



## **ECSA Newsletter, August 2013 (No. 16)**

### **CONTENTS**

#### **Messages from ECSA / ECSA events:**

- [Membership 2013/14 – reminder](#)
- [ECSA53 Estuaries and coastal areas in times of intense change, October 2013](#)
- [ECSA Special Session at the 8<sup>th</sup> SedNet Conference \(Portugal\), November 2013](#)
- [ECSA Local Meeting “Estuaries and Coasts of North and mid-Wales”, April 2014](#)
- [ECSA 54 Coastal systems under change, May 2014](#)

#### **Other features/events of interest:**

- [New non-native invertebrate discovered in the Thames](#)
- [Ecosystem Based Management using Ecopath with Ecosim Course, September 2013](#)
- [Ecological Traits Course, Sept/Oct 2013](#)
- [GLAM & GAM Course, February 2014](#)
- [Coastal Cliffs and Lake Bluffs Symposium, September 2013](#)
- [“Coastal risks and global changes” event, October 2013](#)
- [CERF 22nd Biennial Conference, November 2013](#)
- [Conference “Non-indigenous species in the North-East Atlantic”, November 2013](#)
- [V International Symposium "Monitoring of Mediterranean coastal areas, June 2014](#)

#### **Fellowships/job positions/opportunities:**

- [Job vacancy in numerical ecology at Ifremer Boulogne s/mer](#)
- [2 PhD positions in Marine Microbiology at Leibniz Institute for Baltic Sea Research in Warnemünde, Germany](#)

---

## MESSAGES FROM ECSA / ECSA EVENTS

---

### Membership 2013/14 - reminder

**Subscriptions for 2013/14** were due on 1<sup>st</sup> April. Did you remember to renew yours? If not, do it now! You can do it easily and quickly:



- **PayPal** - you can access it directly clicking [here](#) or via the [ECSA website](#);
- **Cheque** - this should be made payable to *Estuarine and Coastal Sciences Association*;
- **Bank Transfer**, or why not setting a **Standing Order**? - For bank details please contact the Membership Treasurer or refer to the membership form available in the [ECSA website](#);
- **Credit Card** (but please see message below from the ECSA treasurer);

Here below is a reminder of the **new subscription rates** for this year:

Regular  
Rates  
(from April 2013)  
**SPECIAL  
OFFER**

Category of Membership	Yearly payment by Banker's (Standing) Order only	Yearly payment by all other means
Member	£35	£36
Student member (annual)	£14	£15
Institutional member	£100	£100
Sponsoring member	£250	£250
Student member (3 years)	£30	£30

If you have any **enquiry about your membership**, please address it to the ECSA Membership Treasurer at the following numbers/address:

Dr Clare Scanlan, SEPA, Inverdee House, Baxter Street, Torry, Aberdeen AB11 9QA, Scotland, UK

Tel: +44 (0)1224 266617 Fax: +44 (0)1224 896657 Email: [clare.scanlan@sepa.org.uk](mailto:clare.scanlan@sepa.org.uk)

[Top](#)

---

## ECSA53 Estuaries and coastal areas in times of intense change, October 2013



**Register now** to hear from a list of outstanding invited speakers.

[View the Invited Speakers and their Presentation Titles »](#)

---

### Don't miss the special sessions

We are pleased to announce that we will be holding the following Special Sessions:

- **EMECS session:** "Environmental Management of Enclosed Coastal Seas"
- **SKLEC session:** "Effects of human activities on hydro-morphological processes in estuaries and coastal areas"
- **LOICZ East Asia - Yantai Node Session:** "River mouths and coastal sustainability"

**View more information and register by clicking on the sessions above.**

---

### ECSCA 53 Excursions

We are excited to be running two excursions on the 18 October 2013.

#### Excursion 1

Yangshan Harbor + Estuary Museum

#### Excursion2

Dongtan + West Chongming Wetlands

---

### Special Issues

Special Issues of both supporting journals are forthcoming!

