



ECSA Newsletter, June 2019 (No. 31)

CONTENTS

Messages from ECSA / ECSA events:

- [ECSA Focus Meeting March/April 2020](#)
- [Focus Meeting on the environmental status of estuaries and coasts in India – Celebrating success](#)
- [REACH North East Atlantic conference, 16 July 2019](#)
- [CHEERS conference, 4-8 November 2019 – Call for abstract](#)

Other features/events of interest:

- [D-Day for Coastal Science](#)
- [1st IMMERSE Transnational Exchange Lab, 12-13 June 2019](#)
- [Perspectives on marine policy and management in the UK: An online survey](#)
- [AGESCIC - Reducing the environmental impact of coastal works](#)
- [Marine Data Management workshops](#)
- [CERF 2019, 3-7 November 2019](#)
- [EuroLag 9, 20-24 January 2020 – Save the date!](#)
- [Monitoring of Mediterranean Coastal Areas Symposium, June 2020](#)

Fellowships/job positions/opportunities:

- [Job Vacancies \(UK\)](#)

MESSAGES FROM ECSA / ECSA EVENTS

ECSA Focus Meeting March/April 2020

The next UK Focus meeting will be held **at the Plymouth Marine Laboratory, Devon, UK, between Tuesday 31 March and Thursday 2 April 2020** (2020 is Plymouth's Mayflower 400 anniversary year). Some reserved accommodation will be available at the Crowne Plaza Hotel, 10 min. walk from PML.

The theme will be: **From catchment to coast with an emphasis on the estuaries and coasts of southwest England.**

Full details will be available later in the year but we now would welcome offers of oral presentations or posters for the meeting. 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 ECSA Focus Meetings' organiser:

Andrew Wither awith@noc.ac.uk

Focus Meeting on the environmental status of estuaries and coasts in India – Celebrating success



ECEI-2019

March 14 & 15

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

Our ECSA Ambassador for India, Prof. Dr. Salom Gnana Thanga Vincent reports the successful completion of the National Seminar on Environmental Status of Estuarine and Coastal Ecosystems in India (ECEI-2019), also an ECSA Focus Meeting.

The meeting was hosted by the University of Kerala, with 160 participants in attendance, and great presentations (31 talks and 20 posters) on the environmental status of estuaries and coasts in India.

Professor Eric J Wolanski (Adjunct Professor, James Cook University, Australia) gave the keynote address, introducing the UNESCO estuarine ecohydrology model, which links the catchment and all the human activities within it with the estuary and the coastal seas to predict the likely environmental impacts of developments on estuarine ecosystems. Applications of this to the Guadiana Estuary, Portugal, Darwin Harbour, Australia, Chilika Lagoon, India, Wami Estuary, Tanzania, Laizhou Bay, China, and the Great Barrier Reef, Australia were demonstrated.

ECSA Students awards were given to:

- Vinuja.S. (Department of Aquatic Biology and Fisheries, University of Kerala, Kerala, India) for best oral presentation on *Microplastics in water samples of Poonthura estuary, Thiruvananthapuram, Kerala: before and after the cyclone Ockhi*
- Arya Unnikrishnan (All Saints College, Thiruvananthapuram, Kerala, India) for best poster on *Anthropogenic activities in and around Akkulam-Veli lake, Thiruvananthapuram and their impact on the lake ecosystem, over the last three decades(1989-2018) – an analysis using remote sensing and GIS tools*

Runner ups were, respectively, Melita Rachel A. (Anna University, Guindy, Tamil Nadu, India) with a presentation on *Abundance, sources and methods for effective quantification of microplastics in Puzhal lake, a freshwater system Tamilnadu* and Shimi H. (Department of Fishery Resource Management, Kerala University of Fisheries and Ocean Studies, Cochin, Kerala, India) with a poster on *Exploring traditional knowledge on sand crabs*

Thank you to Dr. Salom Gnana Thanga Vincent, Kerala University, those who presented and all the people who made this meeting a success! Some of them are shown in the photos overleaf.

Registration (We had a help desk for ECSA!)



