



## ECSA Newsletter, January 2019 (No. 30)

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**Best wishes from ECSA for a great 2019!**



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## Membership 2019-2020

The membership to ECSA for 2019-2020 is due for renewal **before the 1<sup>st</sup> April 2019**.

Membership rates are:

**Full annual member** - £36 per annum (£35 if paid by UK bank standing order)

**Student member** - £30 (three year membership, 1 payment only)

**Institution** - £100 per annum

**Sponsor** - £250 per annum

The ECSA membership also allows you to subscribe to the journal *Estuarine, Coastal and Shelf Science* at the following discounted rates:

**ECSS Journal subscription** (one year) - £44 online only or £297 online & print

These options are only available to individuals, not organisations.

You can order and pay for your membership renewal and for discounted subscription to ECSS only by logging in to the ECSA website, at <https://ecsa.international/membership/renewal>

Payments are accepted via PayPal (for immediate payment and activation), Online bank transfer, Standing Order, or Cheque.

For more information, please go to <https://ecsa.international/membership>

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## ECSA 57 – celebrating success



We are proud to finish 2018 with the great success of ECSA 57 in Perth, Australia. The conference exceeded expectations in terms of abstract and delegate numbers. We achieved an attendance of 492 delegates from 38 countries, with 320 orals and 154 posters presented over the three days within a 6-stream programme consisting of 19 general and 32 special sessions (proposed and chaired by delegates).



*Keynote speaker: Alan Whitfield, South African Institute for Aquatic Biodiversity, South Africa  
Title: Estuarine and coastal ecology: Changing climates and connectivity in the Anthropocene*

The conference was chaired by Fiona Valesini (Murdoch University), Chris Hallett (Murdoch University) and Matt Hipsey (University of Western Australia). The invited speakers were Christopher D'Elia (Louisiana State University, USA), Lynne Eagle (James Cook University, Australia), Robert Nicholls (University of Southampton, UK), Gretta Pecl (University of Tasmania, Australia), Barbara Robson (Australian Institute of Marine Science, Australia) and Alan Whitfield (South African Institute for Aquatic Biodiversity, South Africa).

The conference included two workshops: 1. Opportunities for industry engagement within and beyond research (in conjunction with the Harry Butler Institute, Murdoch University) and 2. Career development skills and pathways towards more effective and impactful research (funded by the Harry Butler Institute, Murdoch University and held at the Fremantle Maritime Museum).

The conference was supported by the Department of Primary Industries and Regional Development, EMECS, the Harry Butler Institute of Murdoch University, Anthropocene Coasts, Perth Convention Bureau and Tourism Western Australia.

ECSA awarded 32 grants to support attendance at this meeting. These grants were allocated to students and early career researchers, providing financial contributions to cover travel, fees and childcare allowances.

A big thank you to all the participants, sponsors and organisers who made ECSA 57 a great success!



*ECSA Student Prize Winners (left to right): JOSIE CRAWSHAW, MIRJAM VAN DER MHEEN, JOHAN-HENDRIK DAMVELD, CLAUDIA TRAVE, AVIDESH SEENATH*



*Down town Perth, with beautiful Elizabeth Quay in the foreground*

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## Focus Meeting on the environmental status of estuaries and coasts in India 14-15 March 2019



# ECEI-2019

## March 14 & 15

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### National Seminar on Environmental Status of Estuarine and Coastal Ecosystems in India [Focus meeting of Estuarine and Coastal Sciences Association]

An ECSA Focus meeting on the environmental status of estuaries and coasts in India will be held in Kerala, India on the 14-15 March 2019.

#### Background

India has a coastline of 7,516 km and nearly 250 million people live within a distance of 50 km from the coast. The coast is indented by a number of rivers, which form estuaries at their confluence with the sea. Thus the complex coastal ecosystems comprise of estuaries, lagoons, mangroves, backwaters, salt marshes, mud flats, rocky shores and sandy stretches.

The frequent occurrence of coastal disasters as a result of climate change has many impacts in terms of human lives lost, destroyed infrastructure, ecological damage, disrupted social networks, displaced coastal fishing communities from their traditional living and occupational spaces.

Though human impacts on marine and coastal biodiversity are less understood and publicized than those on its terrestrial counterpart, their potential effects are no less threatening. The major direct threats to marine and coastal biodiversity can be divided into five interrelated categories: pollution (from land based and other sources), over exploitation of marine living resources, introduction of alien species, habitat degradation caused by coastal development, and global climate change and ozone depletion. Recognition of the scale of problem, the nature of the underlying causes, and the limited resources available to counteract powerful destructive trends will definitely lead to a best way of conserving the coastal ecosystems of India. The seminar will evaluate the problems and suggest appropriate methods to slow down the current pace of deterioration.

