INTECOL 2013

Advancing Ecology and Making It Count

18 - 23 August 2013, ExCel Centre, London, UK

Professor Alastair Fitter
(Chair of the Local Organizing Committee of INTECOL 2013)

The British Ecological Society and INTECOL will hold the 11th International Congress of Ecology during 18-23 August in 2013 at the ExCel Centre in London. The Organizing Committee invites ecologists from across the world to join us in London. The meeting will mix high profile plenary speakers with symposia and workshops that truly move the science forward. On the website of the event, we'll be carrying all the information you need to take part in this truly exciting event. We hope to see you there.

Earlybird registration deadline: 5 May 2013
Invited Plenary Speakers

- Tim Clutton-Brock, University of Cambridge, UK: Behavioural ecology
- Joel Cohen, Rockefeller University, USA: Human microbe interactions
- Sandra Diaz, Córdoba National University, Argentina: Functional role of biodiversity
- Boije Fu, State Research Centre for Eco-Environmental Sciences, Chinese Academy of Sciences: Landscape ecology
- Nancy Grimm, Arizona State University, USA: Urban ecosystems
- Ilkka Hanski, University of Helsinki, Finland: Spatial ecology
- Ove Hoegh-Guldberg, University of Queensland, Australia: Ocean acidification
- Jane Lubchenko, Oregon State University & NOAA, USA: Sustainability
- Georgina Mace, Imperial College London, UK: Biodiversity and conservation
- Martin Nowak, Harvard University, Evolution of cooperation and eusociality
- Susan Trumbore, Max Planck Institute for Biogeochemistry, Germany: Carbon cycle under global change

Symposia

**A critical study of biodiversity studies**
Organiser - Christopher Lortie, York University, Canada
Organiser - Nathan Sanders, University of Tennessee, USA
Organiser - Jens-Christian Svenning, Aarhus University, Denmark

**Altitudinal patterns of biodiversity in a rapidly changing world: time for synthesis**
Organiser - Vojtech Novotny, Academy of Sciences of the Czech Republic / Czech Ecological Society

**Applying ecological science to increase agricultural yield and sustainability**
Organiser - Jacob Weiner, University of Copenhagen, Denmark
Chair - Kelly Lyons, Trinity University, Texas, USA

**Applying the newest synthesis to understand how fast populations will respond to climate change**
Chair - Yngvild Vindenes, University of Oslo, Norway
Co-organiser - Martijn de Pol, Australian National University
Keynote Speech - Tim Coulston, Imperial College, UK

**Biodiversity, ecosystem services and multifunctional landscapes**
Organiser - Jan Bengtsson, Swedish University of Agricultural Sciences
Co-organiser - Lars Gamfeldt, University of Gothenburg, Sweden

**Biodiversity stocks and ecosystem service flows across coastal and shelf margins experiencing multiple sources of change**
Organiser - Martin Solan, National Oceanography Centre, University of Southampton
Co-organiser - David Paterson, Scottish Oceans Institute, University of St Andrews

**Biological invasions: how to reconcile science, management and policy**
Organiser - Peter Pysěk, Academy of Sciences of the Czech Republic / Czech Ecological Society
Climate change and African mountain ecosystems: modelling ecological change at different scales
Organiser - Christine B Schmitt, Albert Ludwigs Universitat, Germany
Chair - Neil Burgess, University of Copenhagen, Denmark
Keynote Speech - Carsten Rahbek, University of Copenhagen, Denmark

Community ecology for infectious diseases
Organiser - Jo Lello, Cardiff University, UK
Chair - Mike Begon, University of Liverpool, UK

Eco evolutionary dynamics and the contemporary convergence of ecology and evolution
Organiser - Richard P Shefferson, University of Georgia, USA
Co-organiser - Rob Salguero-Gómez, Max Planck Institute for Demographic Research, Germany
Keynote Speech - Thomas Schoener, University of California, USA

Ecological consequences of evolutionary changes
Organiser - Patrick Bergeron, Université de Sherbrooke, Canada
Co-organiser - Dany Garant, Université de Sherbrooke, Canada
Co-organiser - Fanie Pelletier, Université de Sherbrooke, Canada
Keynote Speech - Tim Coulston, Imperial College, UK

