



## **ECSA Newsletter, December 2021 (No. 37)**

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## MESSAGES FROM ECSA / ECSA EVENTS

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### The ECSA Files! last webinar of the year

The final webinar in the 2021 series of The ECSA Files! will be given by Dr Tim Jennerjahn of the Leibniz Centre for Tropical Marine Research in Bremen, Germany at 13:00 GMT (UTC) on **Thursday 2nd December**. Tim's talk will be on how Coastal development impairs functioning, services and connectivity of coastal ecosystems in Hainan, China – the way forward.

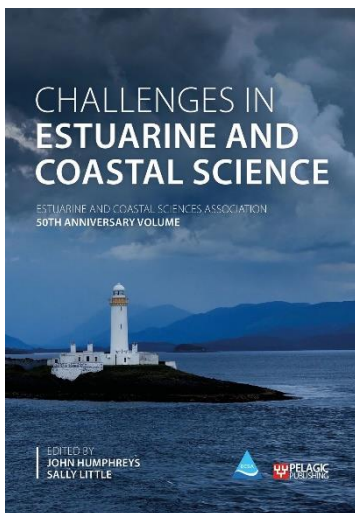
Please sign up here by the 30th November: <https://lnkd.in/dGeUN6vZ>.

The Zoom link will be sent out on Wednesday 1st December.

The next series of The ECSA Files! Will resume next year. We are currently taking offers for talks. If you would like to contribute, please contact Jonathan Dale at [jonathan.dale@coventry.ac.uk](mailto:jonathan.dale@coventry.ac.uk)

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### ECSA 50<sup>th</sup> Anniversary Publication: pre-order & discount code

ECSA's upcoming 50th anniversary volume '**Challenges in Estuarine and Coastal Science**' has been included in the 30% Christmas sale by Pelagic Publishing. So, you can pre-order the book for £31.50 rather than £45.00.

Simply enter the **discount code CHRISTMAS30** at the checkout to receive 30% off your pre-order. Publication will be early next year. **Offer ends Sunday 5th December 2021.**

<https://pelagicpublishing.com/products/challenges-in-estuarine-and-coastal-science>

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### ECSA 2022 Focus Meeting, April 2022

#### The Coast and Estuaries of Essex, East Anglia and the Wash

**April 5-7 2022**

**University of East Anglia, Norwich**

In April 2022 ECSA is once again organising one of its popular Focus Meetings. The 2022 meeting will focus on the Coast and Estuaries of Essex, East Anglia and The Wash. These meetings cover a wide range of topics ranging from novel science to nature conservation, recreation and the activities of local special interest groups. The informal atmosphere provides an ideal opportunity for students and early career scientists to present their work.

Registration will be open from early January 2022. Details will be on the ECSA website (<https://ecsa.international>), but if you would like to receive details directly, please send your name and email address to [awith@noc.ac.uk](mailto:awith@noc.ac.uk).

We are inviting offers of papers and posters on any relevant topic including:

- Archaeology

- Biology
- Chemistry
- Fisheries
- Industry and Commerce
- Litter
- Microbiology
- Navigation
- Nature Conservation
- Nutrients
- Ornithology
- Physics
- Public participation
- Recreation
- Restoration
- Water Quality
- Wildlife.

If you would like to contribute a paper or a poster, please send brief details to [awith@noc.ac.uk](mailto:awith@noc.ac.uk)

Meeting organised in association with CEFAS and University of East Anglia

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## ECSA 59: Propose a special session



We are pleased to announce that **ECSA 59: Using the best scientific knowledge for the sustainable management of estuaries and coastal seas** will take place in San Sebastian, Spain from 5-8 September 2022.

You are invited to propose and convene a special session for ECSA 59. For more details and submission information please click [here](#).

**Deadline: 11 December 2021**

We look forward to receiving your special session proposal.

Kind regards,

### Conference Chair

**Ángel Borja**, *Principal Investigator, AZTI, Spain and Distinguished Adjunct Professor, King Abdulaziz University (KAU), Saudi Arabia*

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## OTHER FEATURES/EVENTS OF INTEREST

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### Other Upcoming Events

#### **Coastal Futures 2022: 18 – 20 January 2022 | virtual conference.**

There will be the usual wide-ranging coverage on the major issues affecting the coastal and marine environment – and the main programme themes are set out below. The overarching theme will be Innovation for Ocean Recovery and the programme will outline the ambitious scales of change we need to meet the urgent challenges we face. In responding to COP26 and the events of the last year many people will be setting out clearly what they want to see change. For more information on the conference programme, themes, booking etc. please visit the [conference website](#).

