



ECSA Newsletter, December 2010 (No. 8)

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MESSAGES FROM ECSA / ECSA EVENTS

Christmas greetings from ECSA

ECSA wishes to all the Members

a very merry Christmas

and happy 2011 beginning!

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Forthcoming 2011 ECSA events

4 – 7 April 2011 – International 49 ECSA Symposium, Grahamstown, South Africa

“Estuarine, Coastal & Oceanic Ecosystems – Breaking down the Barriers”

Website: <http://www.atas.co.za/SAMSS2011/>

Contact: Alan K. Whitfield, a.whitfield@saiab.ac.za

27 – 28 April 2011 - UK Local Meeting, Hull, United Kingdom

“The Humber and the UK northeast Coast”

Website: <http://www2.hull.ac.uk/science/ecsa-conference-2011.aspx>

Contact: Mike Elliott, Mike.Elliott@hull.ac.uk

Summer 2011 - Nutrients Workshop, Plymouth

A workshop on macronutrients will be held at the University of Plymouth in summer 2011.

It will focus on practical techniques for the analysis of nitrogen and phosphorus, including the organic fractions, and will also involve contextual presentations from internationally-recognised researchers.

The Biogeochemistry Research Centre at the University of Plymouth has extensive experience in the analysis of N and P, and operates a suite of ISO accredited (9001:2001) instrumentation.

It is envisaged that the workshop will be suitable for researchers at all levels who wish to develop their practical skills and understanding of aquatic nutrient cycling and analysis.

If you are interested in attending this workshop then please e-mail Dr Mark Fitzsimons (<mailto:mfitzsimons@plymouth.ac.uk>) to register your interest.

24 – 28 October – Continental Local Symposium, CEMAGREF, Bordeaux, France

“Ecosystem Trajectories”

This international symposium will focus on Estuarine and Lagoon Ecosystem Trajectories.

Throughout the world, estuaries and lagoons are among the most intensively modified and threatened aquatic ecosystems. Moreover, these systems are vulnerable to the consequences of global change.

From a management point of view, there is a tremendous and concrete lack of knowledge regarding the functioning of estuarine ecosystems and the socio-economic relations that bind the various actors to these environments.

In that context, suitable management and restoration approaches should address both ecological and societal aspects. Medium and long term investigations seem to be suitable to draw the ecosystem trajectories and to explore in a useful way their prospective evolution under different scenarios. This leads to a situation where we may question the concept of « Good Ecological

Status/ GES » and « Good Ecological Potential/ GEP ». As estuaries and lagoons are irreversibly affected by human activity, the good ecological status becomes mainly a societal choice, asking the question « Which nature do we want for tomorrow ? »

Apart from tools, models and methodologies to assess ecosystem trajectories, example of management for preservation, restoration and compensation measures are welcome.

This ECSA symposium will contribute to provide sound science on past and future estuarine and lagoon ecosystem evolution. A special session will be dedicated to the concept of good ecological status (GES) in the context of the Water Framework Directive.

For more information <http://www.ecsa-bordeaux2011.fr>

Contact: Michel Girardin (CEMAGREF) - contact@ecsa-bordeaux2011.fr

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ECSA grants

ECSA is keen to support its members through research grants for funding small projects and travel grants for participation to ECSA symposia.

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Membership – Paypal payment

ECSA is glad to announce that the Paypal payment of membership fees will be soon available on the association website <http://www.hull.ac.uk/iecs/ecsa/index.htm>

[Other details ?](#)

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DOCUMENTS / WEBSITES

E-book 'Atlas of the Deep-Water Seabed: Ireland'

An 'Atlas of the Deep-Water Seabed: Ireland' is available as e-book at

<http://www.springerlink.com/content/978-90-481-9375-2/#section=781881&page=1&locus=0>

Dorschel., B., Wheeler, A.J., Monteys, X & Verbruggen, K. (2010). Atlas of Deep-Water Seabed: Ireland. Springer, Dordrecht Heidelberg London New York, 164pp.

It contains thematic chapters on canyons and channels, seamounts, escarpments, mound features and coral carbonate mounds and iceberg ploughmarks as well as a regional atlas.

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OTHER EVENTS OF INTEREST

ECClimate congress - Registrations

The registration on ECClimate are now open!! You can register at:

http://www.cimar.org/ECClimate/registration_form.htm

You will be most welcome at ECClimate congress, that refers to climate change impacts in estuarine ecosystems issues, being held in Porto (Portugal), 5-8 April 2011.

Congress scope:

ECClimate project's goal is to predict climate change impacts, namely temperature rise, on the ecophysiology and production of estuarine organisms. Focus is made on abundant species common to a wide geographic area, in three estuaries, Minho (Portugal) in the south, the Wadden Sea (The Netherlands) at intermediate latitude, and Skibotn, Tromsø (Norway) in the north, and hence covering a large latitudinal range.

The conference will cover relevant subjects, as Trophic interactions, Molecular Evolution, Eco-physiology, Dynamic Energy Budgets modelling, Phylogeography studies, Population dynamics modelling and Integrated Coastal Zone Management in estuaries.