Ecological research and public policy in southern mega diverse countries: lessons from successes and setbacks
Organiser - Thomas M Lewinsohn, Brazilian Association for Ecological Science and Conservation

Ecosystem services contributing to poverty alleviation
Organiser - Georgina Mace, Imperial College, London, UK
Co-organiser - Caroline Howe, Imperial College, London, UK
Keynote Speech - Katrina Brown, UEA, UK

Emphasising the importance of basic science in ecology
Organiser - Michael E Hochberg, Université de Montpellier, France
Co-organiser - Christophe Thébaud, Université Paul Sabatier, France
Co-organiser - Frank Courchamp, Université Paris Sud, France
Keynote Speech - Robert May, University of Oxford, UK

Evolution in ecological communities - how evolutionary processes shape ecological communities and communities determine the direction on evolutionary change
Organiser - Jennifer Rowntree, University of York, UK
Co-organiser - Jordi Moya-Laraño, CSIC, Spain
Keynote Speech - Ruth Shaw, University of Minnesota, USA

Evolutionary management: sustainable food, health and biodiversity for the next 100 years
Organiser - Peter Søgaard Jorgensen, University of Copenhagen, Denmark
Co-organiser - Scott Carroll, University of California, USA
Keynote Speech - Scott Carroll, University of California, USA

Forest resilience, tipping points and global change processes
Organiser - Christopher Reyers, Potsdam Institute for Climate Impact Research, Germany
Co-organiser - Niels Brouwers, Murdoch University, Australia
Co-organiser - Anja Rammig, Potsdam Institute for Climate Impact Research, Germany
Keynote Speech - Martin Scheffer, Wageningen University, Netherlands
Global change and ecosystem ecology: beyond the study of nutrient cycling
Organiser - Diana Wall, Colorado State University, USA
Co-organiser - Alan K. Knapp, Colorado State University, USA

Global change and multispecies systems: from understanding to prediction
Organiser - Guy Woodward, Queen Mary, UK
Chair - Eoin O’Gorman, University of London, UK
Chair - Lee Brown, University of Leeds, UK
Chair - Bjorn Rall, University of Göttingen, Germany
Keynote Speech - John Harte, University of California, USA

Grassland multifunction under economic high speed development times
Organiser - Nan Zhibao, Lanzhou University, China
Co-organiser - Hou Fujiang, Lanzhou University, China

How can we transform predictive ecology to better meet scientific and societal demands?
Organiser - Matthew Smith, Microsoft Research, UK
Co-organiser - Dylan Z Childs, University of Sheffield, UK
Co-organiser - Attila N Lazar, University of Reading, UK
Co-organiser - Rick Stafford, LIRANS Institute of Research in the Applied Natural Sciences, UK

Integrative island biogeography: new perspectives on a classic theory
Organiser - Ana MC Santos, Universidade de Lisboa, Portugal
Co-organiser - Richard Field, University of Nottingham, UK
Co-organiser - Alan Gray, NERC Centre for Ecology and Hydrology, UK
Keynote Speech - Robert E Ricklefs, University of Missouri, USA

International perspectives from long term research on ecosystem carbon budgets
Organiser & chair - Tiffany Troxler, Florida International University, USA
Organiser - Guanghui Lin, Institute for Global Change Studies, China
Keynote Speech - Rodrigo Vargas, CICESE, Mexico

Island biocultural diversity and traditional ecological knowledge
Organiser: Sun-Kee Hong, Mokpo National University, Korea
Co-Organiser: Gloria Pungetti, University of Cambridge, UK
Co-Organiser: Hiroyuki Matsuda, Yokohama National University, Japan
Endorsement: East Asian Federation of Ecological Societies

Light pollution in an urbanised world: ecological and evolutionary consequences
Organiser & chair - Marcel Visser, Netherlands Institute of Ecology
Co-organiser - Jesko Partecke, Max Planck Institute for Ornithology, Germany
Co-organiser - Kamiel Spoelstra, Netherlands Institute of Ecology
Keynote Speech - Kevin Gaston, University of Exeter, UK