Inauguration & Release of book of abstracts

(Standing from left: Dr.Sabu Joseph; Prof.Eric Wolanski; Prof.P.P.Ajayakumar (Pro-Vice Chancellor, University of Kerala); Dr.Salom Gnana Thanga Vincent; Dr.Jaya.D.S)



Introducing ECSA by Dr. Salom Gnana Thanga Vincent, ECSA Ambassador for India



Keynote by Prof. Eric Wolanski



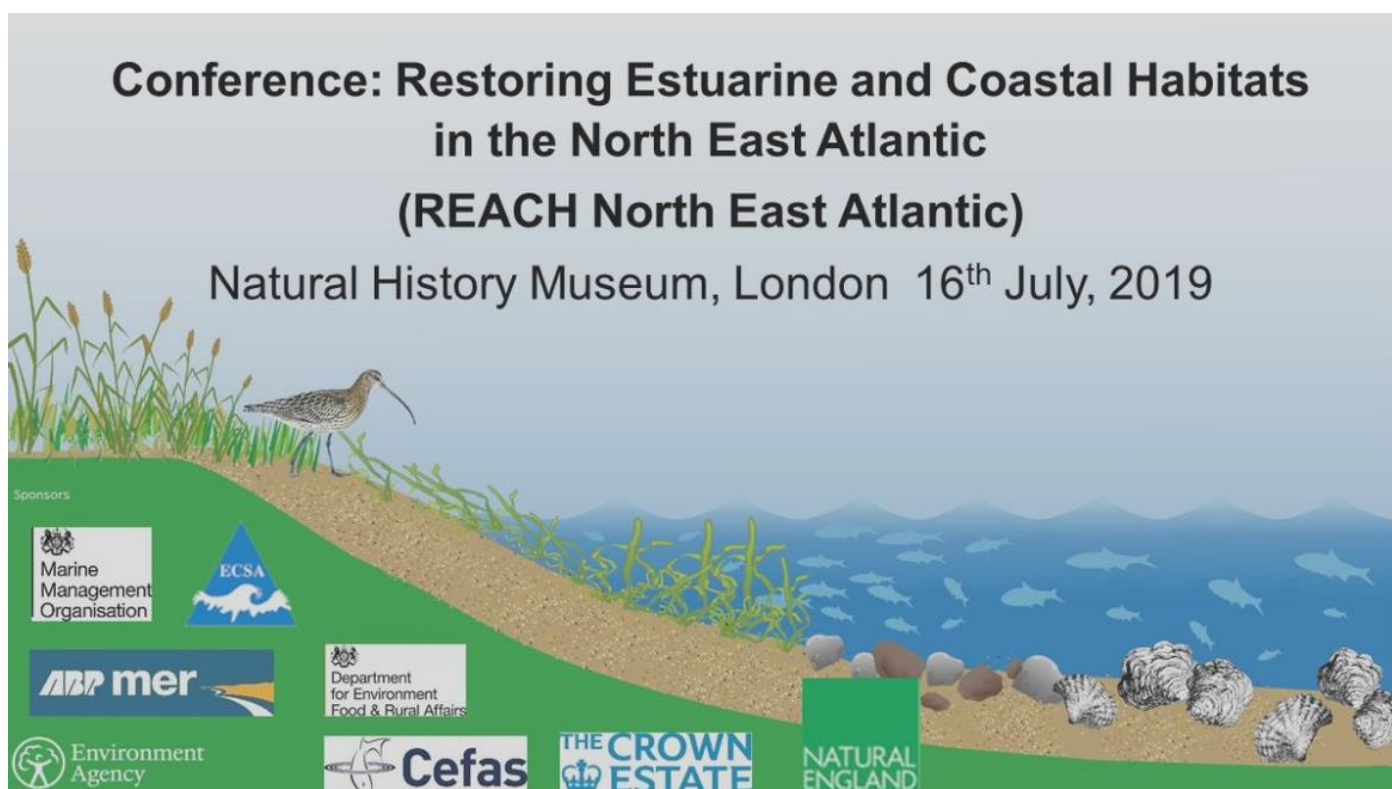
Poster presentation



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



REACH North East Atlantic conference, 16 July 2019



Our near shore seas and estuaries in the North East Atlantic have been transformed by human activity with significant losses of key habitats and the services they once provided. We have the power to reverse some of these changes and there is growing interest in, and examples of, habitat restoration.