#### Themes

- Physio-chemical and biological processes in coastal ecosystems
- Coastal hydrogeochemistry
- Biogeochemistry and greenhouse gas production
- Anthropogenic stresses and pollution
- Natural disasters in coastal systems
- Effects of climate change and sea level rise in coastal ecosystems
- Resource management
- Ecosystem services
- Economic valuation of coastal ecosystem
- Blue carbon: Carbon storage potential of Coastal wetlands

**Professor Eric J Wolanski** (Adjunct Professor, James Cook University, Australia) will give the keynote address.



**Key dates and deadlines:**

Abstract submission: 15.01.2019

Notification of acceptance: 30.01.2019

Registration deadline: 05.02.2019

The abstract and completed registration form should send to [eceiuok@gmail.com](mailto:eceiuok@gmail.com) before the submission deadline.

There is no registration fee for participation in the seminar. No financial support will be provided to the participants for travel and accommodation.

**ECSA will award prizes for the best posters and the best paper presentations.** Up to two prizes, each consisting in a student membership of ECSA for 3 years, will be awarded for each category.

**Department of Environmental Sciences, University of Kerala**

The Department of Environmental Sciences under the Faculty of Applied Sciences & Technology was established in 1995 as a teaching-cum-research department under University of Kerala, accredited with NAAC 'A' grade.

The department has facilities for undertaking research work in Environmental Biology, Environmental Microbiology, Environmental Chemistry, Environmental Toxicology and Environmental Geology. The department has Young Scientist/Women scientist program funded by DST/KSCSTE. Significant number of international research collaborations were also made under different programs and schemes.

For more, please visit: <https://www.keralauniversity.ac.in/dept/deptHome.php?deptID=13&mID=2>

**Organizing Committee**

**Patron:** Prof. V. P Mahadevan Pillai Hon'ble Vice Chancellor University of Kerala

**Program Coordinator:** Dr. Salom Gnana Thanga V Professor, Dept. of Environmental Sciences

**Convenor:** Dr. Sabu Joseph Professor and HoD, Dept. of Environmental Sciences

**Co-convenor:** Dr. Jaya D.S Professor, Dept. of Environmental Sciences

**ECSA, Conference Coordinator:** PD. Dr. Tim Jennerjahn Leibniz Centre for Tropical Marine Research(ZMT), Bremen, Germany

**Program committee members:** Dr. Sreekumar S, Mrs. Navami S.S, Dr. Prince S. Godson, Dr. Lekshmi M, Mr. Junaid Hassan S

Further details will be posted shortly on the [ECSA website](#), but if you have any immediate queries please contact Dr. Salom Gnana Thanga. V., Professor and ECSA Ambassador (INDIA), [salom@keralauniversity.ac.in](mailto:salom@keralauniversity.ac.in)

Funded by  
Department of Environment and Climate Change, Govt. of Kerala  
Kerala State Council for Science, Technology and Environment  
Kerala State Higher Education Council  
University of Kerala



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**Focus Meeting on the Forth and Tay Estuaries 30 April – 1 May 2019**

**The Forth and Tay Estuaries and the adjacent coastlines**

**29 April -1 May 2109 Heriot Watt University Edinburgh Scotland**

Two days of fascinating talks and presentations on the marine environment of the Scottish East Coast with an emphasis on the Forth and Tay Estuaries

The meeting will cover a wide range of topics and be of interest to regulators policy makers, scientists, naturalist, those working in nature conservation, and any stakeholders or interested parties interested in the local coastal, estuarine and marine environment.

The programme includes an optional field trip to look at the Forth Estuary and Firth, and a special event for young scientists and early career researchers.

The [Booking form](#) is attached at the end of this newsletter.

## Programme

### Monday 29 April

14.00-1600. Optional field trip to the Forth Estuary and Firth. This will be led by Dr. Alastair Lyndon from Heriot Watt University. There will be a small charge to cover transport costs. This must be booked and paid in advance.

### Tuesday 30 April

09.15 – 16.45. A full programme of presentations and posters. Coffee/Teas and a buffet lunch will be provided.  
17.15. A reception and informal workshop for Young Scientists and Early Career Researchers. This will have the theme of *How to further your career in Marine Science* and be led by Dr. Jonathan Dale (Coventry University). This will be free to early career participants but must be booked in advance.  
19.00 for 19.30. (Optional) Conference Dinner at the Courtyard Marriott Riccarton Hotel. This must be booked and paid in advance.

### Wednesday 1 May

09.00-13.00. Further sessions of presentations.  
Morning tea / coffees will be provided, and a 'grab bag' (lunch) will be offered to delegates on departure enabling a quick getaway.

## Conference presentations

We already have an excellent selections of talks and posters confirmed covering a wide diversity of topics. These include *inter alia*: sea grasses - salt marsh restoration- pollution history -sea birds- impacts of mining – marine plastics & etc.