Long term urban ecological studies: linking pattern, process and ecosystem services towards sustainable cities
Organiser - Zhiyun Ouyang, Research Center for Eco-Environmental Services, CAS, China
Co-organiser - Steward Pickett, Cary Institute of Ecosystem Studies, USA
Maintaining top predator populations in the 21st century: ecological channels and opportunities
Organiser - Philip Riordan, University of Oxford, UK
Co-organiser - Claudio Sillero, University of Oxford, UK
Co-organiser - Amy Dickman, University of Oxford, UK
Co-organiser - Andrew Loveridge, University of Oxford, UK

Mechanisms of plant competition
Organiser - David Robinson, University of Aberdeen, UK
Co-organiser - Rob Brook, James Hutton Institute, UK
Co-organiser - Claire Trinder, University of Aberdeen, UK

Multilevel transmission processes in disease transmission: blending models and data
Organiser - Mike Boots, University of Exeter, UK
Co-organiser - Ken Wilson, University of Lancaster, UK
Co-organiser - Stephanie Godfrey, Murdoch University, Australia

Natural forest succession in the tropics - lessons and implications for tropical forest restoration
Organiser - Daisy Dent, University of Stirling, UK
Chair - Simon Queenborough, Ohio State University, USA

New insights from new methods in ecology and evolution
Organiser - Rob Freckleton, University of Sheffield, UK
Keynote Speech - Luke Harman, University of Idaho, USA

Not just for geeks: broadening scope and participation in predictive ecology
Organiser - Matthew Smith, Microsoft Research, UK
Co-organiser - Dylan Z Childs, University of Sheffield, UK
Co-organiser - Attila N Lazar, University of Reading, UK
Co-organiser - Rick Stafford, LIRANS Institute of Research in the Applied Natural Sciences, UK

Phenology and climate change: perspectives from ecosystems across the International Long Term Ecological Research Network (ILTER)
Organiser - Jianwu Tang, Marine Biological Laboratory, USA
Chair - Kristen Vanderbilt, University of New Mexico, USA
Keynote Speech - Tim Sparks, University of Cambridge, USA

Plant functional ecology and vegetation modelling in a new data rich world
Organiser - Jens Kattge, Max Planck Institute for Biogeochemistry, Germany
Chair - Sandra Lavorel, CNRS, France
Co-organiser - Sandra Diaz, Universidad de Cordoba, Argentina
Co-organiser - Franziska Schrod, University of Minnesota, USA
Co-organiser - Cornelia Krug, DIVERSITAS & Université Paris Sud, France
Keynote Speech - Colin Prentice, Macquarie University, Australia

Plant invasion success: trait based analyses and prediction
Organiser - Ming Dong, Hangzhou Normal University, China
Co-organiser - Wei-Ming He, Institute of Botany, Chinese Academy of Sciences, China
Co-organiser - Feihai Yu, Beijing Forestry University, China
**Predicting and protecting marine biodiversity and ecosystem in a high CO₂ world**  
Organiser - Stephen Widdicombe, Plymouth Marine Laboratory, UK  
Chair - Jean Pierre Gattuso, CNRS-UPMC, France  
Co-organiser - James P Barry, Monterey Bay Aquarium Research Institute, USA  
Keynote Speech - J Emmett Duffy, The College of William and Mary, USA

**Putting applied ecology into practice: knowledge and needs for the 21st century**  
Organiser - Philip Hulme, Lincoln University, New Zealand  
Co-organiser - EJ Milner-Gulland, Imperial College, UK  
Keynote Speech - Peter Kareiva, The Nature Conservancy, USA

**Reinvigorating macroecology with process based approaches**  
Organiser - Sally Keith, James Cook University, Australia  
Co-organiser - Sean R Connolly, James Cook University, Australia  
Keynote Speech - Brian McGill, University of Maine

**Soil biodiversity and ecosystem function: recent advancement and new challenges**  
Organiser - Richard Bardgett, University of Lancaster, UK  
Co-organiser - Wim van der Putten, Netherlands Institute for Ecology