The REACH North East Atlantic conference brings together experts from academia, government, NGOs and industry to recognise what we have lost, develop an understanding of what we can do and inspire a cause to restore estuarine and coastal habitats.

For further information, please see the [conference website](#).

[Top](#)

CHEERS conference, 4-8 November 2019 – Call for abstract



Last call for abstract submission! The deadline is 15th June 2019.

See abstract submission guidelines at <https://cheers2019.sciencesconf.org/>

The CHEERS – “Global changes and estuarine and coastal systems: innovative approaches and assessment tools” will cover recent work highlighting these trends using a wide diversity of analytical tools and approaches. Contributions

covering different types of coastal systems, a wide range of geographical areas and a large diversity of methods are expected. The integration of available knowledge to improve management tools and plans, as well as rehabilitate coastal habitats will be explored. Scientific and non-academic presenters are welcome to share their experiences and approaches for efficient management of estuarine and coastal areas.

Thematic sessions:

- Global changes in coastal systems: trends and predictions (Keynote by Hervé Le Treut, Pierre and Marie Curie University, Paris France)
- Functional ecology tools to assess global change impacts (Keynote by Ana Queirós, Plymouth Marine Laboratory, UK)
- Integrative approaches to assess ecosystem functioning (Keynote by Jeffrey Dambacher, CSIRO, University of Tasmania, Australia)
- Adaptation, habitat restoration and management (Keynote by Kris Decler, Research Institute for Nature and Forest (INBO), Ghent, Belgium)
- What do we expect from decision- and policy-makers for estuarine and coastal management? (Keynotes by Victor de Jonge, honorary Professor of the University of Hull, Editor-in-Chief of journal Ocean & Coastal Management, UK, and by Mike Elliott, Institute of Estuarine and Coastal Studies, University of Hull, UK)

All presentations (oral or poster) can be considered for publication in special issues of *Estuarine, Coastal and Shelf Sciences*, *Ocean and Coastal Management* and *Ecological Indicators*.

ECSA Best Student Presentations awards

If you are a student and you want to candidate to ECSA's best oral or poster presentations awards you should mention it in the abstract submission.

Partners and supporting institutions



Find more information in the conference website <https://cheers2019.sciencesconf.org>

[Top](#)

OTHER FEATURES/EVENTS OF INTEREST

D-Day for Coastal Science

On June 6 this year Europe and America have been remembering the events of June 6, 1944 when Allied troops landed on the Normandy beaches. It is worth remembering the role of coastal scientists in preparing the events that happened that day.

During the autumn of 1943 two naval surveyors, Lieutenant Commander Berncastle and Lieutenant Glen, using three thirty-two foot personnel landing craft with silenced engines and underwater exhausts ventured on eight dark nights across the English Channel to "top secret" survey grounds. The craft were fitted with echo-sounding machines, measuring apparatus and chart tables under a hooded canopy. This clandestine work enabled an excellent sketch chart to be compiled of what would become the D-Day beaches. I understand that the surveyors also went ashore by canoe to undertake beach profiles and collect sand samples!

On D-Day itself HMS Scott with G.S. Ritchie on board laid navigation buoys to mark the main swept channels into the landing beaches of Normandy, using an early form of the Decca navigation system.

The above is an extract from “No Day too long – an Hydrographers Tale” the autobiography of Rear Admiral G.S. Ritchie and highlights the role of estuarine and coastal scientists in creating our common history.