**Further contributions either as posters or oral presentations are welcome. Any topic, provided it is relevant to the geographical area, will be considered. If you wish to submit an idea please email brief details to: [awith@noc.ac.uk](mailto:awith@noc.ac.uk)**

## Venues

**Main meeting:** Lecture theatre 2 (LT2), Hugh Nesbit Building, Riccarton Campus, Heriot Watt University. EH14 4AS.  
A campus map may be downloaded at: <https://www.hw.ac.uk/documents/edinburgh-campus-map.pdf>  
and directions to Heriot Watt can be found at: <https://www.hw.ac.uk/uk/edinburgh/maps-directions.htm>

**Conference Dinner:** Courtyard Marriott Hotel (on campus).

<https://www.marriott.co.uk/hotels/travel/edihw-courtyard-edinburgh-west/>  
<https://www.marriott.co.uk/hotels/maps/travel/edihw-courtyard-edinburgh-west/>

**Accommodation:** There is a variety of accommodation in the area but the on- campus Marriott Hotel is offering conference delegates a single room rate of £85.00 Bed & Breakfast for single occupancy or £95.00 Bed & Breakfast for double occupancy. Please quote ECSA Edinburgh2019 Group Rate when booking to get the conference rate.

Courtyard by Marriott Edinburgh West  
2 Research Avenue South  
Edinburgh  
EH14 4BA



[reservationsandevents@courtyardedinburghwest.com](mailto:reservationsandevents@courtyardedinburghwest.com)

All venues are classed as 'accessible' but if you have any concerns please email: [awith@noc.ac.uk](mailto:awith@noc.ac.uk)

**Series Organiser:** Andrew Wither ([awith@noc.ac.uk](mailto:awith@noc.ac.uk))

**Local Organisers:** Prof Teresa Fernandes ([t.fernandes@hw.ac.uk](mailto:t.fernandes@hw.ac.uk)), Dr Alastair Lyndon ([a.r.lyndon@hw.ac.uk](mailto:a.r.lyndon@hw.ac.uk)), Colin Taylor ([cjlt2376@gmail.com](mailto:cjlt2376@gmail.com))

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## **ECSA 58 / EMECS 13 – September 2020, Hull, UK**

The next ECSA numbered international conference, ECSA 58, will be held at the University of Hull, UK in September 2020, jointly with the 13<sup>th</sup> International Conference on the Environmental Management of Enclosed Coastal Seas, EMECS 13. The conference will be organised by ECSA and Elsevier.

The provisional date for the ECSA 58 / EMECS 13 conference is the week beginning 7<sup>th</sup> September 2020.

Preliminary details of the venue and themes are presented in this brief YouTube video:  
<https://www.youtube.com/watch?v=Lk8Gcgk9sDI&feature=youtu.be>

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

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### **Feral pig impacts on coastal wetlands – measuring restoration success after fencing**

Article by: **Dr Nathan Waltham**, Principal Research Scientist, TropWATER (Centre for Tropical Water and Aquatic Ecosystem Research), Division of Tropical Environment and Science, James Cook University, Australia

Coastal wetlands have been modified, impacted or lost entirely because of continuing land use change (such as agricultural, aquaculture, peri-urban/urban, and industrial expansion). Those remaining provide severely reduced aquatic and avian habitat, due to alien weed infestation and poor water quality. To halt and reverse wetland decline, Australia state and federal government agencies have responded by investing significant funding in various forms of coastal wetland system repair, mainly coordinated through Natural Resource Management (NRM) bodies.

**The key problem is** that there is a lack of scientific data to support and give surety that on-ground wetland repair investment achieves water quality and biodiversity returns. Most existing and future wetland improvement projects have the objective of reducing invasive aquatic weeds, improving water quality and increasing usable habitat and marine connectivity for aquatic species, however, scientific data evaluating the degree to which this actually happens is not available. Scientific data and long-term evaluation methods are therefore particularly necessary to track the progress against broader program objectives.

Across northern Australia, feral pigs (*Sus scrofa*) contribute wide scale negative impact on wetland vegetation assemblages, water quality, biological communities and wider ecological processes. Feral pigs utilize an omnivorous diet supported by foraging or digging plant roots, bulbs and other below ground vegetation material over terrestrial or wetland areas. This feeding strategy contributes to loss of vegetation in wetlands, which contributes to soil

erosion and benthic sediment resuspension, and reduced water clarity and eutrophication in the late dry season. The fact that limited data exists on the impact that feral pigs contribute to coastal wetland restricts the ability for land managers to appropriately measure the consequences of feral pig destruction, but more importantly a lack of baseline data means measuring success following expensive mitigation efforts is difficult.

An Australian Government program, National Environment Science Program Tropical Water Quality Hub, has funded a coastal wetland restoration science program to track and evaluate the success of coastal wetland restoration in GBR catchments. The team has commenced water sampling, aquatic fauna surveys, deployed high frequency loggers to track tidal exchange, in addition to measuring saltmarsh carbon sequestration rates in fenced and nearby unfenced (pig impacted) areas. The results are starting to emerge, and already keeping pigs out of wetlands has resulted in vegetation and native bird communities returning, compared to wetlands where pigs have still open access. These results are hoped to offer other Natural Resource Management groups confidence and knowledge to establish similar restoration projects to protect wetlands elsewhere impacted by feral pig destruction. The project is funded until December 2020.