---

### Accommodation

Book your accommodation now to avoid disappointment! For more details on how to book [visit our website](#).

---

For further information on registering your place and to sign up for news updates visit [www.estuarinecoastalconference.com](http://www.estuarinecoastalconference.com)

Find further details on the conference [here](#).

We are looking forward to seeing you in Shanghai!



[Top](#)

---

**ECSCA Special Session at the 8th SedNet Conference (Portugal), November 2013**

## 8th international SedNet conference

### 'INNOVATIVE SEDIMENT MANAGEMENT: HOW TO DO MORE WITH LESS'

6-9 November 2013 at LNEC, Lisbon, Portugal

Sediment management has proven to be a significant issue in European rivers, estuaries and coastal areas. This has both a quantity and a quality aspect, as prior SedNet activities have clearly shown.

Human interventions, such as river regulation, dredging, coastal and port construction and soil degradation often have large impacts on sediment supply, sediment transport and river and coastal morphology. Sediment-starved systems, particularly in coastal, lowland areas, are more vulnerable to extreme events, putting people, infrastructure and natural capital at risk. Mitigation measures may be technically feasible, but are quickly becoming too costly.

Sediment and biota in river systems have been exposed to multiple and interacting stressors for decades or even centuries. Europe has responded to the most apparent contaminants and pressures with a range of policies and measures since the 1970s. Clear improvements in water quality can be attributed to integrated river basin action plans and to the Programmes of Measures that resulted from the major and coordinated effort of the Water Framework Directive. However, improvements in sediment and longer-lived or bottom feeding biota lag behind due to storage and accumulation of contaminants, costly and laborious monitoring techniques, and sometimes lack of sufficient legal integration of sediment management into legislation.

To sustainably manage sediments, innovative and cost-efficient approaches and solutions are needed. Sediment management, which tends to be focused only on the apparent areas of concern, comes with the challenge of avoiding measures which have only short-term and locally positive effects, whilst having unforeseen negative consequences elsewhere.

Against this background SedNet is organising its 8th international conference in Lisbon. Given the tremendous diversity of Europe's southwest coast, Lisbon is a highly appropriate venue for a conference that will pay special attention to estuarine and coastal sediment management.

In conjunction with the SedNet conference, **a special session will be organised by ECSA on 'Changing hydrodynamics of estuaries and tidal river systems'.**

Tidal and fluvial hydrodynamics and the interactions between these flows change in the estuarine environment over a range of time-scales (i) in response to human management interventions, e.g. tidal barrages, weirs, restoration and flood management/storage schemes and (ii) over longer time-scales associated with predicted changes to the frequency and magnitude of coastal storm surges, river discharge extremes and sea level rise. This will have impacts for: sediment (sand and mud) dynamics including the redistribution of contaminated sediment; water quality and the physico-chemical environment; and the ecological status of estuarine, tidal freshwater and lower river systems.

This special session, hosted by speakers from ECSA, will outline current knowledge and tools for understanding and predicting changing hydrodynamics in estuarine systems and explore the implications this may have for contaminant/nutrient cycling and ecological status. This will be followed by a discussion of gaps in knowledge and management implications over short to medium time-scales.

Find more information at the conference website <http://www.sednet.org/conference2013.htm>

[Top](#)

---

## **ECSA Local Meeting “Estuaries and Coasts of North and mid-Wales”, April 2014**

The ECSA 2014 Local Meeting Estuaries and Coasts of North and mid- Wales will be held jointly with the School of Ocean Sciences from 8-10 April 2014 at the Management Centre, University of Wales, Bangor, Gwynedd.

Abstracts are now invited and should be emailed to Andrew Wither at the National Oceanography Centre: [awith@noc.ac.uk](mailto:awith@noc.ac.uk)

The provisional programme is:

Tuesday 8 April – pm. optional field trip (dependent of level of interest)

Wednesday 9 April Full day conference programme at the Management Centre

Wednesday 9 April - evening. Optional Conference dinner – venue tbc.

