



Estuarine & Coastal  
Sciences Association

## ECSA Newsletter, September 2023 (No. 42)

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## MESSAGES FROM ECSA / ECSA EVENTS

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### Upcoming ECSA Files! Webinars 2023

Here is the schedule of the ECSA Files! webinars for the autumn 2023:

Date	Speakers	Webinar title
5 October 2023	Man Qi (University of Oxford)	How can we help coastal marshes survive from climate change? Nature-based solutions behind it
2 November 2023	Zuzanna Świrad (Polish Academy of Sciences)	TBC
7 December 2023	Frances Dunn (Oxford University, Museum of Natural History)	TBC

The webinars will be at 13:00 BST. As always, the Zoom link to join will be sent out the day before the webinar to all those who have signed up for the talks (if you have not done it yet, [here](#) is the link).

**We are looking for speakers for 2024.** If you would like to give a talk, or would like to recommend someone, please get in touch (contact Jonathan Dale at [j.j.dale@reading.ac.uk](mailto:j.j.dale@reading.ac.uk), or Stefanie Nolte at [s.nolte@uea.ac.uk](mailto:s.nolte@uea.ac.uk)). We would particularly welcome talks from industry practitioners or shorter talks from PhD students or post-docs.

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### ECSA grants - Forthcoming deadlines

The deadlines for postgraduate students or early career researchers ECSA members to apply to ECSA grants are approaching:

- **31st October, Peter Jones Memorial Award:** the prize (£500 cash and certificate) is awarded to PhD students, postgraduate or early career ECSA members for a research publication that makes a major contribution to knowledge in estuarine science, technology or management. More information at <https://ecsa.international/grants-and-awards/peter-jones-memorial-award>
- **1st November, Charles Boyden Fund for Small Grants:** the grant (between £150 and £500) is awarded to postgraduate or early career ECSA members to support their research, training or attendance to academic conferences. More information at <https://ecsa.international/grants-and-awards/charles-boyden-fund-small-grants>

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### ECSA focus meetings 2024

#### ECSA Focus Meeting 2024: Estuaries and Coasts of North-West England

The 2024 Focus meeting will look at the Estuaries and Coasts of North-West England. The area covered will be Morecambe Bay, the West Cumbria Coast and its Rivers, and the Solway Firth including South-West Scotland. We expect the meeting to be held in Carlisle in mid-May 2024. Further detail will be available shortly but if anyone

would like more information or offer a presentation, please contact the Focus Meetings co-ordinator: Andrew Wither, [awith@noc.ac.uk](mailto:awith@noc.ac.uk).

### **ECSA Focus Meeting: Estuarine Restoration, Belgium**

This is a follow-up meeting of the ECSA Local Meeting in 2016 on 'Estuarine Restoration: from theory to practice and back'. The aim of the meeting was and is for the planned meeting to bring together scientists and practitioners from all over the world to exchange ideas and discuss the field of estuarine restoration. The meeting is being organised by Patrick Meire and will be hosted by the University of Antwerp, Belgium. The final dates are yet to be confirmed but they will likely be on the late Spring 2024. More information will be given in the ECSA website as soon as available.

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## **OTHER FEATURES/EVENTS OF INTEREST**

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### **Sherkin Island Marine Station Phytoplankton dataset (1980-2014) now online**

*A message from Matt Murphy, Director of the Sherkin Island Marine Station, Sherkin Island, Co. Cork, Ireland:*

I know you will be glad to hear that the phytoplankton dataset is now online. It has been published as the **Sherkin Island Marine Station Phytoplankton Records from the Southwest Coast of Ireland. Series 1: Long-term data series from Roaringwater Bay / Long Island Bay and South of Sherkin Island, Co. Cork, 1980-2014.**

It has been a very very long road, not only in collecting the data but in sorting it and figuring out the best place to put it.

We finally settled on putting it up on GBIF.org (Global Biodiversity Information Facility), thanks to the help of the National Biodiversity Data Centre (the publishing node for Ireland).

Everything took so much time but thankfully it is up now and available for anyone interested in this type of data to see and download.