**The effects of large scale manipulations of tropical forests on arthropod assemblages**  
Organiser - Yves Basset, University of South Bohemia, Czech Republic  
Co-organiser - Tom Fayle, University of South Bohemia, Czech Republic  
Keynote Speech - Robert M Ewers, Imperial College, UK

**The Forest Microbiome: how microbes shape the structure and function of forest ecosystems in a changing world**  
Organiser - Jenny Talbot, University of Minnesota, USA  
Co-organiser - Emma J Sayer, Open University, UK  
Keynote Speech - Teri Balser, University of Florida, USA

**The future of ecological possibilities in citizen science**  
Organiser - Jennifer Shirk, Cornell University, USA  
Co-organiser - Jonathan Silvertown, Open University, UK

**The tree of life in ecosystems: evolution of plant effects on carbon and nutrient cycling**  
Organiser - Johannes Cornelissen, VU University Amsterdam, Netherlands  
Co-organiser - William K Cornwell, VU University Amsterdam, Netherlands  
Co-organiser - Peter B Reich, University of Minnesota, USA

**Threats to an ecosystem service: evaluating multifactorial pressures on insect pollinators**  
Organiser - Adam J Vanbergen, NERC Centre for Ecology and Hydrology  
Co-organiser - Simon G Potts, University of Reading, UK  
Co-organiser - Matt S Heard, NERC Centre for Ecology and Hydrology  
Keynote Speech - Claire Kremen, University of California, USA

**Tools to enhance landscape resilience to human impact**  
Organiser - Andrzej Kedziora, Polish Academy of Sciences  
Co-organiser - Andrzej Mizgajski, Adam Mickiewicz University, Poland
Global Forum

Island Biocultural Diversity Initiative

Sun-Kee HONG1*, Luisa MAFFI2, Gonzalo OVIEDO3, Hiroyuki MASTUDA4, Jae-Eun KIM1,
1Institution for Marine & Island Cultures, Mokpo National University, Korea; 2Director, TerraLingua, Canada;
3Senior Adviser for Social Policy at IUCN; 4Yokohama National University, Japan;
*Board member and editor of e-bulletin of INTECOL

Island, biodiversity and peoples

Article 8 of the Convention on Biological Diversity highlights the importance of the participation of local residents and traditional knowledge in ensuring the sustainable use and conservation of biodiversity. The 4th IUCN World Conservation Congress (WCC) held in Barcelona of Spain in 2008 included an event on ‘biodiversity and local residents’. The WCC has approved the International Union for the Conservation of Nature (IUCN)’s program designed to develop awareness of the importance of the cultural diversity and cultural values connected to nature, as well as of the residents and traditional knowledge that connect nature and cultural diversity.

Islands have never drawn as much attention at the global level as is currently the case. Islands not only constitute a link to the mainland, but also represent the basis of biological resources and human life. While a ‘small island’ may be inhabited, the surrounding sea areas are nevertheless home to numerous biological and

Figure 1. Island has been playing important roles for creating new disciplines as well as culture and civilization (photo by SK HONG)
energy resources. Citizens the world over have increasingly focused their attention on the important hubs known as seas and islands. Contrary to terrestrial ecosystems, islands boast unique ecosystems created by differing biodiversity, a denouement which in turn is dependent on oceanic climate, or the presence of warm or cold currents (MacArthur and Wilson 1967). Islanders have lived their lives based on the unique geographical characteristics and biological resources created by differing sea currents and the ebb and flow of the tide. As such, island spaces have provided the foundation for the complex ecological knowledge pertaining to the relationship between terrestrial and sea areas. The process through which people have adapted to and sustainably used the resources available to them amid limited spaces and poor environments, as well as the traditional knowledge created during the adaptation process, are regarded as the prototype and driving force for the creation of biocultural diversity. However, more efforts should be made to develop and study the traditional ecological knowledge of local residents who have used biological resources in a sustainable manner as a means to respond to rapid changes in the global environment such as global warming.