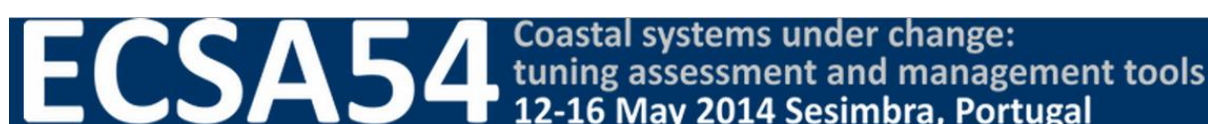
Thursday 10 April Half day or full day conference programme at the Management Centre. (Probably a full day, but this will depends on number of papers offered.)

The ECSA AGM will be held during this meeting, time and date to be confirmed.

[Top](#)

---

## **ECSA 54 Coastal systems under change, May 2014**



Environmental change is occurring at unprecedented rates and scales. However, knowledge on how climate and anthropogenic impacts interact and affect hydrodynamic, geomorphological, geochemical, biological and ecological processes in coastal areas is still limited. A better understanding of changes in ecosystem function and processes will contribute to more efficient management and conservation strategies. The integration of current knowledge and the development of predictive tools involve a multidisciplinary effort to deal with challenges posed by changing coastal environments.

To explore the topic of environmental change in coastal systems aiming at advancing assessment and management tools, ECSA 54 will address the following topics:

Themes:

1. Hydrodynamic and geomorphological shifts in coastal systems
2. Geochemical processes in changing environments
3. Structural shifts in biodiversity and ecosystem functioning

4. From genes to ecosystems: effects of global change
5. Connectivity and its implications towards conservation and management
6. Paleo-perspectives for present and future coastal management
7. Improving management and decision processes: advances in understanding and predictive tools

» IMPORTANT DATES	
01/10/2013	Abstract submission opens
28/02/2014	Deadline abstract submission
31/03/2014	Early registration closes
30/04/2014	Registration deadline
12-16/05/2014	ECSA 54 Conference
30/09/2014	Manuscript submission for Proceedings

More Information at <http://ecsa54.fc.ul.pt/index.html>

Conference Secretariat:

[ecsa54@fc.ul.pt](mailto:ecsa54@fc.ul.pt)

[www.ecsa54.fc.ul.pt](http://www.ecsa54.fc.ul.pt)

Convenor:

Henrique Cabral

Centro de Oceanografia

Faculdade de Ciências da Universidade de Lisboa

Campo Grande

1749-016 Lisboa

PORTUGAL

Phone: + 351 21 750 08 26

Fax: + 351 21 750 02 07

E-mail: [hcabral@fc.ul.pt](mailto:hcabral@fc.ul.pt)



**CENTRO DE OCEANOGRAFIA**

Centro de Oceanografia (PEst-OE/MAR/UI0199/2011)  
Project Bioconnect (PTDC/MAR/117084/2010)  
Project FishBiodiversity (PTDC/MAR/117119/2010)



**ECSA 54 is supported by**



[Top](#)

---

## OTHER FEATURES/EVENTS OF INTEREST

---

### New non-native invertebrate discovered in the Thames

**Date: 16 August 2013**

**Contact:** Dr Phil Smith, Aquatronics Ltd, 01363 776456, Mobile 07971 258594,  
email [phil@aquatronics.com](mailto:phil@aquatronics.com)

**Immediate Release**

#### NEW NON-NATIVE INVERTEBRATE DISCOVERED IN THE THAMES

Aquatronics Ltd have recently reported that they found several specimens of oligochaete worms belonging to the genus *Insulodrilus* in the upper Thames estuary. The worms probably belong to the *Insulodrilus lacustris* species complex. Full descriptions of the specimens from the Thames have been published in the open access journal BioInvasions Records  
[http://www.reabic.net/journals/bir/2013/Accepted/BIR\\_2013\\_Pinder\\_etal\\_correctedproof.pdf](http://www.reabic.net/journals/bir/2013/Accepted/BIR_2013_Pinder_etal_correctedproof.pdf).