Dr Nathan Waltham is the Principal Lead Scientist for the Coastal Wetland Repair Evaluation and Monitoring project funded through the Australian Government National Environment Science Programme – Tropical Water Quality Hub. For more information about this program contact Dr Nathan Waltham on [Nathan.waltham@jcu.edu.au](mailto:Nathan.waltham@jcu.edu.au) or @WalthamNathan



Feral pig on outside of fencing, looking to enter the wetland



Native Brogula (*Antigone rubicunda*) using the fenced wetland





Feral pig in wetland before fencing complete



First fish survey in the wetland – State government, Dr Waltham and volunteer

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## **Timor-Leste: from the sea to the mountains - New biodiversity book with 1000+ species**

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From: Gerardo Angelo

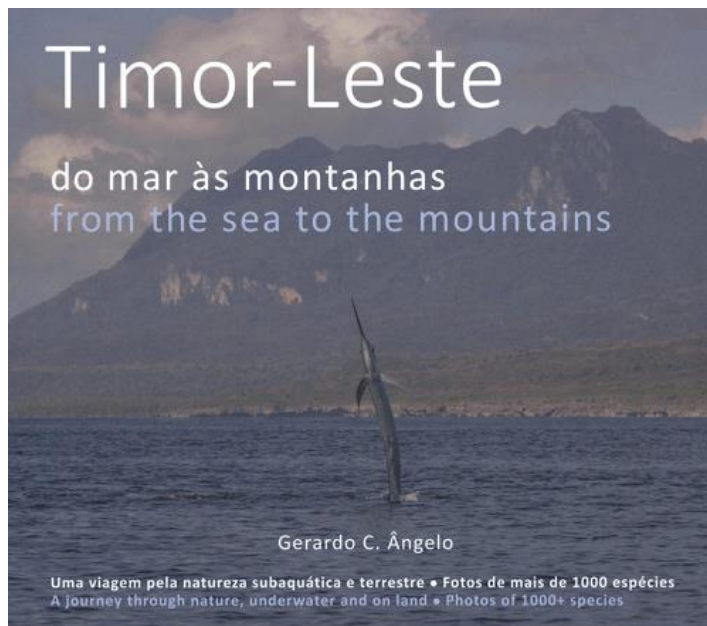
Subject: Timor-Leste: from the sea to the mountains - New biodiversity book with 1000+ species

Dear Dr. Anita Franco,  
Greetings from Portugal!

I've recently published the first comprehensive book about the biodiversity of Timor-Leste, underwater and on land. It includes photos of more than 900 marine species (fish, molluscs, crustaceans, corals, etc), all of wild specimens in their natural habitats in the waters of Timor-Leste, as well as more than 100 species of birds, reptiles and mammals, many of them endemic.

It is also an account of the experiences, often adventurous, of travelling to some of the most secluded places in the country.

Some of the species featured are rare and/or almost undocumented, making this book an invaluable resource for scuba divers, birdwatchers and the academic community.



A few fish highlights:

- Diamond filefish (*Rudarius excelsus*)
- Nuptial displays of flasher wrasses (*Paracheilinus flavianalis* and *P. paineorum*)
- Banded toadfish (*Halophryne diemensis*)
- Lanternfish (*Myctophum* sp.)
- Striped marlin (*Kajikia audax*)
- Guitarfish (*Rhynchobatus australiae*)

Species are identified by common and scientific names in their respective pages, and there's a comprehensive species index at the end, organized by taxonomy, which also includes the detailed location for each photo.

The WoRMS database (as of June 2017) was used to check taxonomy.

Please find attached the book cover image, a Press Release and a count of the species included in the book (grouped by per Phylum, Class, Infraclass/Subclass).

The book is bilingual (English and Portuguese, which is one of the national languages in Timor-Leste).

It's available for order at:

<https://www.nhbs.com/timor-leste-from-the-sea-to-the-mountains-do-mar-as-montanhas-book>

A few copies are also available at:

<https://www.amazon.co.uk/Timor-Leste-Mountains-Gerardo-C-%C3%82ngelo/dp/9895406703>

I would also appreciate if you could share this information among your colleagues and friends.

Thanks in advance!

Kind regards,  
Gerardo Ângelo

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## Survey on Scientific Divers, January 2019

### Survey on Scientific Divers (2018-2019 edition)



Dear colleagues and friends,

I invite you to fill in a questionnaire on your experience and story as scientific diver.

This will help all of us to outline the profile of scientific divers and the main methodologies we apply. Results of this survey will be public available to improve and update the training of scientific divers, to enhance international collaborations and increase safety at work.

Please, fill the questionnaire within the **31th of January, 2019**. It will take few minutes.

Direct link: <https://goo.gl/forms/NZm7h8CEEu5wujRA2>

We really appreciate your help in disseminate this message among all possible scientific divers around the world. We apologise for any cross posting. This is an initiative developed within the frame of the EU project Green Bubbles (<http://www.greenbubbles.eu>) and it is fully compliant with the European General Data Protection Regulation, GDPR.

