenced by and influences the marine environment, coupled atmospheric ocean studies are welcome. Although papers dealing with advancements in numerical algorithms and improvements in computational performance are accepted, we aim specifically at papers advancing the human capacity in dealing with the sustainable development goals as defined by the UN, as well as the human capacity to harvest the economic potential of the ocean, according to the blue growth model.

You can find more details at:

[https://linkprotect.cudasvc.com/url?a=https%3a%2f%2ffmartins241.wixsite.com%2fmarinecomp2020&c=E,1,cHWN A12tFMNLJNtxwHX5idst-CcRbJDZznbMffrny-5BbSkasuYCWlm5zzT6yxLoX3DN0kw8-VDddOCHzaYv2JwhkQK23b8PqhMCXQMp\\_O\\_mRMWM&typo=1](https://linkprotect.cudasvc.com/url?a=https%3a%2f%2ffmartins241.wixsite.com%2fmarinecomp2020&c=E,1,cHWN A12tFMNLJNtxwHX5idst-CcRbJDZznbMffrny-5BbSkasuYCWlm5zzT6yxLoX3DN0kw8-VDddOCHzaYv2JwhkQK23b8PqhMCXQMp_O_mRMWM&typo=1)

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## 8th International Symposium "Monitoring of Mediterranean coastal areas", June 2020



The Institute for Bioeconomy- National Research Council of Italy (CNR-IBE) in collaboration with other CNR Institutes and University Departments, is organizing the 8th International Symposium:

**"Monitoring of Mediterranean coastal Areas: problems and measurement techniques"  
(Livorno, Italy, 16-18 JUNE 2020)**

The Symposium will be organized into the following sessions:

- Flora and Fauna of the littoral system: dynamics and protection
- Morphology and evolution of coastlines and seabeds
- Coastline Geography and Coastal Landscapes: territorial dynamics and integrated protection
- Coastal Environmental Engineering: pollution, energy production, monitoring and economic environmental assessment, regulatory context
- Underwater and Coastal Cultural Heritage

The symposium will also include:

- oral presentations;
- a poster session.

For further information please visit the conference [website](#)

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## **IFM 10th Specialist Conference – Delivering Action for Salmon, May 2020**



**IFM 10th Specialist Conference – Delivering Action for Salmon  
12th – 14th May 2020  
St Marys Heritage Centre, Gateshead**

**Closing date for submissions 7th February 2020**

To celebrate 10 years of IFM Specialist Conferences, the Institute of Fisheries Management (IFM) have joined with the International Year of the Salmon (IYS) to host the flagship IYS conference for the UK. The conference will also be supporting World Fish Migration Day.

The conference's aim is to bring people together to share knowledge, raise public awareness and to encourage people and businesses to sign up to action to protect and enhance wild Atlantic salmon as part of the International Year of the Salmon.

The desired outcome of the conference is a 'blueprint' for delivery, a toolkit that can accelerate the delivery of the necessary environmental improvements to restore Atlantic salmon populations. IFM want to learn from those organisations that we need to work with to deliver the necessary environmental changes, to share best practice in delivering action from across the 'salmosphere', and build professional capability and understanding.

The conference will be over three days with talks and field trips that are focussed around the conference aims.

The organising committee would welcome submissions from people working in the following areas:

### **1. State of Atlantic salmon populations**

## **2. Industry leading change**

Managing water for salmon  
Farming, forestry and landuse  
Action in the marine coastal zone

## **3. Planning for salmon**

Improving fish passage  
Reconnecting with our natural heritage  
Managing threats, climate change, invasive species etc

## **4. Catchment Based Approach**

Rewilding our rivers  
Natural Flood Management

## **5. Managing fisheries sustainably**

Angling  
Protecting salmon at sea

## **6. Getting involved**

Citizen science  
Delivering projects for salmon

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,  
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](mailto:info@ifm.org.uk)

**Closing date for submissions 7th February 2020**

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## **FELLOWSHIPS/JOB POSITIONS/OPPORTUNITIES**

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## **Masters in Flood Risk Assessment, Modelling & Engineering, University of Chester**



University of  
Chester

**CIWEM** Chartered Institution of  
Water and Environmental  
Management

### **Applications now open for 2020/21 entry**

The Department of Geography and International Development at the University of Chester is offering a Masters programme in Flood Risk Assessment, Modelling and Engineering (FRAME) that addresses challenges and skills gaps in the area of flood risk management and engineering. The Masters programme is designed to enable participants to stay in employment while pursuing postgraduate study through an innovative delivery model that involves a combination of classroom-based activities, fieldwork (virtual, local and international), online delivery and engagement with flood practitioners.

The programme utilises the latest innovative technologies, including Augmented and Virtual reality, drone mapping and virtual fieldwork. Key modules focus on flood modelling and GIS, urban drainage design and engineering, natural flood management and sustainable drainage systems, resilience and adaptation, and risk communication.

Our current cohort of students include recent graduates from a range of subject areas including geography, civil engineering and law. We also have students who are working as full time staff from lead local flood authorities, environmental consultants, civil engineering firms and are working towards their Masters on either a part-time or a full-time basis.

For more information please go to <https://www1.chester.ac.uk/study/postgraduate/flood-risk-assessment-modelling-and-engineering> or contact Dr. Katharine Welsh (Department of Geography and International Development, University of Chester, Chester, CH1 4BJ, United Kingdom; Tel: 01244-511-236; [k.welsh@chester.ac.uk](mailto:k.welsh@chester.ac.uk))

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## **Job Vacancies (UK)**



### **Senior Environmental Consultant (Offshore)**

Location: Newcastle

Closing date for applications: **15 February 2020 at 12:00 pm**

Permanent, Full Time

The Planning & Environment department within Natural Power is made up of a diverse range of both off and onshore consultants with considerable technical experience and expertise covering both ecology and planning. We are expanding our offshore team and we are looking to recruit a highly motivated and ambitious employee to work on a wide variety of high-profile offshore renewable and cabling projects globally. We are recruiting for a Senior Consultant, specialising in offshore environmental compliance and sustainability.