Eight specimens were recorded at an intertidal area at Wandsworth in November 2012. This is the first confirmed record of the genus *Insulodrilus* in Europe and only the third record of the family Phreodrilidae outside their native territories of the Gondwanan land masses (Australasia, South America, Africa, Antarctica and India). The previous two records of Phreodrilidae outside their native range were in Japan and Ireland.

Most *Insulodrilus* are known only from Australia or New Zealand and have species-specific modified chaetae. The worms from Wandsworth had a

pattern of chaetae along the body that is typical of the family Phreodrilidae, with ventral chaetae bifid with a small upper tooth and 1 or 2 simple hairs per dorsal bundle from segment III.

The maximum size of the worms is about 3 mm, and they probably feed on filamentous algae and diatoms. They are unlikely to pose a threat to any UK species. The worms probably came in via ballast water, or possibly via the aquarium trade.

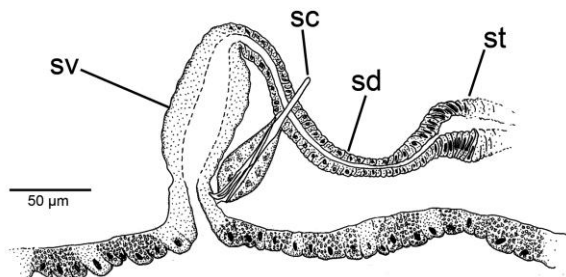
Other estuarine ecologists working on the upper Thames and elsewhere in the UK may want to look out for this non-native, as it is unlikely that it is restricted to the site at Wandsworth.



Core Sampling at Wandsworth on 17 November 2012. Phil Smith of Aquatronics on left and Morgan Taylor of Greengage on the right. Photo by Anne Smith, Aquatronics Ltd.



Aquatronics sent the Wandsworth worms to Pascal Sweeney, in County Cork, Ireland. He soon spotted that they were Phreodrilids, so he sent them to Adrian Pinder in Western Australia, who has unrivalled expertise in the taxonomy of Phreodrilid oligochaetes. Adrian provided a detailed



taxonomic description of the worms and drew the chaetae and the spermathecal apparatus (Figure 1).

**Figure 1.** Spermathecal apparatus of specimen of *Insulodrilus* from the Thames at Wandsworth. Labels: sc, spermathecal chaeta; sd, spermathecal duct; st, sperm trap; sv,

spermathecal vestibule. Inner morphology of spermathecal vestibule obscured. Drawing by Adrian Pinder (adrian.pinder@dpaw.wa.gov.au)

- Aquatronics Ltd specialises in surveys of rivers, estuaries and coastal waters ([www.aquatronics.com](http://www.aquatronics.com)).
- Dr Phil Smith specialises in ecological surveys and the impact of pollution and engineering works on aquatic resources.
- This is the fifth non-native aquatic species that has been reported for the first time in the UK by Aquatronics Ltd.
- The GB non-native species secretariat (NNSS) web site at <https://secure.fera.defra.gov.uk/nonnativespecies/home/index.cfm> gives information on how to reduce the spread of aquatic non-native species.

**CONTACT:** Dr Phil Smith, Aquatronics Ltd, 01363 776456, mobile 07971 258594, [phil@aquatronics.com](mailto:phil@aquatronics.com)

[Top](#)

## Ecosystem Based Management using Ecopath with Ecosim Course, September 2013



**Ecopath with Ecosim**

*No fish is an island*



### Ecosystem Based Management using Ecopath with Ecosim Course

**Dates:** 3rd – 5th September 2013

**Venue:** Scottish Association for Marine Science ([SAMS](http://www.sams.ac.uk)), Oban

Recognised by The National Oceanic and Atmospheric Administration (NOAA) as one of the ten most important scientific breakthroughs in the organisation's 200-year history; [Ecopath](#)'s free ecosystem modelling software leads the way in describing the ecological effects of fishing and climate change. This course will give you an understanding of the theory behind the Ecopath with Ecosim software, along with the confidence to construct and interpret basic ecosystem models.