Best regards  
Massimo

Massimo Ponti, PhD  
Adjunct professor  
President of the Italian Association of Scientific Divers  
Vice-President of the Reef Check Italy association

BiGeA - Dipartimento di Scienze Biologiche, Geologiche e Ambientali  
CIRSA - Centro Interdipartimentale di Ricerca per le Scienze Ambientali in Ravenna  
Alma Mater Studiorum, University of Bologna  
Via S. Alberto 163, 48123 Ravenna (Italy)

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## Coastal Futures 2019, January 2019

See message below from Bob Earll on the forthcoming Coastal Futures event:

**Protecting & Managing the Marine Environment – What do we want?**  
*Tackling the huge challenges we face*

**Coastal Futures 2019 - January 23<sup>rd</sup>-24<sup>th</sup> Royal Geographical Society**

[The programme has been published and is available on the CF website](#)

**Booking:** Online booking is now open ([click here](#))

We use the coastal and marine environment to meet many of our needs and this is reflected in the work of many sectors. But huge challenges remain and this is reflected in many of the presentations which explore the steps different sectors are taking. Some of challenges to be covered at the meeting include:

- Over the last 20 years efforts world-wide have grown to provide the overall context – **marine spatial planning** – into which we can integrate our actions. Coastal Futures continues to promote the importance of this with presentations from Jeff Ardron (Commonwealth), Fiona Gell (Isle of Man), Clare Kavanagh (England, MMO) and David Pratt (Marine Scotland)
- The damaging effects of storms and sea level rise causing **flooding and coastal erosion** is ever present (Graeme Smith) but there is growing evidence that **the effects of climate change** is beginning to accelerate and the resulting damage is growing. Set in this context Jonny Peters & Roger Proudfoot will explore how we might **restore out coastal habitats**.
- **Offshore wind** is setting records apace and is one of the major ways we can mitigate climate change. Helen Elphick will describe the ongoing development, and Sophie Hartfield Davis the progress with resolving various environmental issues.
- **Brexit and the Fisheries Bill** are providing opportunities to set out what we want in a post CFP fishing regime; the many facets of this will be covered by Jerry Percy (quota & ownership), environment (Helen McLachlan) and seafood industry (Andrew Kuyk)
- The destruction caused by scallop dredging to seabed habitats is now very well understood. **Is it possible to have an ecologically sustainable scallop fishery?** Bryce Stewart will explore this.
- Although we now have a network of marine protected areas **what do we really want from our MPAs?** The whole site approach (Jean Luc-Solandt), the *recovery* of the sea bed horse mussel communities (Joe Breen), the management framework (Jenny Oats) and Marine Parks (Martin Attrill) are ideas which will be explored.
- **The high seas and deep seas** are the Wild West of marine environment with major extractive industries like fishing and deep ocean mining threatening to wreak a huge toll on their natural resources. Callum Roberts will describe some of the steps being taken to try to address this.

These are just 17 of the 50+ presentations at Coastal Futures 2019 (CF19)

**Sponsorship:** The sponsorship packages and operation of sponsorship will be the same as previous years; details are available now. Thanks to those organisations already involved. This is a good time to contact us to get involved in the build up to the event so that we can also promote sponsors with these emails. Contact us if you need any more information on the sponsorship packages [bob.earll@coastms.co.uk](mailto:bob.earll@coastms.co.uk)

**Thank you to our sponsors:**

[ABPmer](#) | [Coastal Partnerships Network](#) | [emapsite](#) | [IFCA](#) | [Marine Conservation Society](#)  
[Mindfully Wired Communications](#) | [Mott MacDonald](#) | [Natural England](#)  
[Natural Resources Wales](#) | [OceanWise](#) | [The Crown Estate](#) | [The Wildlife Trust](#) | [WWF-UK](#)

**Twitter: #CoastalFutures19** and follow us at [@CF Conf](#)

276 delegates sent tweets at CF18 – 75% of the audience. This year we're teaming up with [Mindfully Wired Communications \(MWC\)](#) to harness this online audience and use it more effectively.

We have set up an official Coastal Futures Twitter account [@CF Conf](#) to help boost networking prior to the event, engage a wider audience and create a conference legacy with lasting outcomes. Please follow us and share - we are live! The hashtag for the conference will be: **#CoastalFutures19**.

Best wishes, Bob Earll  
[bob.earll@coastms.co.uk](mailto:bob.earll@coastms.co.uk) & 07930535283

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## Natural Capital Investment Conference, February 2019



The Royal Society, Central London, 28th February 2019

- *Be part of making the UK a leader in novel finance for environmental restoration*
- *Learn from front runners in the project pipeline*
- *Innovate for the benefit of your clients and the public*

[Book now](#) - early bird rates close this Friday 7th December

A restored natural environment can play a big part in resilience against flooding, water shortage and summer heat episodes. It is central to climate change adaptation. This unique event will demonstrate the emerging opportunities for financial institutions to invest in UK natural features such as woodland, marine habitat, peatland and wetland.