We created a new site to host the supporting documentation and a brief outline of the work of Sherkin Island Marine Station. The link is as follows: [www.sherkinmarinedata.ie](http://www.sherkinmarinedata.ie)

Hopefully the site is self-explanatory. At the bottom of the homepage, there is a link to the [Phytoplankton page](#) and there you will see a button to open the Supporting Documentation and another to Access the Dataset (which will ultimately lead you to GBIF).

There are so many people to be thankful to, primarily all the volunteers who worked on the survey and my family, but everyone who supported the Station along the way.

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## **Upcoming Events**

### **INSITES Into Webinars- 05 Commercial Fishing: 31 October 2023 | Online**

The INSITE Programme was launched in 2014 to deliver focused research which could provide the independent scientific evidence-base needed to better understand the influence of man-made structures on the ecosystem of the

North Sea. In 2023, the Programme is sharing insights arising from the most recent research (phase two projects 2019-23) through a series of webinars held throughout the year. Each of the webinars in this INSITE Webinar Series focuses on six impact themes identified by stakeholders. These are 'Marine biodiversity', 'Environmental Restoration / Net Gain', 'Marine monitoring', 'Offshore wind deployment', 'Commercial fishing' and 'Cumulative effects assessment'. The fifth event in INSITE Webinar Series will focus on 'Commercial Fishing' and will uncover how our understanding of multiple actors on the marine environment is important in considering the effects of man-made structures, hosted by Dr Henk van Rein (Howell Marine Consulting). Click [here](#) to reserve a spot at the webinar or access all Previous Episodes of INSITEs.

### **Institute of Fisheries Management 54<sup>th</sup> Annual Conference 'The Value of Fish, Fisheries and the Aquatic Environment': 18-19 October 2023 | University of Edinburgh, Scotland, UK.**

This year's IFM Annual Conference will be hosted by the Scotland Branch and will be held in the John McIntyre Conference Centre at the University of Edinburgh, which is in the shadow of Arthurs Seat. The conferences' central theme is the value of fish, fisheries and the aquatic environment, focusing on the need to highlight the critical contribution that fish make to the green and blue economy (both locally and nationally) as well as being a crucial component of aquatic biodiversity. The conference will bring together speakers from across the UK, Ireland and further afield for two days of presentations, posters, and networking opportunities including the Annual Dinner & Awards in the stunning Playfair Library. For more information please see <https://ifm.org.uk/events/17905/> or contact the conference administrator at [info@ifm.org.uk](mailto:info@ifm.org.uk).

### **CCORE 2023, 2<sup>nd</sup> International Conference on Climate Change and Ocean Renewable Energy: 6-7 November 2023 | Online.**

CCORE 2023 will be held ONLINE via MS Teams-Virtual conference without any physical participation. It delightfully welcomes all the researchers and developers to share their experiences and ideas through research talks and presentations from diverse fields in climate change and ocean renewable energy. This event offers a platform in bringing together a forum for students, postdocs and established scientists to exchange their ideas and contribute to an integrative approach to climate change and ocean renewable energy. The submissions can be in the form of oral presentations or poster presentations, through virtual platform. For more information, please visit the [CCORE 2023 conference website](#).

The CCORE Committee is also calling for nominations for the distinguished awards namely, Life Time Achievement Award (LTAA), Young Researcher Award (YRA) and Student Award (SA) to be presented at the CCORE 2023 Conference. See [here](#) to send your nomination. Deadline is the 30 May 2023.

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

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### **PhD position in ecological interaction networks, Klaipeda University, Lithuania**

*A message from Artūras Razinkovas-Baziukas from the Marine Research Institute, Klaipėda University, Lithuania:*

We have a call for a Ph.D. studies position at Klaipeda University – see the information below. The studies include a stipend (approximately 1KEUR/month) plus additional money for travel and research needs. Additional employment by the [Horizon Europe MARBEFES project](#) would contribute further to financial security. All nationals are eligible, but EU countries' citizens have to pass substantially fewer bureaucratic procedures for enrollment.

If you know somebody who could be interested in this position, please forward this asking to contact me ASAP as **the deadline is 15<sup>th</sup> September**. Candidates are not required to have experience in the ecological modelling.