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4th Annual International Conference on Mediterranean Studies, 20-23 April 2011

4th Annual International Conference on Mediterranean Studies, 20-23 April 2011, ATHENS, GREECE

The Athens Institute for Education and Research (ATINER) organizes its 4th Annual International Conference on Mediterranean Studies in Athens, Greece, 20-23 April 2011.

Conference website: www.atiner.gr/mediterranean.htm

Aim: to bring together scholars, researchers and students from all areas of Mediterranean Studies, such as history, arts, archaeology, philosophy, culture, sociology, politics, international relations, economics, business, sports etc. Panel organizers are encouraged to submit their proposals by inviting other scholars that do research in the area.

Specific sessions will be organized on (a) country studies for both the European and the non-European countries of the Mediterranean Basin, (b) the environmental, ecological and biological issues of the Mediterranean Sea, and (c) the Mediterranean islands (history, arts, culture, and all aspects of development) such as Cyprus, Malta, Sicily, Sardinia, Corsica, Crete, Euboea, Majorca, Rhodes, Cyclades, Ionian, Dodecanese, etc.

The registration fee is €250 (euro), covering access to all sessions, two lunches, coffee breaks, and conference material. Special arrangements will be made with a local luxury hotel for a limited number of rooms at a special conference rate. In addition, a number of special events will be organized: a Greek night of entertainment, a special one-day cruise in the Greek islands and a half-day tour around the wider area of Athens (Attica).

Abstract submission deadline has expired, but if you want to participate without presenting a paper, i.e. chair a session, review papers to be included in the conference proceedings or books, contribute to the editing of a book, or any other contribution, please send an email to Dr. Gregory T. Papanikos, (gtp@atiner.gr) Director, ATINER.

Organizing institution: The Athens Institute for Education and Research (ATINER, <http://www.atiner.gr>) was established in 1995 as an independent academic organization with the mission to become a forum, where academics and researchers - from all over the world – could meet in Athens and exchange ideas on their research and discuss the future developments of their discipline.

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9th International Temperate Reefs Symposium – 26 June-1 July 2011

9th International Temperate Reefs Symposium

<http://www.itrs2011.org/>

The symposium is being held from the 26th June - 1st July 2011 at the University of Plymouth, UK.

The Symposium will host a special session on deep-sea reefs, to include both rocky and biogenic reef habitats, many of which are found on seamounts.

The organizers will shortly be inviting oral and poster presentations for the symposium and hope you will consider attending.

For further information please contact Kerry Howell (kerry.howell@plymouth.ac.uk).

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11th Copepod Conference Merida Mexico save the date 10-15 Jul 2011

Hello fellow copepodologists,

Well the next conference on Copepods is upon us. 2011 in Mexico.

Here is the official website site: www.11thcoc.com

Also you can get to it via the WAC website. <http://www.monoculus.org/>

Hope to see you there.

Regards,

T. Chad Walter

Smithsonian Institution

Dept. Invertebrate Zoology

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Smithsonian Institution, Museum Support Center, MRC 534

4210 Silver Hill Road

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<http://www.marinespecies.org/copepoda/>

<http://invertebrates.si.edu/copepod/index.htm>

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5th European Coastal Lagoons Symposium

The 5th European Coastal Lagoons Symposium will be held from 25 to 30 July 2011 at the University of Aveiro, Portugal with the global theme "Coastal Lagoons in a Changing Environment: Understanding, Evaluating and Responding".

Within this theme, contributions are welcome covering the following topics: Biodiversity and Functioning, Coastal Lagoon Properties in the Context of Climate Change, Resource Exploitation and Sustainability, Integrated Assessment, Management and Restoration, Education Collaboration and Networking.

Abstracts submission deadline is April 30th 2011

Further details can be found at the congress website <http://eurolag.web.ua.pt/>

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[Annelida] international course in polychaete biology

The White Sea Biological station (WSBS) of the M.V. Lomonosov Moscow State University offers 2-week field course in polychaete biology in September 2011.

The course will provide the participants with a unique opportunity to get on-hand experience in the field and laboratory study of polychaete diversity of the White Sea. The course will include one or occasionally

two lectures each day, field trips (intertidal and onboard of research vessels using both trawling and scuba diving), instruction in the methods of polychaete sorting, fixation and preservation, laboratory study of living and preserved polychaetes (microscopy, dissecting and slide preparation), principles of zoological illustration (line drawing and digital photography), principles of alpha-taxonomy, determination of major taxa using taxonomic keys and demonstration of molecular methods used in modern zoology. Day lectures will provide introduction to the major groups of polychaetes of the White Sea. Theoretical evening lectures will be given on various aspects of polychaete biology, reproduction, evolution and phylogeny.

The White Sea Biological Station is located on the wild and scenic coast of Kandalaksha Bay of the White Sea (66° 34' N, 33° 08' E) exactly on the Polar Circle. It is a remote and isolated University settlement accessible only by boat from the nearest village Poyakonda. Poyakonda is connected to major cities by train: 21 hours from St. Petersburg, and 36 hours from Moscow.

For information about the station see <http://en.wsbs-msu.ru/>

Applications are invited preferably from graduate students however well qualified undergraduate student as well as post-docs and researches interested in polychaetes that recently started their career, may also apply.