Keynote speakers

- Rowan Douglas CBE, Head of Capital, Science & Policy Practice at Willis Towers Watson
- Jennifer Pryce, President and CEO of Calvert Impact Capital

Includes sessions on '**investing in the rural environment**' and '**investing in the marine and coastal environment**'.

### Areas for discussion

- Securing long-term revenue streams
- Opportunities and financial models for impact investors
- The pipeline of UK environmental restoration projects
- Roles for government to support the market

Designed to turn discussion into action, the forum will catalyse new partnerships between financial institutions, land owners, environmental organisations and government. The event will address the challenge laid down by the **Green Finance Task Force** in March 2018 that "*increased private sector investment into protecting and enhancing natural capital will also be crucial to improving our resilience.*"

**We are pleased to welcome WWF UK as a Conference Partner.**

**Ask about our sponsorship offer today.**

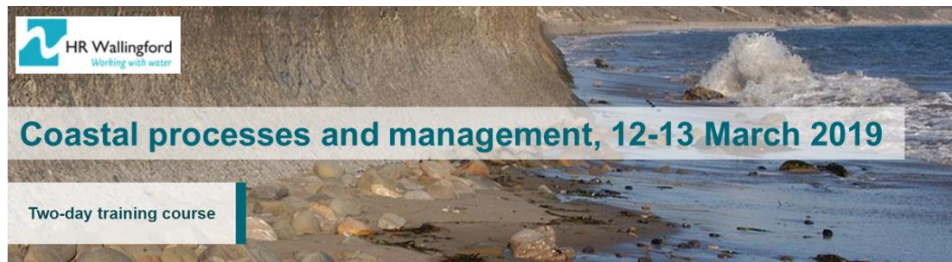
Find out more and book your place at <https://ecosystemsknowledge.net/naturalcapitalconference>

This conference is organised by the Ecosystems Knowledge Network. [info@ecosystemsknowledge.net](mailto:info@ecosystemsknowledge.net)

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## Coastal Processes and Management course, March 2019



Course fee\*: £600.00 (plus VAT at 20%) per delegate

An introductory course that looks at the methods used in designing and planning coastal engineering and management schemes. It is designed for those who have just started or are about to start work on coastal management or engineering activities including engineers and managers from local authorities, coastal landowners, regulators and operating authorities. The course combines lecture with hands-on exercises, and explores the history, processes and modelling of changes at the coastline. Topics covered over the two days include: coastal management planning, waves & tides and beach sediment transport/ morphology processes.

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## European Marine Biology Symposium 54, August 2019



Dear all,

A great line up of keynote speakers is now confirmed for EMBS 54, to be held in Dublin on 25-29 August 2019. Details are available at <https://embs54.ucd.ie/front-page/keynote-speakers/>.

We hope you will consider joining us for what should be an excellent symposium, with sessions on Blue Growth, Rapid Change, Movement and Redistribution of Species and Fundamental Biological Traits, as well as a General Session on any aspect of marine biology (visit [www.embs54.org](http://www.embs54.org) for details).

The EMBS series has been running annually since 1966. It attracts delegates from all over the world, who come to discuss high quality marine biological research in a friendly and sociable atmosphere. Registration and abstract submission will open in January 2019.

Best regards,

Professor Tasman Crowe  
Director, UCD Earth Institute  
University College Dublin

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## FELLOWSHIPS/JOB POSITIONS/OPPORTUNITIES

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### WACOMA Master Studentship



Fully funded studentships for international Masters in Water and Coastal Management (WACOMA).

Study in at least 3 Universities: University of Bologna (Italy); University of Algarve (Portugal); University of Cadiz (Spain)

**Apply by January 15th 2019** for September 2019.

<https://wacoma.unibo.it/application.php>

### Job Vacancies (UK)



#### **EU and UK Environmental Policy Consultant ICF**

Location: London, Plymouth or Brussels

Closing date for applications: not specified

The practice works extensively for the European Commission (e.g. DG Environment), as well as UK Government departments (e.g. Defra) and its agencies. It tackles issues at the top of today's policy agenda, including biodiversity protection, marine and fresh water management, environmental finance, environmental governance, green growth and climate change.

We are looking for an intellectually curious and very well organised individual, with an ability to see the many dimensions of a policy problem and to engage and work with leading thematic experts. Much of our work involves economic analysis and evaluation so skills in either area (ideally both) would be a strong advantage.

About the role: From day one, you will have the opportunity to win, manage and deliver a diverse range of projects for the European Commission, UK Government and others. You will deliver qualitative and quantitative research and analysis, including managing others' contributions and delivery. You will be a core part of our growing and collegiate team of like-minded analysts and project managers. You will work in an international environment in which more than 30 nationalities are represented. You will be contributing innovative ideas and practices to the business, helping achieve excellent, cutting edge research and expanding ICF's work into new areas. You will have the chance to develop your knowledge and skills further through excellent training and development opportunities.

Your main responsibilities will include:

- Build relationships with our clients to understand and address their needs
- Lead proposals, including building teams, developing methodologies and budgets
- Oversee policy and/or economic research, analysis and evaluations
- Manage project budgets, project teams including subcontractors, and the delivery of project outputs to a diverse range of clients
- Deliver high quality research and analysis
- Manage and develop junior members of the team

- Pursue business development opportunities and build networks and partnerships

Click [Here](#) for more information and application.