**Island Biocultural Diversity Initiative**

Recent changes in the ecosystem have included changes in fishing grounds caused by climate change at the global level, increased sea levels, excessive development, marine pollution, and natural disasters. Small islands in the Asia-Pacific area have experienced a decline not only in terms of biodiversity, but also with regards to local cultures. International organizations such as the IUCN, UNESCO, and CBD have been cognizant of the mutual relationship between the biodiversity and the cultural diversity of islands. They have used the term ‘bioculture’ to facilitate the conceptualization of the characteristics of human life’s efforts to adjust to various biological environments (Maffi and Woodley 2010). The academic sector has interpreted and used this term in a more broadened manner. The sustainability of islands is only possible when the ‘biosphere’ that constitutes the environmental ecosystem of islands and ‘culture’, which represents the human social system, coexist and show a balance between one another. However, discussions regarding the evaluation of, and indicators for, the sustainability of islands in the Asia-Pacific area that includes Korea have remained limited. Given the fact that we have reached the point in time where it has become necessary to improve the life environments of islands vulnerable to global climate changes such as rising sea levels occasioned by the changes in marine climates, changes in agricultural and fishery areas base caused by changes in the island environment, and natural disasters such as earthquakes and tsunamis, efforts should be focused on the conservation of the ecosystems of islands and coastal areas, the establishment of an economic basis for island residents, and the actualization of a qualitative economic system. The biological and cultural resources possessed by the Dadohae constituting the representative island area on the Korean peninsula located in the western and southern areas of Korea must be conserved and used in order to improve the quality of life of island residents and share the ecological values with the global world (Hong 2012). The 5th IUCN World Conservation Congress (WCC) held in Jeju in September 2012 discussed the conservation of biodiversity and the sustainable use of cultural resources in islands-coastal areas that are highly vulnerable to climate change and development process. The motion of "Strengthening Biocultural Diversity and Traditional Ecological Knowledge in Asia-Pacific Island Regions" was introduced and accepted as IUCN Resolution 5.115. In addition, the "Island Biocultural Diversity Initiative" was launched as part of the workshop held during the IUCN World Conservation Congress (Figure 2).

**Goal**

Biological organisms and culture have different attributes. However, human civilization has developed in a manner that has been dependent on nature, with the two developing a fatefully dependent relationship in which man cannot exist without natural resources. The term of ‘biocultural diversity’ was created to denote coexistence between man and nature. As such, there can be no denying that man and nature have existed in a mutually dependent relationship, and have interacted with one another and complemented each other within the ecosystem. However, the time has come for the government, researchers, citizens and specialists to fully...
comprehend that this connectivity has declined amid the rapidly changing global environment, reckless development, and the decrease in biodiversity. As evidenced by a look at human history, man’s future survival will be greatly dependent on biodiversity. The eco-cultural flexibility and sustainability stemming from the mutual relationship between biodiversity and cultural diversity will be used as a harmonious coexistence model featuring an ecosystem that can support man’s continued existence. In 2014, CBD COP12 will be held in Korea. We hope that our activity of <Island Biocultural Diversity Initiative> will be expanded to a global network in cooperation with INTECOL members during CBD COP12. During the upcoming INTECOL 2013 in London, we will have a symposium on this issue endorsed by the East Asian Federation of Ecological Societies (EAFES).

References
Meetings and Congresses

1. 11th Congress of the Spanish Association of Terrestrial Ecology

“Invitation to Ecology: Strengthening ties with Society”

The community of ecologists in Spain is honored to inform you about the upcoming celebration of the 11th Congress of the Spanish Association of Terrestrial Ecology (AEET), which will be hosted by the Public University of Navarre (Pamplona, Spain), from May 6th to May 10th, 2013. This meeting is held every two years and its aim is to promote an effective transfer of knowledge and main conclusions of the recent research in the ecology and environment field among scientists and specialists, but also among other segments of the society. This edition is focused on the necessary mutual acknowledgement between ecologists and the rest of society. Society evolves faster than ever, in a context of global crisis with deep ecological, economic and social roots, but also with opportunities for a more balanced development around a new green economy. The meeting will host 11 scientific sessions covering a large part of the topics that are relevant nowadays in the ecology field. There will be five plenary talks by speakers of international prestige and impact. In addition, and as a novelty from other scientific conferences, there will be several activities open to the general public: divulgative talks, video and photograph contests and expositions. In addition, complementary activities such as technical workshops, field trips, etc. will be held pre- and post-conference, as well networking activities for the attendants. The expected attendance will be delegated not only from all over Spain, but also from Latin America and southern Europe.