Please visit <http://wsbs-msu.ru/doc/index.php?ID=107> for detailed descriptions of the application process and course fees.

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First announcement Flatfish Symposium 2011

8th International Symposium on Flatfish Ecology

The 8th International Symposium on Flatfish Ecology will be held in the Netherlands (IJmuiden) from 5 - 11 November 2011.

The event is organized by the Institute for Marine Resources and Ecosystem Studies (IMARES), Wageningen University and Research Centre, IJmuiden, The Netherlands.

The 8th Symposium will focus on the mechanistic understanding of the population ecology of flatfish species and their role in ecosystem. The overarching theme of the Symposium is "Connectivity". Both oral and posters contributions are solicited on the following themes. Other topics are: Comparative dynamics and latitudinal variation; Stock structure; Adaptability; Flatfish in the ecosystem; Spatial dynamics; Management.

Important deadlines

Submission of abstracts	1 May 2011
Steering Committee decision	1 June 2011
Early registration of participants	1 September 2011
Late registration	until meeting
Submission of papers to proceedings	5 November 2011

Further information at <http://www.flatfish2011.nl/>

Contact

Marja Bruisschaart, IMARES, P.O. Box 68, 1970 AB IJmuiden, The Netherlands;

e-mail Marja.bruisschaart@wur.nl

phone: +31 317 487048

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21st Biennial Conference of the Coastal and Estuarine Research Federation

21st Biennial Conference of the Coastal and Estuarine Research Federation "Societies, Estuaries & Coasts: Adapting to Change"
Ocean Center, Daytona Beach, Florida, 6 - 10 November 2011

Registration and Call for Abstracts Open 1 February 2011

See <http://www.erf.org/cerf-2011> for details.

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6th World Fisheries Congress, 7th - 11th May 2012

On behalf of the World Council of Fisheries Societies, the FSBI is hosting the 6th World Fisheries Congress, in Edinburgh in May 2012. Details of the dates, main themes and current key-note speakers are provided in the link here.

Publicising the 6th WFC 2012 <http://www.6thwfc2012.com/>

We very much hope that you will be able to attend this meeting and would ask you to pass the circular on to any contacts you may have who might be interested in it and/or place it on any relevant websites. The themes and keynote speakers described in the circular are just the beginning, and we are looking for suggestions of possible topics within these broad themes, possible invited speakers for those topics and (perhaps most importantly) volunteers to organise the relevant sessions. The set of themes and invited speakers will be finalised in late 2010, so please forward any suggestions soon. Suggestions should be sent to:

michel.kaiser@bangor.ac.uk

We look forward to hearing your ideas.

Yours sincerely

Professor Michel J. Kaiser D.Sc.

Chair in Marine Conservation Ecology

School of Ocean Sciences

Bangor University

Call for expressions of interest for ship-based scientific work in Arctic summer 2011

Greenpeace call for expressions of interest for ship-based scientific work in Arctic summer 2011

Following the success of a number of recent scientific co-operations, including that between Greenpeace and IFM-GEOMAR to support the ocean acidification fieldwork in Ny-Ålesund in the summer of 2010, Greenpeace is looking to make available at least one and possibly two of its vessels to support scientific research in the Arctic during the summer of 2011. At present, the schedules are open, such that we would be willing to consider any proposals for use of ship time for research purposes between the beginning of June and end of September, including any port calls and cruise tracks such research would entail. The two vessels are:-

1. the Esperanza, a vessel which was used for the work with IFM-GEOMAR in 2010 and which has considerable deck space for containers and/or equipment (including a covered heli-hangar for dry storage, sample processing, etc.), and
2. the Arctic Sunrise, a slightly smaller vessel, which has most recently been used to support independent scientific work in the Gulf of Mexico.

The Arctic Sunrise is an ice class vessel. Esperanza is capable of handling uncompacted sea ice. Both have long and successful records of work in polar seas and have experienced professional crews. Neither vessel carries a stock of research equipment as standard, but can provide a valuable platform for the carriage and use of a wide range of such equipment owned or leased by researchers and/or institutes interested in using the vessels. No charge is made for the use of the vessels for such collaborative research activities. All such activities are subject to agreement of memoranda of understanding which ensure the independence of the researchers, research programmes and related institutes and ensure that the ships and their crews are dedicated solely to supporting the research work during the period of the agreements.

If you have an interest in conducting ship-based research in the Arctic during the summer of 2011, are able to supply the equipment you would need in order to carry out such work and would like to explore in more

detail the possibility of using either of these Greenpeace vessels as research platforms, please get in touch with David Santillo at the Greenpeace Research Laboratories (address below). Initial expressions of interest can be in outline form and submitted by e-mail.

Dr David Santillo

Senior Scientist, Greenpeace Research Laboratories

School of Biosciences

Innovation Centre Phase 2

Rennes Drive

University of Exeter

Exeter EX4 4RN, UK

T: +44 1392 247920 (247922 direct)

F: +44 1392 247929

W: www.greenpeace.to<<http://www.greenpeace.to/>>

skype: dsantill

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FELLOWSHIPS / JOB POSITIONS

Internship - database GIS assistant Huinay Scientific Field Station, Chile

Job Announcement for a GIS/data base technical assistant
We are also looking for interns starting February 2011

The employer is the Pontificia Universidad Catolica de Valparaiso (www.pucv.cl), but the work will be

carried out at Huinay Scientific Field Station within a 3-year project we earned, called "A rapid assessment project for mid-scale biogeographic pattern analysis for the development of a MPA network plan in the Chilean Patagonian Fjord Region and action for its implementation".