This three-day course is designed for policy makers, ecological or social scientists, people interested in ecosystems and those working in ecosystem based management. It includes:



- An introduction to models used for ecosystem based management of fisheries
- Using Ecopath to address ecological questions
- Modelling the effect of environmental changes with Ecosim
- Evaluating the social and economic consequences of ecosystem based management
- Analysing the impact and placement of marine protected areas using Ecospace

The course is led by [Dr Sheila Heymans](#) who has worked extensively with Ecopath, Ecosim and Ecological Network Analysis. Her research includes the use of these tools for marine planning, as well as ways to combine ecological and social network analysis for ecosystem based management. As a result, the course provides an excellent practical introduction to this topic.

For further information and booking details, please visit <http://www.sams.ac.uk/education/short-courses/ecosystem-based-management-july>, email [SAMSCourses@sams.ac.uk](mailto:SAMSCourses@sams.ac.uk) or call 01631 559000.

[Top](#)

---

## Ecological Traits Course, Sept/Oct 2013

**From:** Paulo Sousa [mailto:jps@zoo.uc.pt]  
**Sent:** 13 May 2013 02:31  
**Subject:** Advanced Course on ECOLOGICAL TRAITS - University of Coimbra 2013

Dear Colleague

We would appreciate if you could announce within your Institution and research team the 2012 edition of the following course:

**THE USE OF TRAIT BASED APPROACHES IN COMMUNITY ECOLOGY AND STRESS ECOLOGY**  
 Coimbra, 23 September – 4 October 2013

For more information and registrations, please see [http://www1.ci.uc.pt/imar/traits\\_13/](http://www1.ci.uc.pt/imar/traits_13/)

Thank you very much for your attention  
 Best regards

Paulo Sousa

[Top](#)

---

## GLAM & GAM Course, February 2014

**From:** Paulo Sousa [mailto:jps@zoo.uc.pt]  
**Sent:** 18 August 2013 23:49  
**Subject:** GLAM & GAM Course - Coimbra 2014

Dear Colleague

We would appreciate if you could announce within your Institution and research team the 2014 edition of the following course on statistics:

**DATA ANALYSIS TOOLS IN ECOLOGY**

**Data Exploration, Regression, GLM & GAM - With Introduction to R**

Coimbra, 3-7 February, 2014

Department of Life Sciences – University of Coimbra

For more information and registrations, please see [www1.ci.uc.pt/imar/mvs\\_13](http://www1.ci.uc.pt/imar/mvs_13)

Thank you very much for your attention

Best regards

Paulo Sousa

[Top](#)

---

## Coastal Cliffs and Lake Bluffs Symposium, September 2013



### **Symposium 'Conservation, management and restoration of coastal cliffs and lake bluffs'**

The event is based in Llandudno, North Wales, UK and will take place on the 17th and 18th September 2013.

An international symposium exploring the conservation, management and restoration of coastal cliffs and lake bluffs.

Understanding the significance of these areas and their management requirements in the face of human exploitation and the impact of climate change is a major challenge. In order to identify the status, issues and management requirements of these areas a symposium is organised.

For more information see the symposium website <http://www.hope.ac.uk/cliffs/>, or email [cliffs@hope.ac.uk](mailto:cliffs@hope.ac.uk)



---

## “Coastal risks and global changes” event, October 2013

**From:** Jean-Paul Ducrotoy [mailto:j-p.duc@wanadoo.fr]

**Sent:** 04 July 2013 08:19

**Subject:** Journées UOF-EUCC 2013

Dear Colleagues,

*PLEASE HELP DISSEMINATING THE FOLLOWING INFORMATION:*

We are pleased to invite you to the Special Event organised by the Union des Océanographes de France (UOF) and the French branch of European Coastal & Marine Union (EUCC France) in 2013, which will take place in the Somme, from 16 to 19 October 2013 at Saint-Valery-sur-Somme France, at the Hotel du Cap Hornu.