### **Senior Marine Ecologist**

**Cefas**

Location: Lowestoft, UK

Closing date for applications: **11 January 2019**

Payband 6, Civil Service Equivalent SEO

Permanent

Full-time, Part-time, flexible working, job share

REF: 1611811

The main focus of this role will be to deliver the ecological assessments required for the Environmental Statements, Habitats Regulation and Water Framework Directive assessments being prepared on behalf of our clients. Due to the complexity of the construction phase of the New Nuclear Build (NNB) you must be able to demonstrate a flexibility of approach and a willingness to work autonomously.

You should have experience of both report and scientific writing. You will be involved in a variety of assessment areas and must have the ability and willingness to develop and assimilate scientific understanding where necessary. You will have the opportunity to work closely with hydrodynamic modellers, water quality and geomorphological experts to make their assessments. Good written and verbal communication skills will allow you to communicate with customers, regulators and other scientists.

You should have a strong work ethic and be able to work as part of a successful team. With the varying nature of the work Cefas is looking for an individual who can operate and think flexibly and learn quickly. There is the potential to be involved in field working, both intertidally and vessel based.

Click [Here](#) for more information and application.



### **Senior Project Managers & Project Managers (2 vacancies)**

**Gardline**

Closing date for applications: **11 January 2019**

The Environmental Department at Gardline are recruiting Project Managers to support the delivery of an expanding portfolio of services which ultimately aim to minimise the impact of offshore operations on the marine environment. We are looking for enthusiastic individuals with a passion for the marine environment and the wildlife that it supports. Ideally you will have a degree in a marine environmental sciences related subject as well as experience in the field of marine mammals or underwater acoustics. Previous offshore experience in an environmental role would be hugely advantageous.

The successful candidate will be accountable for managing current and new offshore environmental and marine mammal mitigation projects across the Gardline fleet of vessels, within the Boskalis group and also to additional external clients providing a wide range of project experience and development opportunities.

The role will involve ensuring that the technical, financial, contractual, quality, HSE and other obligations are met in accordance with both company and client standards for the duration of the project lifecycle. In addition, successful candidates will be key members of the team responsible for the marketing, development and growth of Gardline's Environmental portfolio of services.

The successful candidate will need to demonstrate the ability to liaise and build relationships with internal and external clients and stakeholders. This will include client visits and presentations, as well as the assessment, preparation and submission of tenders.

We are looking for positive and enthusiastic individuals that have a capability to build strong inter personal relationships and successfully manage commercial activities but also add value to our organisation through their own thoughts and ideas. You will be a proactive and confident ambassador for supporting the department's strategic objectives.

The Project Manager will also be expected to hold a full (clean) UK driving license and be proficient in MS office, in particular excel, word and outlook. The nature of this project supporting, client facing role will mean that you will be expected to respond to requests outside of standard business hours. Additionally UK and overseas travel will be essential in this role in support of client relationship and project start up activities.

Gardline welcomes applicants for full and part time Project Management roles (please state which option is preferred in your covering letter). All applicants should be willing to relocate to, or be currently based, within commuting distance of Gardline's Great Yarmouth offices.



Click [Here](#) for more information and application.



**Interim Marine Planning Lead**  
**The Crown Estate**

Closing date for applications: this recruitment is rolling so no close date is supplied

The Crown estate is recruiting for an Interim Marine Planning Lead to join the Marine Planning team on a 9-12 month fixed-term contract.

This position is responsible for managing the strategic de-risking of marine policy, planning and consenting issues affecting economic development of the seabed for EMI sectors, along with leading and motivating the marine planning team (6) to formulate and deliver on its strategic objectives. This position works across the breadth of the EMI sector to engage business sectors with regulators to help shape principles, and where relevant, provide evidence and expertise to support planning conditions or responses to consultations.

Our ideal candidate will preferably have a marine or environmental background with demonstrable experience within a planning or policy related role, and experience of applying fundamentals of consenting, regulation and planning. Strong, confident stakeholder management and communication skills are essential to be successful in this role, as is experience of developing and motivating a team to achieve results. A flexible working approach, and the enthusiasm to build cooperation so team members feel empowered and valued is also essential.

[Please review the job description and apply with your CV and cover letter asap.](#)



**Total Quality. Assured.**

**Subsea Cabling Consultant**

**Intertek**

Location: Liphook (Hampshire), Dundee or Cardiff

Closing date for applications: **18 January 2019**

The purpose of the role is to support the delivery of subsea cable projects on behalf of Intertek's clients, with an emphasis on cable technology installation, planning and design, risk assessment and project management.

Intertek Energy & Water Consultancy Services (part of the Intertek Group) is a leading offshore engineering and environmental consultancy with an established international profile in large-scale submarine cable developments and operations including power interconnector and offshore renewable energy (wind, wave, tidal) projects across the globe.