We are looking for an GIS/data base technical assistant for 3 years, beginning in March, 2011.

Key abilities:

- GIS and data base experience
- fluent English
- good Spanish knowledge

In addition he/she should:

- be an open, communicative, easy-going and nature-loving person who has no problems or rather enjoys to live in an isolated and rainy place (surrounded by lush forests) and be able to adapt to new situations
- be self motivating and able to deal with difficulties of living in a small remote place with few people
- be organized and have organisatorial skills
- have a general scientific, biological (taxonomical) and ecological background or interest (ideally knowledge of or at least interest in invertebrates).
- be flexible, patient and should be able to improvise (experience in developing countries or better in South America is of advantage)

Experience in using MARXAN would be very welcome. System administrative skills (hard ware installation and network configuration) are of big advantage.

The technical assistant will be in charge of database work and GIS mapping (adding older and newly sampled data mainly on species locations, in a database), be able to run or willing to learn how to run a MARXAN analysis (a MARXAN training workshop will be held next August) with the aim to propose a network of marine protected areas. He/she will also participate in the development of a travelling exhibition on marine biodiversity which will be developed and presented within the project; training and supervising interns (who can help adding data) etc. He/she can and should work quite independent, but follow the guidelines given by the scientific director/managing scientist and ask for feed-back when necessary.

Besides the database work, the technical assistant can assist the two technical-scientific assistants in their work. This way in average approx. half a day should be spent on database work (with more intense database phases after data collections), GIS and MARXAN work, and the rest in other tasks. Other tasks can, among others, involve all daily activities at the station including monthly sampling, lab and field work (also diving if the applicant has >200 dives, experience with dry-suit diving in cold water, and own equipment), caring of diving and lab equipment and aquaria, and taking care of visiting scientists.

DEADLINE: until we found a qualified person, or 1.2.2011

You can find more information on the website <http://www.huinay.cl>

STRI research positions in archaeology and marine science

The Smithsonian Tropical Research Institute (STRI; www.stri.si.edu), headquartered in the Republic of Panama, invites applicants interested in conducting research in the new world tropics to fill one permanent research position in Archaeology and one in Marine Science. Candidates should have a strong publication record and demonstrated success in obtaining grants. The successful candidates are expected to develop strong research programs, supervise students, collaborate with other staff, and provide service to the Institute.

STRI maintains modern research facilities, a library with extensive holdings in the natural and anthropological sciences, and support centers in Panama City, together with diverse stations for marine and terrestrial field work throughout the tropics. Staff scientists maintain cooperative research programs within a world-wide network of academic institutions. Opportunities for mentoring young scientists are available through a vigorous fellowship program, and formal teaching is possible through educational programs with affiliated universities.

Archaeology: We seek an archaeologist interested in doing research on prehistoric adaptations of native peoples to tropical forests; anthropogenic transformations of the landscape; plant domestication; archaeozoology; innovations in subsistence technologies; and the development of social, cultural and economic systems. Mid-level candidates are preferred but applicants at any level will be considered.

Marine Science: We seek a broadly-trained marine scientist who addresses fundamental research questions and whose interests complement those of the existing staff. Applicants at any level will be considered.

Minimum Qualifications: A Ph.D. in a relevant field, a demonstrated record of research excellence, and a commitment to communicating science to the public.

To Apply: Interested candidates should submit a single pdf containing a summary of research accomplishments and interests, curriculum vitae, five significant reprints, and the names and contact information of three referees. Please send applications electronically to strimarinejob@si.edu or strianthrojob@si.edu. Address inquiries to Dr. Fernando Santos-Granero, Chair, Search Committee on Archeology at: santosf@si.edu or Dr. Rachel Collin, Chair, Search Committee on Marine Science at: collinr@si.edu.

Review of applications will begin on February 15, 2011, and interviews will commence shortly thereafter.

STRI is an equal opportunity employer and appointments are made regardless of nationality.

Tenure Track Faculty Position in Ecology, CUNY

Job Title: Assistant or Associate Professor -

Molecular Systematics & Ecology (Biology)

Job ID: 3202

Location: Brooklyn College, of the City University of New York (CUNY)

FLSA: Exempt

Full/Part Time: Full-Time

GENERAL DUTIES

Performs teaching, research, and guidance duties in area(s) of expertise as noted below. Shares responsibility for committee and department assignments, performing administrative, supervisory, and other functions as may be assigned.

CAMPUS SPECIFIC INFORMATION

The Department of Biology seeks a broadly trained biologist whose research will add to the breadth and depth of the department. The research should include systematic and molecular approaches in one or more of the following areas: systematics of microbial or other ecology, environmental biology, evolution, or behavior. This work should relate to the College's initiative in the urban environment, including urban marine estuaries. The faculty member will participate in teaching appropriate undergraduate and graduate courses that relate to his/her specialty. Development of a strong, competitive, research program that trains undergraduate and graduate research students and generates external grant funding is essential. Participation in the CUNY biology doctoral program is required.