(Information from Donald McLusky)

[Top](#)

1st IMMERSE Transnational Exchange Lab, 12-13 June 2019



IMMERSE, or "Implementing Measures for Sustainable Estuaries," aims to accelerate the implementation of large-scale measures that address multiple estuary management challenges, while increasing their cost-efficiency and enhancing stakeholder commitment. More information is available on the project website: <https://northsearegion.eu/immerse/>

In order to advance development and transfer of solutions across estuaries in the North Sea Region, IMMERSE is organizing its first **Transnational Exchange Lab on 12 – 13 June 2019 in Gothenburg, Sweden**. The interactive workshop is designed to support the project's objective of improving the quality of estuary management measures by drawing from transnational knowledge and experiences. The 1st Transnational Exchange Lab will focus on sediment management, including innovative treatment methods of contaminated sediments from the Port of Gothenburg, flood protection and governance issues. Please see the draft programme [here](#).

At the Exchange Lab, IMMERSE partners, North Sea Region estuary managers and relevant stakeholders will explore solutions and share experiences through a variety of discussion formats. We invite ECSA members to join us at the Exchange Lab to share your experiences and expertise.

More information, including registration and travel information, is available on the event page: <https://northsearegion.eu/immerse/news/immerse-transnational-exchange-lab-i/>

[Top](#)

Perspectives on marine policy and management in the UK: An online survey

An online survey is being conducted to collect views on marine policy and management practice in the UK – aimed at marine stakeholders, academics and policy-makers. The survey will feed into PhD research being carried out by a student at the University of Edinburgh. The survey will take approximately 30 to 40 minutes and all completed submissions will be entered in to draw to win 1 of 2 £100 prizes.

Follow link below:

https://www.qsortouch.com:443/submission.html#/submission_code/a497d0d2a4874d9aa0d4d40b9ba0640a/

For any issues or queries, please contact: Jacob.ainscough@ed.ac.uk

[Top](#)

AGESCIC - Reducing the environmental impact of coastal works

Message Sent From: Emilie LOUERAT

Dear ECSA – Members

we are currently working on a project aiming at protecting the ecosystems from the impact of coastal works.
(AGESCIC www.life-agescic.eu)

Our project:

- helps coastal works project leads to comply with the legislations on underwater noise and turbidity
- mitigates noise and turbidity from coastal works site
- restores the ecosystems near the sites

Therefore we believe it could be interesting for you and your partners

AGESCIC in 4 minutes: https://www.youtube.com/watch?v=95IraQdf_B4

You find this project interesting? Would you like to be informed about future project development? You have information concerning coastal works you would like to share with us?

Don't hesitate and contact me!

Emilie
Emilie LOUËRAT
PMO Life AGESCIC
Innovation and Technologies Division (DIT)
Tel: +33 (0)6 84 67 61 81
Email: emilie.louerat@naval-group.com
www.naval-group.com

[Top](#)

Marine Data Management workshops



MEDIN are pleased to announce another series of their very popular and well-received workshops on marine data management, for the coming year. A series of free one-day workshops will take place throughout 2019 and into 2020. These workshops are designed to help individuals and organisations make their marine data holdings discoverable and re-usable by future users.

The workshops are modular, with a morning session on the MEDIN Discovery Metadata Standard and tools and an afternoon session on MEDIN Data Guidelines. MEDIN are happy for users to attend either the full day or just the morning or afternoon session, as best suits individual needs.

MEDIN aim to personalise each workshop, with the Guidelines to be covered varying between attendees, depending on their individual data requirements. One session may therefore cover Data Guidelines ranging from bathymetry to biodiversity and/or geophysics, depending on who attends. MEDIN will contact registered attendees in advance of the workshops to identify which guidelines suit their data.

For full information on the workshops, please go to <http://www.medin.org.uk/data-standards/medin-workshops>

To register for a specific workshop, please note your preferred date below:

19 September 2019, National Oceanography Centre, Southampton
27 November 2019, British Geological Survey, Edinburgh
28 November 2019, British Geological Survey, Edinburgh
19 February 2020, Marine Biological Association, Plymouth

Then, email [Sean Gaffney, MEDIN](mailto:Sean.Gaffney@medin.org.uk) to register.