Click [Here](#) for more information and application.



**Marine Earth Observation Scientist**

**Plymouth Marine Laboratory**

Location: Plymouth, Devon

Closing date for applications: **28 January 2019**

This is a full-time appointment with a salary of £30,711 - £36,336 (dependant on experience). The post is initially for 3 years, but given the on-going success of the PML Earth Observation group extension for longer duration is anticipated.

PML is looking for a versatile remote-sensing scientist to work on new national and international research and development projects in the PML Earth Observation science group. Current projects focus on the R&D in satellite data analysis and processing methods for monitoring water quality in coastal, transitional and open-ocean water bodies from the regional up to the global scale.

Click [Here](#) for more information and application.



**Marine Project Officer**

**JNCC**

Location: Aberdeen

Closing date for applications: **28 January 2019**

JNCC is looking for a full-time Marine Project Officer based in the Marine Species Team in Aberdeen. This is a fixed term appointment for 12 months, with starting salary of £27,398 per annum.

JNCC is seeking a Project Officer to support high profile ongoing species and impacts advice work within JNCC. The post-holder will be expected to support members of the Marine Species Team in providing leadership on project

management approaches and using JNCC systems effectively to ensure efficient delivery of projects. In addition, they will help to develop and secure new work, which will include the preparation of bids. They will work routinely with colleagues in the Statutory Nature Conservation Bodies, regulatory agencies, Defra and the Devolved Administrations, NGOs and private sector partners.  
Click [Here](#) for more information and application.



**British  
Antarctic Survey**

NATURAL ENVIRONMENT RESEARCH COUNCIL

**Marine Biologist/Zoological Field Assistant  
British Antarctic Survey (BAS)**

Location: Antarctica

Closing date for applications: **28 January 2019**

The British Antarctic Survey (BAS) has a vacancy for a marine biologist/zoological field assistant to work at the applied fisheries research laboratory at King Edward Point (KEP) on the sub-Antarctic island of South Georgia. The successful candidate will assist with the laboratory and field-based research programme undertaken by BAS on behalf of the Government of South Georgia and South Sandwich Islands (GSGSSI) ([www.sgisland.org](http://www.sgisland.org)). You will be required to carry out fieldwork in support of a monitoring programme close to King Edward Point focusing on the monitoring of colonies of Antarctic fur seals and gentoo penguins.

This is a fixed-term appointment (Antarctic winter, 15 to 27 months with 2-3 Months in the UK prior to departure), with an initial salary of £23,937, a 10% bonus upon completion of a successful tour, and generous benefits offered. Click [Here](#) for more information and application.

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

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

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

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

**ECSA Focus Meeting Heriot Watt University**  
**29 April - 1 May 2019**

Please submit 1 form per delegate

**Tick below as required**

Standard delegate rate                      £65                      ☐

ECSA member delegate rate    £60                      ☐ membership no: -----

Student delegate                              £55                      ☐

Give details of institution and course:

- - - - -

Student ECSA member                      £50                      ☐ membership no: -----

Give details of institution and course:

- - - - -

Optional field trip                              £10                      ☐

Young scientist and early career workshop                      ☐

(This is a free event, but please book in advance)

Conference dinner.                              £36                      ☐

Starter

Smoked chicken breast, coriander salsa

Main

Pan fried pork fillet with Parma ham crisps, Lyonnaise potatoes, carrot puree, calvados sauce

Dessert

Sticky toffee pudding salted caramel ice cream

Please tick here if you would prefer a vegetarian option                      ☐

If you have any special dietary or accessibility requirements please email:

[cjlt2376@gmail.com](mailto:cjlt2376@gmail.com)

**Total                      £**

Please email completed form to, or post to:

Colin Taylor

4 Beech Close

Highnam  
Gloucester GL2 8EG  
UK  
[cjlt2376@gmail.com](mailto:cjlt2376@gmail.com)

Ways to pay:  
(tick method selected)

☐ send a cheque payable to *Estuarine and Coastal Sciences Association* to:

Colin Taylor  
4 Beech Close  
Highnam  
Gloucester GL2 8EG

☐ direct bank transfer to the ECSA account

(please send an email to [cjlt2376@gmail.com](mailto:cjlt2376@gmail.com) when this is done)

Payment must be made in Sterling. If you are paying in another currency from an overseas bank please make sure that you bear the conversion cost.

Please transfer to the bank account of The Estuarine and Coastal Sciences Association at the Bank of Scotland, Royal Mile Branch, Lawnmarket, Edinburgh, EH1 2PH

For transfers from UK banks:

sort code is 80-02-24

account number is 00373053

For transfers from overseas banks

BIC is BOFSGB21216

IBAN is GB86 BOFS 8002 2400 3730 53

Please make sure that when you pay by bank transfer, whether from a UK bank or an overseas bank, you include a descriptor with your surname followed by the word Edinburgh. This would be enormously helpful since we sometimes get direct bank payments with no means of identifying who they are from and what they are for. Also, remember to indicate on the booking form or by email the means by which you have paid and the date the payment was made.