This is a tenure-track position, with competitive salary and benefits to begin Fall Semester 2011. Lab space and start-up funds for research will be provided. The successful candidate will join a research-active department of 18 faculties with expertise in microbiology, molecular and cell biology, bioinformatics, and behavioral neurobiology.

MINIMUM QUALIFICATIONS

Ph.D. degree in area(s) of expertise, or equivalent as noted below. Also required are the ability to teach successfully, interest in productive scholarship or creative achievement, and ability to cooperate with others for the good of the institution.

OTHER QUALIFICATIONS

An appropriate Ph.D. degree in biology or a related field is required. Post-doctoral experience with publications in peer-review biology journals; well-defined plan for developing an independent research program that will generate external funding and provide research training for undergraduate and graduate students; effective communication skills that will enable the candidate to teach at the undergraduate and graduate levels; and some appropriate teaching experience.

COMPENSATION

Salary is competitive and commensurate with qualifications and experience.

BENEFITS

CUNY offers a comprehensive benefits package to employees and eligible dependents based on job title and classification. Employees are also offered pension and Tax-Deferred Savings Plans. Part-time employees must meet a weekly or semester work hour criteria to be eligible for health benefits. Health benefits are also extended to retirees who meet the eligibility criteria.

HOW TO APPLY

Please submit your application online as follows:

- * Go to <http://www.cuny.edu> and click on "Employment" "
- * Click "Search job listings"
- * Click on "More search options."
- * Search by Job Opening ID: 3202
- * Click on the "Apply Now" button.

Be sure to upload a cover letter, curriculum vitae. In addition, all applicants should arrange for three confidential letters of recommendation (referencing Job ID 3202) to be sent directly to:

Mr. Michael T. Hewitt.

Assistant Vice President of Human Resources

Brooklyn College

2900 Bedford Avenue

Brooklyn, New York 11210-2889

-OR-

BCjobs@brooklyn.cuny.edu

CLOSING DATE

Open until filled with the review of applications to begin on October 16, 2010.

EQUAL EMPLOYMENT OPPORTUNITY

The City University of New York is an Equal Opportunity Employer which complies with all applicable laws and regulations, and encourages inclusive excellence in its employment practices.

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Faculty Position - Marine Ecosystem Modeler

Assistant Scientist - Marine Ecosystem Modeling

The Bermuda Institute of Ocean Sciences is seeking to fill a faculty position in the area of marine ecosystem modeling. Applicants with experience in developing open ocean models to work with the Bermuda Atlantic Time-series Study researchers are encouraged to apply, as well as those with an interest in modeling

coastal/coral reef communities. Starting date will be negotiated with the successful applicant, and hiring will be at the Assistant Scientist level.

Applicants must hold a Ph.D. degree in the oceanographic or related sciences. The successful candidate must demonstrate a strong track record or potential for outstanding accomplishments in research, research supervision, and teaching. Course offerings in the larger BIOS education program may include contributions to the POGO Centre of Excellence in Observational Oceanography commensurate with the candidate's interest and expertise. Opportunities exist for disciplinary and interdisciplinary interactions with more than 14 other faculty at BIOS with an interest in marine sciences. Additional information about BIOS and its facilities can be found on our web pages: <http://www.bios.edu>.

Review of applications will begin 1 March 2011; the position will remain open until filled. Applications, including cover letters, curriculum vitae, teaching and research statements (1 page each), and contact information for three references should be submitted to Dr. Michael Lomas (Michael.Lomas@bios.edu) as a single PDF file.

The Bermuda Institute of Ocean Sciences (BIOS), Inc. (founded as the Bermuda Biological Station in 1903) is a U.S. incorporated 501(c)(3) not-for-profit research and education institute, incorporated in New York state, employing a multi-national staff of approximately 100 people. Activities include oceanographic and marine biological research conducted by resident and visiting scientists, and university level courses on topics ranging from marine pollution to ocean genomics.

BIOS is an Equal Opportunity Employer and operates a drug-free work-place and learning environment

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[ColdWaterCoral] Post doc available in GIS and spatial ecology cold-water corals

Post-doctoral Research Associate in GIS & spatial analysis cold-water coral habitats

We are looking for a talented and highly motivated postdoctoral scientist to join an interdisciplinary group researching the biology and ecology of cold-water corals.

The successful candidate will be responsible for refining the group's GIS databases, co-ordinating habitat mapping activities and developing spatial biodiversity analysis with other members of the group.

The position is for 2 years and is funded by Heriot-Watt University's Environment & Climate Change theme. The appointee should be prepared to carry out fieldwork and work at sea on ocean-going research

cruises. Experience with marine mapping and relevant data interpretation (e.g. multibeam echosounder & sidescan sonar) is essential. Prior experience and publication record in macro-ecology or predictive habitat mapping would be an advantage.

The position is based within the School of Life Sciences on the University's Edinburgh campus. Heriot-Watt University has a 100 year tradition of University level higher education, while the School of Life Sciences was recently voted to be within the top three Scottish Universities for Biosciences Education.