Duties and Responsibilities include: Coordinate work for marine/EPS licence applications and variations; Manage ongoing work to ensure marine licence compliance on operational sites; Draft and review marine licence compliance documentation; Provide advice on environmental sustainability in the offshore renewable industry; Travel to project sites to engage with site-based teams & technicians; Assist clients in ensuring compliance with internal environmental policies procedures and associated ISO accreditation's; Manage projects to time and budget; Lead on tender submissions for offshore licence compliance opportunities, and provide input to other tenders where required; General Duties and Responsibilities:

For more information and applications, please go to: <https://www.naturalpower.com/ourpeople/current-vacancies/vacancy/?Advert=7lz%2FDHpBRXSsY5uuN%2Fr0vg%3D%3D>





**Three vacancies:**

**1x Business Support Officer (MBTC project)**

**1x Postdoctoral Research Assistant (iCPR project)**

**1x Research Software Engineer (iCPR project)**

Location: Plymouth

Closing date for applications: **24 February 2020**

The Marine Biological Association ([www.mba.ac.uk](http://www.mba.ac.uk)) is a world-renowned independent research institute carrying out leading-edge research in fundamental and strategic areas of marine biology. As one of the world's longest running learned societies (founded in 1884) the MBA is dedicated to promoting research into our oceans and the life that they support. Many eminent scientists, including twelve Nobel Prize winners, have conducted their research at the MBA's famous Citadel Hill laboratory. With our Royal Charter and over 1600 members in 37 countries worldwide, we have the mandate to provide an authoritative and independent voice for the international marine biological community.

MBA are looking to recruit three positions across two projects:

1x Business Support Officer (MBTC project):

<https://www.mba.ac.uk/news/vacancies/business-research-support-officer>

1x Postdoctoral Research Assistant (iCPR project):

<https://www.mba.ac.uk/news/vacancies/postdoctoral-research-assistant-pdra>

1x Research Software Engineer (iCPR project):

<https://www.mba.ac.uk/news/vacancies/research-software-engineer-rse>



**Marine Benthic Taxonomist**

Location: Hoveton in Norfolk, Brixham in Devon and Southampton in Hampshire

Closing date for applications: **29 February 2020**

Permanent, Full Time

Benthic Solutions Limited is a marine environmental survey and consulting company delivering a broad range of services to the oil and gas, offshore renewable, utility and aquaculture industries worldwide. Due to continued expansion, Benthic Solutions Limited ([www.benthicsolutions.com](http://www.benthicsolutions.com)) is recruiting a Marine Benthic Taxonomist to support the growth of the company's in-house taxonomic capability.

You will be involved in all aspects of laboratory work, including: Sieving, sorting, identification, enumeration and biomass of marine and estuarine benthic fauna, including all phyla from intertidal regions, shelf seas and deep waters from around the British Isles and globally. Efficient and accurate recording of data and preparation of final outputs to be provided to the reporting team and to clients. Maintaining the standards of an internationally recognised quality control scheme. Development, maintenance, storage and preparation of sample reference collections, both in-house and for clients.

The preferred candidate will be experienced in all of the above tasks, possess the ability to identify the majority of benthic fauna from around the UK with a moderate level of supervision and appreciate the need to work quickly and efficiently within a commercial laboratory.

Interviewees will be required to demonstrate their skill in accurate and quick identification of macrobenthic taxa, knowledge of taxonomy and enthusiasm for the subject.

For more information and applications please contact Samantha Kemp at ([samantha.kemp@benthicsolutions.com](mailto:samantha.kemp@benthicsolutions.com)).

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## Job Vacancies (USA)



### **Associate Professor-AY (Director of Rutgers Marine Field Station)**

Location: Rutgers, the State University of New Jersey

Closing date for applications: n/a

The Department of Marine and Coastal Sciences at Rutgers, the State University of New Jersey, is seeking a motivated tenure-track, academic year, faculty to join a collaborative statewide community as Director of the Rutgers University Marine Field Station (RUMFS). While the full range of faculty positions will be considered, preference is given to a mid-career candidate with a research, teaching and service record that will empower their pursuit of long-term cross-disciplinary partnerships and program-building goals.

The candidate is expected to expand and develop an internationally recognized research program, mentor graduate students in the candidate's area of expertise, and be involved in undergraduate teaching. Review of applications will begin immediately and continue until the position is filled.

RUMFS has a decades long history of research in fisheries and marsh ecology that is expanding as part of a state-wide coastal marine research station network including the Jacques Cousteau National Estuarine Research Reserve, Haskin Shellfish Research Laboratories, New Jersey Aquaculture Innovation Center, and the Sandy Hook Cooperative Ecosystem Study Unit. This network of laboratories is embedded within coastal ecosystems and communities where hands-on research, teaching and outreach opportunities abound. RUMFS is located on the seaward edge of the Jacques Cousteau National Estuarine Research Reserve within the New Jersey Pinelands National Reserve (a UNESCO Biosphere Reserve), and on the inshore edge of a world-renowned long-term coastal ocean observatory.

Find more information on the post and how to apply at <https://jobs.rutgers.edu/postings/109300>

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Website: <https://ecsa.international/>

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

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