MEDIN Website <http://www.medin.org.uk/>

[Top](#)

CERF 2019, 3-7 November 2019

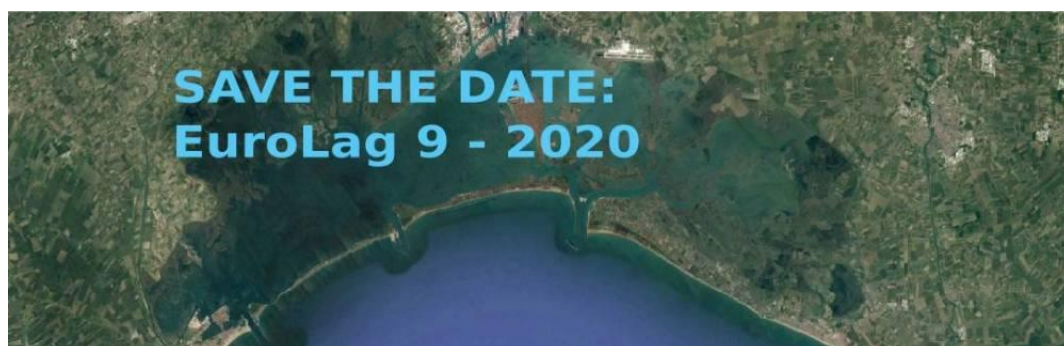


Join CERF in Mobile, Alabama on 3–7 November 2019, as we endeavour to connect science and society in the collective goals of preserving coastal and estuarine habitats, resources, and heritage. Collaborate and discuss with more than 1,700 scientists and researchers from all over the world as you learn to be "**Responsive | Relevant | Ready.**"

Find more information at <https://cerf.memberclicks.net/cerf-2019>

[Top](#)

EuroLag 9, 20-24 January 2020 – Save the date!



EuroLag 9 - 2020

Save the Date!

20-24 January 2020 in Venice (Italy)

Future vision and knowledge needs for coastal transitional environments

We have the pleasure to announce that the next conference devoted to COASTAL LAGOONS science, research and management will be held in Venice (Italy) from 20-24 January 2020.

The venue will only hold a maximum of 200 people, so we will have themed sessions over the 5 days, but do not be late registering! In addition to the excellent coastal lagoon science content, special guided visits to Venice will be arranged, as well as an exclusive, private (no tourists!) visit to San Marco Basilica prior to the conference dinner. Because of the limitations of space, we urge you to organize back to back meetings that you are considering before (18-19 January) or after (25-26 January). We look forward to the participation of international colleagues from all over the world who work on coastal lagoons.

Participating organizations:

ISMAR-CNR | Università Ca' Foscari | CORILA | DANUBIUS-RI | LifeWatch-ERIC | eLTER | ECSA | Future Earth Coasts | IMBeR | Ocean KAN | Lagunet (Italian Lagoon Network) | Balloon (Baltic Lagoon Network) | Red Marismas (Spanish Lagoon Network) | Planet (Portuguese Lagoon Network) | ELNET (Greek Lagoon Network) | European Lagoon Federation

For information please contact direzione@corila.it

[Top](#)

Monitoring of Mediterranean Coastal Areas Symposium, June 2020



Call for Papers

Eighth Symposium

"MONITORING OF MEDITERRANEAN COASTAL AREAS: PROBLEMS AND MEASUREMENT TECHNIQUES"

Livorno (Italy), second half of June 2020

The symposium is organised by the Institute for Biometeorology -National Research Council of Italy (CNR-IBIMET), in collaboration with other CNR Institutes and University Departments.

The Symposium will include 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
- Underwater and Coastal Cultural Heritage

The symposium will also include oral and poster presentations.

Final deadline for abstracts: 4th November 2019

For further information please visit the website <http://sympcoastmed.fi.ibimet.cnr.it>

Scientific Secretariat:

National Research Council of Italy

Institute for Biometeorology (CNR – IBIMET)

via Caproni 8

50145 FLORENCE (Italy)

Phone +39 0555226060-6030

e-mail: simposio@ibimet.cnr.it

[Top](#)

FELLOWSHIPS/JOB POSITIONS/OPPORTUNITIES

Job Vacancies (UK)



Senior Fisheries Outreach Manager, UK and Ireland MSC

Location: London (with view to UK remote working after 6 months)

Closing date for applications: 11 June 2019, 5:00pm (BST)

Duration: Permanent

MSC's UK team is looking for a dynamic, highly organised, technically able Senior Fisheries Outreach Manager to successfully deliver the Fisheries Outreach Programme in the UK and Ireland. We want an experienced, keen advocate of the oceans and sustainable seafood, someone who appreciates the MSC's mission and values, who is committed to making a lasting contribution to sustainable fishing around the world.