Starting salary will depend on qualifications and experience

For informal enquiries please contact Dr J Murray Roberts (j.m.roberts@hw.ac.uk).

Vacancy details

- * Ref no: 209/10/W
- * Department: School of Life Sciences
- * Grade/Salary: £28,983 - £35,646
- * Closing date: 19 Jan 2011
- * Duration: Fixed term 2 years
- * Location: Heriot-Watt University Edinburgh Campus

How to apply

Completed application forms may be returned by e-mail to hr@hw.ac.uk or by post to Heriot-Watt University, Human Resources, Edinburgh EH14 4AS. Tel. +44 (0) 131 451 3475 (24 hours), Minicom +44 (0) 131 451 8212.

Please quote the vacancy reference no. in any correspondence.

For more information see

<http://www.hw.ac.uk/about/careers/job-opportunities/4569.htm>

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SCOR Visiting Scholars

SCOR began a program in 2009 to enlist the services of ocean scientists from the SCOR community, from both developed countries and developing countries, both recently retired and active, to teach short courses and to provide more extended on-site education and mentorship at developing country institutions. Some countries and/or individual institutions have requirements for their scientists to retire at a given age, sometimes as early as 60 years of age. Many retired ocean scientists are still interested in teaching and mentoring, and are supported by pensions after their retirement, so do not need salary support. Some active scientists can also use some of their already-supported work time to serve in a developing country. Hosting visiting scientists, whether retired or active, can have many benefits to host institutions, such as inspiring, motivating, and informing students and faculty, and leading to future collaborations between the visiting scientist and the host institution. The idea of this program is to regularly send ocean scientists interested in short-term visits to developing countries. The program is a partnership, with the host institution providing local accommodation and SCOR finding resources to pay for airfares and other local expenses, as necessary. The participating scientists donate their time. The participating scientists might be onsite for as little as two weeks to as long as visa requirements would allow. The Partnership for Observation of the Global Oceans (POGO) implemented a program focused on ocean observations and modeling (see http://www.oceanpartners.org/index.php?option=com_content&view=article&id=310&Itemid=43). The SCOR program is complementary with the POGO program. Applicants may already have selected a host institution or SCOR will help identify hosts. Previous scholar placements have worked both ways.

Information Required from Potential SCOR Visiting Scholars

Individuals interested in participating in this program should provide the following information:

- Name and contact information of applicant
- Experience in teaching and research – one summary paragraph and short CV
- Languages spoken and written fluently—Many institutions in developing countries seek scientific instruction in English to help prepare them to interact with scientists from the global ocean science community, but may also prefer individuals with some knowledge of their national language.
- Specific teaching and research interests
- Countries/regions of interest
- Willingness to donate time and time of availability
- Coverage by health and accident insurance—Lack of coverage would not rule out any candidate, but would alert SCOR to the need to arrange such insurance. This information will be made available to potential host institutions, but will not be posted on the Web in open-access format.

Information Required From Potential Host Institutions

Institutions interested in hosting a SCOR Visiting Scholar should provide the following information, in a short proposal describing the visiting scientist's term at the host institution:

- Help requested: teaching, mentoring in research, technology assistance, etc.
- Term of service desired, including specific dates
- Local subsistence provided
- Language abilities desired
- Plans by the host institution to build on the training received

Host institutions will be responsible to identify visiting scientists who will best serve the needs of their institutions for capacity building, training, and mentoring.

SCOR will review the applicants and the proposed work assignments at the host institutions. The number of scientists placed each year will depend on the number of applications received and funding available.

Criteria for selection will include the following (based on POGO's experience):

- Quality and relevance of the proposal
- Experience of the candidate and fit with the program (language skills, teaching experience, subject areas requested by the institution)
- Needs of the host institution
- Plans by the host institution to build on the training received

SCOR will provide airfares and local transportation, and for insurance costs for those that do not have insurance. It is hoped that the host institution will provide food and lodging for the Scholar.

SCOR can serve as a broker of the partnerships, but the individual and institution will be responsible to ensure a successful outcome. SCOR will monitor the results of each partnership with a questionnaire to the visiting scientist and the host institution after the visit, to determine the effectiveness of the program and ways to make it more useful. SCOR will make every effort to create a sustainable program.

SCOR is developing the concept of Regional Graduate Education Networks for Ocean Science (see http://www.scor-int.org/RGSO_Design_Principles.pdf) and it is anticipated that retired oceanographers could serve as integral parts of education teams in these networks, together with active scientists from both developed and developing countries.

Applications are due by 31 January 2011 and selections for placement in 2011 will be arranged

as soon as possible after that.

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Marine invertebrate curator position ad Museum Director

The Auckland museum in New Zealand is looking for a new Director and a number of curatorial positions are vacant at the Auckland Museum, among which is a Curator Marine Invertebrates.

The advertisement and position description can be found at <http://www.aucklandmuseum.com/default.asp?a=384&t=384&View=story&jid=99>.

Applications close 21 December 2010.

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Biological Oceanographer position at UC Santa Cruz

The Ocean Sciences Department at the University of California, Santa Cruz invites applications for a tenure-track position at the Assistant Professor level beginning July 1, 2011.