#### **Climate change & water 2022 Symposium: 31 May – 2 June 2022 | Tours, France.**

This international conference is open to the academic world and socio-economic partners concerned by the variability of the water cycle and adaptation to extreme events. For this third edition of Climate Change Water, drought extreme will be highlighted. The inaugural keynote will be provided by Pr. Hervé Le Treut from IPSL, member of the French Academy of Sciences and editor of Chapter 1 of Volume 2 of the IPCC 5th Report. As part of the symposium, a one-day training session entitled « Introduction to Hydrological Modelling in the Context of Climate Change » is proposed on May 30<sup>th</sup>. For more information, please visit the [conference website](#) or contact us at [rtrmidi@univ-tours.fr](mailto:rtrmidi@univ-tours.fr).

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## FELLOWSHIPS/JOB POSITIONS/OPPORTUNITIES

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### **Post-Doc Research Associate – Diverse Values in Marine Management, Shetland UHI**



University of the  
Highlands and Islands  
Shetland

Shetland UHI is part of the University of the Highlands and Islands, Scotland's newest university.

Shetland UHI invites applications for a post-doctoral research associate to develop and support Shetland UHI research as part of the 'Integrating Diverse Values into Management' project, which is a Sustainable Management of Marine Resource (SMMR) funded multi-partner project. <https://www.smmr.org.uk/funded-projects/integrating-diverse-values-into-management/> led by the University of Portsmouth.

The project will require travel between case-study areas (Severn, Portsmouth, Shetland).

The ideal candidate has experience with working with a range of stakeholders, knowledge of the UK's marine management system and have experience of transdisciplinary research. Knowledge of marine policy and ocean literacy would be advantageous. You will need to be a highly collaborative team player, communicate openly with the PI (Rachel Shucksmith) and wider team, and foster excellent relations with stakeholders and partners.

The successful candidate will have a PhD in a relevant area of research, such as marine management or marine social science.

The position is fixed term (21 months, with possible extension to 24 months) and full time.  
For general enquires about the position please contact: Rachel Shucksmith [Rachel.shucksmith@uhi.ac.uk](mailto:Rachel.shucksmith@uhi.ac.uk)

The application deadline is **8 December 2021**. Please find more information [here](#).

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## PhD on Blue Carbon Storage in Estuaries, University of Hull



Applications are invited for a fully funded PhD studentship (3 years full-time, or 5 years part-time) studying blue carbon storage in estuaries using rewilding and eco-engineering approaches, as part of the University of Hull's REWILD Research cluster.

Estuary management and managed realignment on the Humber acts as both flood defence and, initially at least, creates mud flat habitat to compensate for losses to development elsewhere. However, previous studies indicate that sedimentation rates in the middle and inner Humber limit the timescale over which realignment is an effective flood defence and accelerate the transition from mud flat to high salt marsh. However, a number of managed realignment sites are now planned by the Environment Agency for the outer estuary, where the sedimentation regime is very different. The establishment of these new sites provides a novel opportunity to study sedimentation rates and carbon capture as salt marsh establishes and proliferates. This project therefore aims to investigate carbon capture by salt marsh assemblages in the past and present at existing and planned realignment sites in the Humber. Cores will explore long-term storage and Northumbria's ground-breaking LGR Ultraportable Greenhouse Gas Analyzer that reports simultaneous measurements of methane, carbon dioxide and water vapour will be used to explore if the rate of carbon capture is dependent upon salt marsh species and other hydraulic and chemical drivers (e.g. wave-current action, salinity).

You will be part of a collaborative, multidisciplinary and nurturing environment to help realise your potential, and will be provided with excellent opportunities for external networking. We will hold regular monthly meetings with the entire cluster, with opportunities to present and discuss research, invite internal and external speakers and collaborators and foster networking.

For informal enquiries, please contact Dr Rob Thomas ([R.E.Thomas@hull.ac.uk](mailto:R.E.Thomas@hull.ac.uk)).

The application deadline is **7 January 2022**. Please find more information [here](#).