The Senior Fisheries Outreach Manager will have extensive knowledge of the UK fishing industry and be expected to build and maintain excellent working relationships with the UK and Irish seafood sectors and fisheries in the MSC programme and working towards certification, to support the MSC in its mission for healthy oceans and sustainable seafood.

The post will involve working with the UK and Irish fisheries and seafood sector, so the successful candidate will need to combine a knowledge of marine and fisheries issues with a thorough technical understanding of this fascinating sector.

Click [here](#) for more information.



Inshore Fisheries and Conservation Officer

Kent & Essex IFCA

Location: Ramsgate, Kent

Closing date for applications: **13 June 2019**

Grade KR7/8 £21,941 to £28,608 + 10% anti social uplift

Duration: One year contract

Could you protect the waters around the Kent & Essex coast – including marine habitats and fish stocks - by enforcing key legislation?

In this varied role, you will tackle a range of work centred on marine enforcement at sea and on land. Day-to-day, you could be doing anything from inspecting boats at sea to carrying out surveys of fish stocks and habitats. You will be trained in carrying out enforcement of fisheries and MPA legislation and you will ensure that anyone fishing in the Kent & Essex IFCA district, either commercially or recreationally, complies with the Marine & Coastal Access Act and other marine, environmental and sea fisheries legislation.

You will work closely with a range of contacts and stakeholders, carrying out inspections; collecting and recording data; and giving advice and guidance using your knowledge and understanding of the different fisheries and fishing methods in our district and the issues they face. In addition to receiving training related to your enforcement duties, you will also be trained in the use of small RIBs and other vessels.

To join us, you must have enthusiasm for the marine environment and a knowledge of marine issues and the fishing industry together with a strong drive to enforce rules protecting fish stocks, marine habitats and marine wildlife.

You'll combine this with good communication skills, an organised approach and a gift for teamwork and collaboration. You must be ready to work some unsocial hours (e.g. weekends and at night), for which the post attracts a 10% uplift in salary. You will also be required to tackle physically demanding duties in a challenging marine environment and as such, we'll expect you to meet the standard required to obtain a Seafarers Medical Certificate (ENG1) to be able to inspect fishing vessels both when in port and when working at sea.

The first round interviews for this post will be held week commencing 24 June 2019 in Ramsgate, Kent. If you are selected for an interview you will be expected to provide a ten minute presentation to the interview panel.

For further information and to download an application form please visit our website: www.kentandessex-ifca.gov.uk



Marine Environmental Scientist

Gardline

Location: Great Yarmouth

Closing date for applications: **14 June 2019**

Duration: Permanent

Gardline is a successful marine environmental contractor conducting major integrated offshore projects on a worldwide basis and inshore projects for a wide range of clients in the UK and overseas.

As a Marine Environmental Scientist you will undertake environmental survey activities in a variety of worldwide locations. You will be responsible for operating equipment to collect environmental samples from the water column and the seabed for onshore laboratory analysis without disturbing, damaging or contaminating samples. There are strict protocols set that must be followed to ensure sample integrity is maintained, this includes their storage on board and accurate recording onto log sheets. Furthermore, you will be responsible for the safe despatch of samples, data and log sheets on completion of field trips.

The successful candidate will be required to liaise closely with key stakeholders in the business including technical, scientific and project management teams. In the office, you will be expected to process the data, working closely with the specialist Environmental reporting team, to produce quality reports for our customers.

Initially this role will be office based in Great Yarmouth, whilst you complete the required training and familiarisation with Gardline protocols, therefore relocation to the area may be required. You will spend up to 120 days at sea during your first year.