We seek an interdisciplinary oceanographer with interests in trophodynamics or in biological-chemical interactions at the organismal or biogeochemical level. Research approaches of interest range from the use of molecular markers to query metabolic pathways and for identifying zooplankton and their prey, to a combination of lab-based and field-based approaches for investigating the factors that control community structure. The selected candidate's research could encompass marine ecology and microbiology, organismal aspects of biogeochemical cycling, organism-organism interactions, food web interactions, or bio-chemical processes (e.g., trace-metal cycling in plankton). We are particularly interested in biological-chemical oceanographers focused on how chemistry (inorganic and/or organic) shapes the biological response of organisms and how these organisms in turn modify their environment, and in biological oceanographers focused on zooplankton ecology and community dynamics. The successful candidate is expected to teach at all levels, including introductory ocean sciences courses for non-majors and discipline-specific courses for upper division undergraduate and graduate students. A Ph.D. (or equivalent) in oceanography or related discipline, in hand at time of initial screening date; demonstrated potential for

excellence as a researcher; and commitment to and talent for teaching at undergraduate and graduate levels are required.

TO APPLY: Electronic submission is strongly preferred. Applicants should send a letter of application, a curriculum full vitae, a statement of research and teaching interests; and arrange for a minimum of three letters of recommendation to be sent directly by email to oceanographer@ucsc.edu. Please refer to Position #645-11 in your reply.

The position will remain open until filled. Screening will begin with applications received by January 17, 2011. The University of California, Santa Cruz is an Affirmative Action/Equal Employment Opportunity Employer, committed to excellence through diversity. For more information and for the full job ad please see http://apo.ucsc.edu/academic_employment/jobs/645-11.pdf

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Smithsonian 'Peter Buck' Fellowships

From: Norenburg, Jon [<mailto:NORENBUR@si.edu>]

Sent: Friday, 3 December 2010 6:53 a.m.

Colleagues and friends,

I am alerting you to a new Smithsonian fellowship program, the "Peter Buck Fellowship Program," because you or students and post-graduates you know might be interested. The important point is that the new program is for postdoctoral tenures of 2-3 years or graduate tenures of 1-2 years at the Natural History Museum or the Smithsonian Marine Station at Fort Pierce (or combination), and postdoctoral applications must be within 5 years after receiving the PhD. The regular SI postdoctoral tenures are for 1-2 years.

The submission deadline for all is 15 January. Note that all applications are reviewed in the same pool, but I think graduate proposals might fare better with the new Peter Buck program than they did in the past. I expect that about 5 postdoctoral and several(?) graduate fellowships are likely to be awarded, which approximately equals the number of SI postdoctoral fellowships the museum has been getting in recent years.

I sponsor proposals for a variety of phyla (primarily worms), but must be consulted prior to its writing and review it prior to submission. I give preferential support to nemertean research if I receive a suitably high-quality proposal, but I have sponsored or co-sponsored more fellowships for research on other phyla - gastrotrichs, nematodes, sipunculans, and flatworms - including faunistics (not encouraged, difficult to sell), morphology and molecular work.

For full information about Smithsonian fellowships at the National Museum of Natural History see:

<http://www.si.edu/ofg/fell.htm> for general information about SI Fellowships

<http://www.si.edu/ofg/fell.htm#fnmnh> for Peter Buck Fellowships

Best wishes and Happy New Year,

--Jon

Dr. Jon L. Norenburg

Invertebrate Zoology

Smithsonian's National Museum of Natural History

Washington, DC 20560-0163

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Executive Officer Position for Southern Ocean Observing System Office Open for Application

Please see the job announcement at http://jobs.admin.utas.edu.au/positions/pd_package.aspx?PositionId=1705 and circulate it to any colleagues you think might be interested in applying.

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IIASA YSSP 2011: Summer Fellowship Opportunity for Graduate Students

Each summer, the International Institute for Applied Systems Analysis (IIASA), located in Schloss Laxenburg near Vienna, Austria, hosts a selected group of graduate students, primarily doctoral, from around the world in its Young Scientists Summer Program (YSSP). These students work closely with an IIASA senior scientist mentor on a project proposed by the student, related to his or her graduate research.

Fellows selected by IIASA will receive funding to cover travel to IIASA and a modest living allowance.

APPLICATIONS DEADLINE: 17 JAN 2011

2011 YSSP DATES: 1 JUNE - 1 SEPTEMBER

WHAT IS IIASA AND WHAT ARE ITS PROGRAM AREAS?

IIASA is an international institution, supported by the U.S. and 15 other member nations, engaged in scientific research aimed at providing policy insight on issues of regional and global importance in the following fields:

PROGRAM AREAS

- * Energy
- * Transitions to New Technologies
- * Advanced Systems Analysis
- * Ecosystem Services and Management
- * Mitigation of Air Pollution and Greenhouse Gases
- * Evolution and Ecology
- * World Population
- * Risk Policy and Vulnerability

GLOBAL PROBLEM AREAS

- * Energy and Climate Change
- * Food and Water
- * Poverty and Equity

Detailed information about each program is on the IIASA Website: <http://www.iiasa.ac.at/>

WHO SHOULD APPLY?