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## Job Vacancies (UK)



### Marine Species Advisor (2 posts) at JNCC

Location: Aberdeen, Scotland, AB11 9QA : Peterborough, Eastern, PE1 1JY

Closing date for applications: **7 December 2021**

Contract details: Fixed term posts (2 years)

Job description: JNCC is the UK's statutory adviser on issues affecting the natural environment across the UK and internationally. JNCC primary role is advising all four Governments of the UK, with most of their work being within Government. The Marine Species Team is responsible for delivery of JNCC's advice on the conservation of marine species (particularly European Protected Species). JNCC are seeking a Marine Species Adviser to support high profile ongoing species and impacts advice work within JNCC. The post-holder will be expected to take the lead on tasks and to work closely with others to seek their input where needed. They will routinely work with colleagues in the Statutory Nature Conservation Bodies, regulatory agencies, Defra and the Devolved Administrations. They will also

be required to support work on national and international reporting where necessary  
For more information and to apply: Click [here](#).



**Multiple vacancies at ABPmer Ltd**  
**Maritime Consultant | GIS Analyst | Hydrographic Surveyor | Marine Process Specialist | Metocean Analyst**

Location: Southampton, UK.

Closing date for applications: **13 December 2021** for Maritime Consultant;  
**7 January 2022** for the other positions

Contract details: Fixed term (12 months) for Maritime Consultant; Permanent, full time for the other positions

Job description: ABPmer is a marine consultancy and survey company that specialises in understanding the marine environment. For more than 70 years they have been helping clients sustainably manage, operate and develop in the marine environment. To continue to meet client needs, ABPmer are currently looking for experienced specialists to fill several roles.

For more information and to apply: Click [here](#).



**Marine Lead Adviser (9 positions) at Natural England**

Location: various locations in the UK

Closing date for applications: **13 December 2021**

Contract details: Fixed term posts run for a period of up to 31 March 2024. Both permanent and fixed term available

Job description: Natural England is England Government's statutory advisor for the natural environment, playing a vital role in delivering the Government's 25 Year Environment Plan. This describes an ambitious vision, bringing new opportunities to protect and enhance, and to achieve real outcomes for the environment. They have a number of vacancies in their area and national teams across the country. These roles will be delivering NE marine work which includes conservation advice, Condition assessments, monitoring, marine casework offshore wind/sustainable development and fisheries management advice. The successful candidate(s) will play a central role in delivery of Natural England's work in the marine environment. Nine roles are available:

- 2x Advising on impacts of fisheries in MPA's – initially 24 months FTA, full time (National SGA team, can be done from any office)
- 1x Coordination of impacts of fisheries in MPA's - permanent, full time (National SGA Team, can be done from any office)
- 1x Advising on impacts of aggregate extraction and assessment of benthic habitats – initially 24 month- full time (National SGA team, can be done from any office)
- 2x Marine major casework with terrestrial elements (one in Norwich, Cambridge, Peterborough, Lincoln or Nottingham and one in Leeds or York)
- 3x generic marine Lead adviser role (two roles based in Newcastle and one in Ashford, Worthing or Eastleigh)

For more information and to apply: Click [here](#).



**Multiple vacancies at Natural Power**

**Director of Offshore Planning | Senior Ecological Modeller | Offshore Ornithology Consultant**

Location: UK office (Stirling) or home, depending on post

Closing date for applications: **2-27 December 2021** depending on post

Contract details: Permanent, full-time

Job description: Natural Power is an independent consultant and service provider working on green energy projects. They are looking for people to join their teams, with the following roles available:

- Director of Offshore Planning: leading the UK offshore planning team (currently comprising circa 15 people) covering development, planning, permitting and consenting services for offshore wind assets, with direct responsibility for the performance and leadership of this team; and providing strategic and commercial leadership to teams in Ireland and France (currently comprising 5 and 3 people, respectively) UK offshore planning team in the UK, 3 in France and 5 in Ireland)

- Senior Ecological Modeller (Geospatial Department): conducting a range of statistical analysis and modelling techniques predominantly on ecological datasets to generate robust outputs for use in assessments.
- Offshore Ornithology Consultant (Environment Department): working within the offshore team primarily on offshore wind projects in UK, Ireland, and France, during the development, construction, and operating phases, with this role feeding into requirements involving birds during consenting or as required during construction and site operation based on planning condition requirements.

For more information and to apply: [Director of Offshore Planning | Natural Power](#); [Senior Ecological Modeller | Natural Power](#); [Ornithology Consultant | Natural Power](#)

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

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

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