Title	Ecological Interaction Networks in lagoon-sea interactions
<b>Brief description of the topic</b>	<p>Ecological networks are representations of the interactions that occur between species within a community. The interactions include competition, mutualism, and predation, and network properties of particular interest include stability and structure.</p> <p>There are various tools and methods addressing the compilation, calibration, and validation of ecological networks. Following the common methodology of the MARBEFES project, we aim to construct the ecological networks of the Curonian lagoon and neighboring Baltic using the trophic guilds based on species' traits (body size, nutrition requirements, and foraging behavior). The ultimate goal is to set up and calibrate</p> <p>ECOPATH/ECOSPACE model also addresses the passive and active migrations between the lagoon and coastal sea and provides the spatially resolved indicators for ecosystem services. This topic implies intensive collaboration with other partners of HORIZON EUROPE MARBEFES projects including the preparation of common publications.</p>
<b>Requirements for a candidate</b>	<p>Basic background (MSc) in ecology (fishery/aquatic ecology preferable) along with data analysis skills while the experience with R language will count as an additional asset. Alternative qualifications suitable for this topic could cover mathematical modelling with FORTRAN/PYTHON programming skills</p>
<b>Existing research experience</b>	<p>Research experience covers the application of ECOPATH/ECOSIM models. Developed hydrological and NPZD models will provide the forcing data for the ecological networks and support the development of the research hypothesis and data interpretation.</p>
<b>Existing research infrastructure and support</b>	<p>KU MRI has already functional spatially resolved fishery databases (both Curonian lagoon and coastal Baltic Sea), several workstations (including functional FORTRAN version of ECOPATH/ECOSYM), and initial separately calibrated ECOPATH/ECOSIM models for the Curonian Lagoon and coastal Baltic Sea.</p> <p>PhD research would be supported by EU-funded MARBEFES project.</p>
<b>Supervisor</b>	<p>Dr. Arturas Razinkovas-Baziukas, Dr. Rasa Morkūnė  Contact: <a href="mailto:arturas.razinkovas-baziukas@ku.lt">arturas.razinkovas-baziukas@ku.lt</a></p>

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## Job Vacancies



### Marine Licensing Consultant | Marina Projects Ltd

Location: Universal Marina, Sarisbury Green, Southampton

Closing date for applications: N/A

Contract details: Permanent

Link: click [here](#)



### Water Resource Technical Specialist | Environment Agency

Location: Reading , Wallingford, UK

Closing date for applications: N/A

Contract details: Permanent, Full time, Staff Grade 5

Link: click [here](#)



**Coastal Lead Advisers x 2 - The Wash and Lincolnshire Coast (ref: 5368) | Natural England**

Location: East Midlands (England), East of England; Flexible Location Base  
Closing date for applications: **11 September 2023**  
Contract details: Permanent, Full time  
Link: click [here](#)



**Coastal Partnership Officer | Cornwall Wildlife Trust**

Location: Cornwall, UK  
Closing date for applications: **15 September 2023**  
Contract details: Fixed term, Full time  
Link: click [here](#)



**Good Fish Guide Ratings Officer | Marine Conservation Society**

Location: UK, Home/Flexible working  
Closing date for applications: **17 September 2023**  
Contract details: 12 Months Fixed Term Contract, 35 hours per week  
Link: click [here](#)



**(1) Head of NGO Engagement (HoNGO), (2) Fisheries Outreach Manager and (3) Biodiversity & Climate Change Analyst | Marine Stewardship Council**

Location: UK  
Closing date for applications: **18 September 2023** for (3); **25 September 2023** for (1) and (2)  
Contract details: (1) (2) Permanent, Full time; (3) Temporary, Full time  
Link: (1) [Head of NGO Engagement \(HoNGO\)](#), (2) [Fisheries Outreach Manager](#), (3) [Biodiversity & Climate Change Analyst](#)



**Inshore Fisheries & Conservation Advisor | North Western IFCA**

Location: Carnforth, Lancashire, UK.  
Closing date for applications: **22 September 2023**  
Contract details: 2 Years Fixed term, 37 hours per week.  
Link: click [here](#)



**(1) Marine Benthic Taxonomists, (2) Marine Consultants, (3) GIS Specialists, (4) Marine Environmental Field Scientists and (5) Hydrographic Surveyor (Ecospan) | Ocean Ecology Ltd**

Location: UK  
Closing date for applications: **N/A**  
Contract details: N/A  
Link: click [here](#)

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

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

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