The 11th AEET Congress’s motto is “Invitation to Ecology: Strengthening links with Society”, highlighting the commitment of the ecological scientific community to facilitate transferring our message to society. In this sense, the AEET is making an increasing effort to disseminate ecological knowledge and to increase awareness on environmental issues, both at local and global scale. We hope this Congress will be a boost to keep moving along this way, presenting the latest scientific advances in Ecology, and providing an opportunity to share these researches with society. We hope to see you at the event.

Dr. Fernando Valladares
AEET President
Plenary speakers
1. Dr. Pedro Jordano
   Doñana’s Biologic Station
   Spanish National Research Council (CSIC) (Spain)
2. Dra. Anna Traveset
   Mediterranean Institute of Advanced Studies
   Spanish National Research Council (CSIC) (Spain)
3. Dr. Lohengrin Cavieres
   Faculty of Natural and Oceanographic Sciences
   University of Concepción - Institute of Ecology and Biodiversity (Chile)
4. Dr. Stefan Schnitzer
   Department of Biological Sciences
   University of Wisconsin - Milwakee (USA)

Scientific sessions (May 7th-9th)
- Autoecology and population ecology
- Ecology of interactions and communities
- Energy and matter cycles and fluxes
- Quercus: decay, regeneration and management in the global change
- Population ecogenetics
- Emerging applications of dendrochronology in ecology
- Stable isotopes and ecological processes
- Alpine ecology in the Iberian Peninsula: present situation and future challenges
- Tropical ecology
- Recent advances in macroecology
- Innovation in university education and divulgation of ecology

Open symposium “Ecology and Society” (May 7th, 9th)
- Open talk: “Conservation and management of old trees and old-growth forests”
- Speakers:
  - César-Javier Palacios: Félix Rodríguez de la Fuente Foundation
  - Oscar Schwendtner: Association of Friends of Old Trees / Genea Consulting
- Panel discussion “Should we worry about global warming and global change?”
- Forum for Sustainability of Navarre (Co-Hosted by CRANA): “Reflections postRio + 20 and the Green Economy”

Other activities:
- Pre-Congress workshops (May 6th)
  - Initiation course to statistical modeling.
  - Basic ideas on the use of ecological models for simulation.
- Post-Congress field trips (May 10th)
  - Natural Reserve of Arbayún y Larra (Spanish western Pyrenees)
  - Natural Park of Urbasa - Andia (Atlantic humid silvo-pastoral area)
  - Biosphere Reserve of Bardenas Reales (Mediterranean arid landscape)

Congress website: http://www.aeet.org/XI_Congreso_Nacional_de_la_AEET_186_p.htm

2. ECSA 53 and Ocean & Coastal Management

Estuaries and coastal areas in times of intense change
13 - 17 October 2013, Shanghai, China

The Estuarine & Coastal Sciences Association (ECSA) is an international organization dedicated to the promotion and advancement of multidisciplinary research into all aspects of estuaries and coasts, and the application of science and technology for their sustainable environmental management.
Our missions are:
- to promote excellence in estuarine and coastal marine science, technology and management;
- to focus on promoting young scientists and early-career academics;
- to actively engage in global outreach with an emphasis on developing countries;
- to enhance the privileges of membership.

ECSA, founded in 1971, has been involved in the organization of more than 50 conferences to date, averaging one or more major events each year. Conferences have been held worldwide with future events planned for South Africa, China and various locations across Europe. ECSA has also supported many local meetings concerning individual estuaries or coastal areas. It also arranges specific scientific workshops dedicated to advanced training in contemporary methods for data collection and analysis.