- You are an advanced graduate student;
- Your field is compatible with ongoing research at IIASA;
- Your research and career would benefit from working alongside 50 or so contemporary young scientists from a score or more of other nations, and senior scientists from around the world;
- You would like to explore the policy implications of your work.

HOW DO YOU APPLY?

An on-line application form, along with more information, is at <http://www.iiasa.ac.at/yssp/register/>

General Questions: Sheila Poor, YSSP Coordinator, poor@iiasa.ac.at

U.S. contact: Margaret Goud Collins, Program Director for the U.S. Committee for IIASA

National Academy of Sciences IIASAyssp@nas.edu

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Postdoctoral Research Opportunities in Marine Calcification, Ocean Acidification and Global Ocean-Climate Change

Postdoctoral Research Opportunities in Marine Calcification, Ocean Acidification and Global Ocean-Climate Change

The Ries Laboratory (<http://www.unc.edu/~jries/index.html>) in the Department of Marine Sciences at the University of North Carolina - Chapel Hill seeks a postdoctoral fellow interested in conducting NSF-funded research on the relationship between global ocean-climate change and marine calcification, to begin Fall 2011. Research will include field investigations of modern (e.g., coral reefs) and/or ancient (e.g., limestones) carbonate systems coupled with laboratory calcification experiments. This opportunity affords access to state-of-the-art analytical equipment, including LA-ICPMS for trace element analysis, XRD for mineralogical characterization, isotope mass spectrometry for $\delta^{34}\text{S}$, $\delta^{13}\text{C}$, and $\delta^{18}\text{O}$, and SEM with microprobe for micro-imaging and elemental mapping. Highly motivated and creative individuals with strong analytical skills are encouraged to apply. Please send a letter of interest, your CV, contact information for 4 references, and reprints of at least 3 publications to Prof. Justin Ries at riesjustin@gmail.com before January 1, 2011.

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Smithsonian Tropical Research Institute: Summer Courses 2011

The Smithsonian Tropical Research Institute's Bocas del Toro Research Station announces two summer classes in systematics and identification of marine invertebrates.

Pan American Advanced Studies Institute: Advanced Tunicate Biology: Integrating Modern and Traditional Techniques for the Study of Ascidians. June 9 - 30, 2011

Taxonomy and Biology of Decapod Crustaceans. August 1-14, 2011.

Fellowships are available.

For more information check http://striweb.si.edu/taxonomy_training/index.html

Lamont Asst Research Professor in Biological Oceanography

Biological Oceanography/Aquatic Biogeosciences Junior Rank (Lamont Assistant Research Professor)
Position at the Lamont-Doherty Earth Observatory of Columbia University.

The Lamont-Doherty Earth Observatory of Columbia University seeks applicants to fill a Lamont Assistant Research Professor (junior level) position in the fields of Biological Oceanography or Aquatic Biogeosciences. Preference will be given to candidates who utilize process-oriented molecular approaches in marine ecology, particularly in areas of phytoplankton physiology/ocean productivity and marine microbiology. The ideal candidate will complement existing strengths at LDEO in fields such as Climate Change and Biogeochemistry. The successful candidate will have an opportunity to play an influential role in the ongoing development of the Biological Oceanography program at LDEO, the new Biogeochemistry Center and its evolving collaborations with other research units at LDEO, the Earth Institute, the Columbia University Dept. of Microbiology, and the Columbia University Genome Center. This position will have access to partial salary support through the Doherty endowment under the new Lamont Research Professor system.

Minimum requirements for the positions are a Ph.D. in related fields, with appointment contingent upon scholarly credentials. Review of applications will begin on the 15th of Jan. 2011

Send a 2-3 page statement of research objectives, names of five referees, and full curriculum vitae to: Ms. K. Carlsen, HR Coordinator, Lamont-Doherty Earth Observatory Of Columbia University, 61 Route 9W, Palisades, NY 10964 or email packet to: personnel@admin.ldeo.columbia.edu

with Search Nbr: 0001834 in the subject line.

Candidates interested in applying for this position can also use quicklink

<https://academicjobs.columbia.edu/applicants/Central?quickFind=54152>

For more information regarding this recruitment, please contact:

Joaquim Goes, Chair of the Search Committee

Lamont-Doherty Earth Observatory,

61 Route 9W, Palisades NY 10964, USA

or by e-mail to: jig@ldeo.columbia.edu

Columbia University is an equal opportunity affirmative action employer.

Women and minorities are encouraged to apply.

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Fuller doctoral and post-doctoral fellowships for marine protected areas

In case you know of someone who may be interested, doctoral and postdoctoral fellowships are available this year for researchers interested in marine protected areas.

Online application forms will be available from November 8, 2010 and the deadline for submission is January 31, 2011.

For more information on the Fuller Doctoral Fellowship, please visit:

<http://www.worldwildlife.org/science/fellowships/fuller/doctoralfund.html>

For more information on the Fuller Postdoctoral Fellowship, please visit:

<http://www.worldwildlife.org/science/fellowships/fuller/postdoctoral-fellowships.html>

For questions or further information, please contact
fullerfund@wwfus.org

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Website: <http://www.hull.ac.uk/iecs/ecsa/index.htm>

Compiled by: Anita Franco (afranco@unive.it)

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