We are looking for enthusiasm, passion and flexibility, as well as the ability to perform your role and integrate with colleagues from a variety of disciplines. You should be confident about your subject and preferably have skills in species recognition, habitat mapping and awareness of international Environmental guidelines.

You will be qualified to degree level in a marine science related subject and be competent in the use of Microsoft Office applications including Word and Excel. Previous marine survey experience would be advantageous.

Click [here](#) for more information.

If you believe you have the skills and ambition for this role, please e-mail your CV and covering letter to recruitment@gardline.com



Yorkshire
Wildlife Trust

Wild about Wildlife Assistant

Yorkshire Wildlife Trust

Closing date for applications: **17 June 2019 9am**

£18,500 p.a. pro rata plus up to 9% employer pension contribution

Yorkshire Wildlife Trust is one of the UK's fastest growing environmental organisations and seeks to appoint a Wild about Wildlife Assistant as part of our dynamic Living Seas team. This is an exciting opportunity for the right candidate to work alongside the Youth Hostel Association at Boggle Hole, developing Yorkshire Wildlife Trust's vision for Living Seas in Yorkshire.

The Wild about Wildlife Assistant is responsible for developing and delivering a programme of marine awareness activities focussing on inspiring people to engage with the marine environment through delivery of a seashore and rockpool focussed events programme, development of a programme of active volunteering opportunities to improve public knowledge regarding the marine environment and encouraging responsible practices while using beaches. They will also engage with members of the public through membership recruitment and guided seawatches as well as raising awareness of marine wildlife in the area.

This role will be responsible for daily upkeep and opening/closing of a small visitor facility on site. This will include ensuring this facility is well kept, management of a small retail operation and recruitment of members to the Yorkshire Wildlife Trust.

Our ideal candidate will be forward thinking with a sound knowledge and enthusiasm for the marine environment. They will have a proven track record of working with people and leading events. Please note this role will be part of the wider Yorkshire Wildlife Trust Living Seas team but will involve significant periods of lone working and working alongside partners from other organisations.

See www.ywt.org.uk for more details or ring the office for an application pack: 01904 659570 or e-mail hr@ywt.org.uk



**Applied Research Assistant
Plymouth Marine Laboratory**

Location: Plymouth, Devon

Closing date for applications: **19 June 2019**

PML Applications Ltd is seeking to recruit a confident, practical and adaptive individual to provide project delivery support in a busy, fast paced marine environmental consultancy. The role will involve wide variety of tasks from desk based reviews, to manual tasks such as deploying and operating marine coating test rigs at a marina, and assisting with ship-board tests of ballast water treatment systems. The role will involve manual handling in the laboratory and the field. Microbial analysis of water samples will also be a significant part of the role, and good laboratory skills and record keeping are essential. We are seeking a motivated and committed person who can apply a scientific approach to our varied portfolio of commercial marine projects. There will be a requirement to work on occasional weekends, with flexible hours and occasional overnight stays.

Essential Skills / Attributes & Experience:

- Degree level or equivalent scientific training and I.T. literacy (e.g. Excel, Word, PowerPoint).
- High quality scientific writing skills
- Ability to follow tightly defined scientific methods and protocols in compliance with international standards and health and safety requirements.
- Competency and physical ability in field work settings (manual handling and hand tool use etc.)
- Competency and experience in laboratory settings including use of pipettes and microscopes
- Attention to detail in experimental work and ability to maintain records
- Basic microbiological assay skills
- Experience of data handling and analysis
- Comfortable and capable of working in small teams and without direct supervision.
- Good communicator, and able to work to short deadlines.
- Calm, adaptive and positive problem solving approach
- Willingness to travel and work occasional weekends / flexible hours.
- Driving license

Desirable Skills / Experience:

- Marine scientific training
- Experience of microbiological analysis of water samples
- Experience of plankton and biofouling organism taxonomy
- Able to undertake statistical analysis of data with packages such as R, and Primer.
- Marine consultancy or research background

How to apply

Please send a cover letter and CV to careers@pml.ac.uk

Click [here](#) for more information

[Top](#)

#####

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

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

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

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