The unifying theme proposed "**Coastal risks and global changes**" focuses on the following contemporary concerns:

- Pressures from industry, tourism and agriculture
- Traditional activities
- Adapting to climate change
- Fight against erosion and siltation
- Ecological restoration and ecological engineering
- Ecosystem services and societal benefits

### **Scientific objectives**

The whole event is intended to take stock of the knowledge on the relationship between the functioning of estuarine ecosystems, the impact of global change and services provided by these ecosystems. Therefore a multidisciplinary approach will help linking natural and social sciences. Benefits of this scientific approach extend to development and public policies. Emphasis will be placed on discussion, including contribution of prospective methods such as **conceptual models of development**.

These four days will be organized as follows:

- **Wednesday, October 16: Young Oceanographers Forum (Masters and PhDs)**
- **Thursday, October 17: Seminar "For a multidisciplinary approach to risks resulting from climate change in coastal and estuarine environments"**
- **Friday, October 18: Field Workshop "Management of risk from flooding: supporting or opposing coastal dynamics? "**
- **Saturday 19 (morning): Round Table discussion and returns from conference and workshops**

To register, log on to:

<http://uof2013.e-monsite.com/>

**Catering**

A blocked booking was made at the Hotel du Cap Hornu at the Conference Center.

For reservations:

[http://www.baiedesomme.fr/cartes\\_reservations/resa\\_hotel/resa\\_hotel\\_cap\\_hornu.php](http://www.baiedesomme.fr/cartes_reservations/resa_hotel/resa_hotel_cap_hornu.php)

There are many hotels in the city within walking distance the conference center:

[http://www.somme-tourisme.com/cdt80/somme\\_tourisme/decouvrez/cote\\_picarde/saint\\_valery\\_sur\\_somme](http://www.somme-tourisme.com/cdt80/somme_tourisme/decouvrez/cote_picarde/saint_valery_sur_somme)

Sincerely.

-

Catherine of Bigne

Secretary General of the UOF

195, rue Saint-Jacques, F-75005 Paris

T: 33 1 46 33 16 90 - F: 33 1 40 51 73 16

[www.uof-assoc.org](http://www.uof-assoc.org) - [uof@oceano.org](mailto:uof@oceano.org)

[Top](#)

---

## CERF 22nd Biennial Conference, November 2013



**The Coastal and Estuarine Research Federation 22nd Biennial Conference - CERF 2013**  
***Toward Resilient Coasts and Estuaries, Science for Sustainable Solutions***

**Dates:** November 3-7, 2013

**Venue:** San Diego Town and Country Resort and Convention Center, San Diego, CA USA

The world's oceans, coasts and estuaries are under increasing pressure from human activities – at the same time that society looks increasingly towards the ocean for resources and inspiration.

Pollution, changing hydrographs, changing climate, invasive species, shoreline development, resource extraction, and changing water chemistry negatively impact ecosystems and physical processes, placing at risk the very fabric that supports the diversity of marine life along the coast, and in turn threatening local, national and global ocean economies. Now, more than ever, the role of science in supporting the management of these complex stressors is critical. But often scientists work in isolation from real world problems, or their valuable efforts fail to be effectively transmitted to key decision-makers working in a political sphere. As complex challenges mount, scientists and decision-makers alike need to understand their respective and collective roles in addressing these issues – scientists to be aware where new knowledge is most needed, and managers to be aware of how science can guide decisions.

**Abstract submission deadline:** June 1, 2013 11:59 pm Eastern Time.

Further details are available at the conference website: <http://www.sgmeet.com/cerf2013/>

[Top](#)

---

## Conference “Non-indigenous species in the North-East Atlantic”, November 2013



**Call for abstracts - Conference “Non-indigenous species in the North-East Atlantic” –DEADLINE EXTENDED to September 1, 2013**

The deadline for **abstract submission** for the conference “**Non-indigenous species in the North-East Atlantic**” (20-22 November, Ostend) has been extended to **September 1, 2013**.