ECSA's next major Symposium, ECSA 53 will take place in partnership with the State Key Laboratory of Estuarine and Coastal Research (SKLEC) at East China Normal University, Shanghai, China. The close links between ECSA and Elsevier (Estuarine Coastal and Shelf Science) have already proven to be very beneficial and based on that historical success we propose to further intensify our long lasting co-operation. This time this co-operation is to organize a meeting in a part of the world from where we expect further excellent scientific results: China. The fast economic growth and related human activities in China during the last few decades are dramatically influencing the environment, from river catchments to estuaries and seas; and natural phenomena further amplify these effects. One of these rapidly changing systems is the Yangtze estuary, with Shanghai, the largest city in China, located close to it.

The Yangtze is the 3rd largest river in the world, and constitutes an excellent case study for large scale impacts on ecosystems due to human activities and an excellent place for one of the major global events in 2013.

Conference Topics
- Functioning of estuarine and coastal waters
- Estuarine Wetlands, their understanding, restoration, rehabilitation, filter function and role in human health
- Inputs to aquatic ecosystems of contaminants, nanoparticles, nutrients; partitioning, bioavailability, bioaccumulation and health
- Coastal water - Catchment links, implications and sustainable solutions
- Eutrophication, anoxia and harmful algal blooms
- Environmental challenges and remediation in view of climate change and related phenomena
- Geomorphological, physical and ecological effects of engineering constructions within estuarine systems and coastal waters
- Estuarine ecosystem health and governance
- EMECS Session "Environmental Management of Enclosed Coastal Seas"
- Quantifying economic and ecological sustainability
- Economic development and ecological and socio-cultural risks: the socio-cultural-economic-ecology interface
- Technical developments in detecting change and managing heavily modified estuaries
- Strategies and Tools for improved estuarine management
- Special Session/Workshop “Writing, refereeing and publishing scientific papers”

Website: http://www.estuarinecoastalconference.com/

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Announcing the 2013 Tyler Prize Laureate

Diana H. Wall
University Distinguished Professor and Professor of Biology
Director, School of Global Environmental Sustainability
Colorado State University

The Tyler Prize Executive Committee announces the awarding of the 2013 Tyler Prize for Environmental Achievement on its 40th anniversary to Professor Diana H. Wall. Professor Wall is recognized for her world-spanning research and for passionate, innovative communication across generations on the vital components of soil; integrating plant pathology, species invasions, climate controls, hydrological cycle impact and physical processes into an understanding of biological functions, diversity and ecosystem services of this foundation element of environmental and human wellbeing.

Wall will be celebrated in a private award ceremony in April in Washington D.C.

There will be a Laureate Lecture on April 17, 2013 at the American Association for the Advancement of Science (AAAS) Building. The event is open to the public, although seating is limited. For more information or you would like to attend the lecture, please contact Amber Brown at amberb@usc.edu or call (213) 740-6559.

The Tyler Prize was established in 1973 by John and Alice Tyler as an international award honoring the achievements in environmental science, environmental health and energy of worldwide importance conferring great benefit on humanity. The Tyler Prize consists of a cash award of $200,000 and a gold Tyler Prize medallion.

For information on the 2013 award or 2014 nomination procedures contact:
Amber Brown, Administrator, The Tyler Prize
Phone (213) 740-9760 • Fax (213) 740-1313
Email: tylerprz@usc.edu • Website: www.tylerprize.usc.edu

The Tyler Prize is administered by The University of Southern California
INTECOL, International Association for Ecology

INTECOL is affiliated with the ICSU family of scientific organizations as the section responsible for general ecology within the International Union of Biological Sciences (IUBS). The association will assist and/or support the development of the science of ecology and the application of ecological principles to global problems, especially by assisting international cooperation; the collection, evaluation and distribution of information about ecology; national, regional and international actions which will serve ecological research, training of personal, coordination of general publications of ecological principles and the recognition of the importance of ecology for economy and society; the organization of conferences, meetings, symposia, programs and projects, conduct of speaking-series, publication of manuscripts, and measures which are deemed necessary to reach the goals of the association.

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