“Scientists and policymakers will be brought together to share knowledge and discuss Non-indigenous species. This is an important aspect within new coming regulations amongst them MSFD- Marine Strategy Framework Directive. The conference focuses on questions like “why do these species survive here as well? ”, “how do they get here? ” and “ what is their impact and how do we deal with it?”.

Talks will be given by following keynote speakers:

**Johan Vande Lanotte** (Vice Prime Minister and Minister of Economy, Consumers and North Sea, Belgium)

**Arjan Gittenberger** (Naturalis Biodiversity Center, the Netherlands)

**European Commission** (Biodiversity unit of the directorate-general Environment, Belgium)

**Francis Kerckhof** (Royal Belgian Institute of Natural Sciences , Belgium)

**Filip Volckaert** (Catholic University of Leuven, Belgium)

**Patrick Ten Brink** (Institute for European Environmental Policy (IEEP), Belgium)

**Marleen De Troch** (Marine Biology Ghent University, Belgium)

**Jeroen Wijsman** (Institute for Marine Resources & Ecosystem Studies Wageningen IMARES, the Netherlands)

**Etienne Branquart** (Interdepartmental cell on invasive species, public Service of Wallonia, Belgium)

**Svein Ruud** (NorwayKingCrab, Norway)

**Carl Decaluwé** (Governor Province of West Flanders, Belgium)

We invite you to submit an abstract for one of the following sessions:

Session 1: "What is the reason of their success and what are their vectors"

Session 2: "Structural biodiversity"

Session 3: "What are the threats for environment, economy and security?"

Session 4: "Functional biodiversity"

Session 5: "Assessing the risks of non-indigenous species"

Session 6: "Control and early warning systems"

Session 7: "Non-indigenous species, are there opportunities?"

Based on these inputs 21 abstracts will be selected by a scientific committee for a plenary oral presentation of 20 minutes. For the other a poster session will be foreseen. A publication with all the abstracts will be disseminated on the conference. All talks and the poster session will be held in English.

Abstracts can be send to [NIS@ilvo.vlaanderen.be](mailto:NIS@ilvo.vlaanderen.be)

For registration, further details and regularly updates on the conference see:

<http://www.ilvo.vlaanderen.be/nisconference2013>

Please distribute this information within your networks.

With best regards,

the Organizing Committee of the NIS conference."

[Top](#)

---

## **V International Symposium "Monitoring of Mediterranean coastal areas, June 2014**



Fifth International Symposium:  
**"Monitoring of Mediterranean coastal  
areas: problems and measurement  
techniques"**

**Livorno (Italy) 17-18-19 June 2014**

### **\*SESSIONS\***

- Measures for environment and energy production in the coastal zones
- Morphology and evolution of coastlines and seabeds
- Flora and Fauna of the littoral system: dynamics and protection
- Coastline geography: territory uses, processes and dynamics
- Coastal landscapes: past and present aspects of human influence
- Management and integrated coastal protection: economic and legal profiles

The symposium will also include oral presentations and a poster session.

**Final deadline for abstracts: 4 November 2013**

For further information please visit the website

<http://server.ss.ibimet.cnr.it/ita/simposio/2014/eng/s2014eng.html>

Scientific Secretariat: National Research Council of Italy

Institute for Biometeorology (CNR – IBIMET) - Seat of Sassari Traversa La Crucca, 3 Loc. Baldinca, Li Punti; 07100 Sassari (Italy) Phone +390792841508-1 Fax +390792841598 e-mail:simposio@ibimet.cnr.it

[Top](#)



---

## FELLOWSHIPS/JOB POSITIONS/OPPORTUNITIES

---

### Job vacancy in numerical ecology at Ifremer Boulogne s/mer

Please find attached this announcement for a job vacancy in numerical ecology at Ifremer, Boulogne s/mer. Please feel free to forward this announcement to any colleagues who could be interested:

[http://wwz.ifremer.fr/institut\\_eng/Ifremer-careers/Offres-d-emploi-stage/Chercheur-en-ecologie-numerique-H-F](http://wwz.ifremer.fr/institut_eng/Ifremer-careers/Offres-d-emploi-stage/Chercheur-en-ecologie-numerique-H-F)

[Top](#)

---

### 2 PhD positions in Marine Microbiology at Leibniz Institute for Baltic Sea Research in Warnemünde, Germany

**Job announcement** (Bio-03/2013)

The Microbial Ecology Group of the Department Biological Oceanography of the Leibniz-Institute for Baltic Sea Research Warnemünde (IOW) is offering

#### **2 PhD positions in Marine Microbiology**

**starting on October 1, 2013.** Remuneration is paid in accordance with the TV-L salary scale at level EG 13. The employments are temporary for 3 years.

The IOW is an independent institute of the Leibniz Association, which focuses on coastal and marginal seas, notably the Baltic Sea is investigated. The scientists of the four sections (Physical Oceanography, Marine Chemistry, Biological Oceanography and Marine Geology) work interdisciplinary within a common research program and with the support of a special working group for the development of new technologies. The advertised positions are embedded within two projects funded by the German Science Foundation (DFG):

**1) The project „Microbial diversity and function within the salinity gradient of the Baltic Sea“ (MicroFun)** deals with the question how the salinity gradient of the Baltic Sea impacts the structure and function of the pelagic microbial communities. This will be examined, in ship-board experiments during research cruises and in laboratory studies, by applying molecular, microbiological and biogeochemical techniques. One focus will be to link the physiology and function with the identification of dominant prokaryotes (e.g., by RNA-SIP, NanoSims, Microautoradiography and CARD-FISH).

**2) The project „Impact of lateral intrusions and mixing on the biogeochemistry and microbiology of pelagic redoxclines“ (Redox-Intrusions)**

Investigates, in cooperation with physical oceanographers, how mixing processes in marine oxygen deficient zones impacts the activity, community composition and biogeochemical

transformations of the microbial communities. Experiments will be performed mainly within the frame of research cruises (e.g., to the Baltic and the Black Sea), and involve molecular and microbiological techniques, and the combination of biogeochemical process measurements with gene expression analyses.

### **Qualification**

Applicants are expected to have a degree in the fields of microbiology, marine biology, biogeochemistry or similar fields. Experience in the analysis of composition and function of natural microbial communities is advantageous, the capability to participate in research cruises is required.

Applicants are asked to send their complete applications for one or both positions (CV, copies of certificates, references, statement to which project complete list of accepted or published manuscripts in peer-reviewed journals), quoting

Code: **Bio-03/2013**

Until **August 31<sup>th</sup>, 2013** to:

[bewerbung.biologie@io-warnemuende.de](mailto:bewerbung.biologie@io-warnemuende.de)

or

Leibniz-Institute for Baltic Sea Research Warnemünde  
Dept. Human Resources  
Seestraße 15  
D-18119 Warnemünde  
Germany

Applications of disabled persons with same professional and personal qualification will be treated preferentially. Please indicate a handicap in the cover letter and enclose the relevant certificate.

Applications of female candidates are expressly encouraged.

The IOW promotes equal opportunities. Our family office, equipped with computer workstation and toys, offers parents the opportunity to take children to the IOW for shorter periods.

The Leibniz Institute for Baltic Sea Research offers a diverse work environment in the immediate vicinity of the Baltic Sea. Interdisciplinary research topics around the Baltic Sea ecosystem, broad in-house expertise in physical, chemical and biological oceanography, marine geology, test equipment and very good infrastructure and facilities provide a framework for best research conditions.

Application and travel costs cannot be reimbursed.

For further information please contact:

Prof. Klaus Jürgens

Email: [klaus.juergens@io-warnemuende.de](mailto:klaus.juergens@io-warnemuende.de)

or use our website: [www.io-warnemuende.de](http://www.io-warnemuende.de)

[Top](#)

#####

Website: <http://www.ecsa-news.org/>

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