



## The International Project Office of Future Earth Coasts at [MaREI](#) is paving the way for global cooperation and partnering for coastal sustainability.

Thank you for signing up to our mailing lists. For those of you that haven't been following us on Twitter, Facebook and LinkedIn here below are some updates of what we've been up to these first months of 2017. Thanks for your continued support and for being part of our community and we look forward to continuing the conversation throughout 2017.

### WHERE HAVE WE BEEN AND WHAT'S BEEN HAPPENING?

#### CHINA | Xiamen | XMAS-III | January 2017

FEC IPO's Scientific Officer Shona Paterson had Xmas in January. The Third Xiamen Symposium on Marine Environmental Sciences (XMAS-III) with the overarching theme The Changing Ocean Environment: From a Multidisciplinary Perspective was held from January the 9-11th, 2017. The symposium was made up of a variety of interconnected sessions covering physical oceanography, marine biogeochemistry, biological oceanography, and marine ecotoxicology along with workshops for emerging topics in marine environmental sciences. In addition to this broad range of sessions, keynote talks on marine productivity, biogeochemical processes and temperature, and ocean acidification were also given. [Read more ...](#)

#### BELGIUM | Brussels | EMODNet | February 2017

SSC Co-Chair Val Cummins delivered keynote talk at EMODNET- [The importance of data and information for users of ocean and coastal space and the role of industry of users and providers of marine data](#). The EMODNet Sea Basins Checkpoint Stakeholders Conference, which brought together over 200 participants, was held in Brussels on 14th and 15th February 2017. The conference had a mix of plenary and workshop sessions. It brought together EMODnet experts and interested stakeholders to consider whether marine data collected via current observation and monitoring activities in Europe serve the needs of those who rely upon marine knowledge derived from observations and monitoring data. Experts from the Baltic, Mediterranean, North Sea, Atlantic and Arctic attended from scientific communities spanning ocean observation to data science. [Read more ...](#)

#### SENEGAL | Dakar | OA Senegal | February 2017

Co-organised by Future Earth Coasts, Martin Le Tissier (IPO Executive officer), Shona Paterson (IPO Science Officer) and Barry O'Dwyer (MaREI) were part of a team of trainers and facilitators from Sweden, the USA, France, Ireland, Spain, South Africa and Namibia who travelled to Dakar to hold an Ocean Acidification workshop and networking event. Sometimes the literal meaning of words do not do justice to the ethos and outcome of an event. Yes, this was technically just a workshop that incorporated a training and a networking pathway but the reality surrounding OA-Senegal paints a different picture. From the 13th-16th of February at the Ecole Superieure Polytechnique of the Universite Cheikh-Anta-Diop in Dakar, Senegal, the OA-Africa Network had their first face-to-face meeting to discuss mechanisms for knowledge exchange between ocean acidification scientists across Africa and to build momentum for scientific action. In addition to the network activities, fifteen early-career scientists, graduate students, technicians, and managers underwent practical training in the theory and implementation of ocean acidification research. Specifically designed to build capacity in West Africa, participants hailed from Benin, Cameroon, Ivory Coast, Nigeria, Senegal, Ghana, and Togo. [Read more ...](#)

#### TAIWAN | Taipei | Belmont Forum Asia Food-Energy-Water Nexus Scoping Workshop | February 2017

SSC Co-Chair Bruce Glavovic gave a key note speech and was also part of a panel discussion with Dr. Maria Uhle (Program Director for International Activities, NSF) on Theme 1: Robust Knowledge,

Indicators and Assessments, Theme 2: Multi-level Governance and Management of the Food-Energy-Water Nexus & Theme 3: Managing Potential Strategies and Solutions to address emerging Risk and Trade-offs at the intersection of Urbanization and the FEW Nexus.

#### FRANCE | Paris | Transdisciplinary Research Meeting | February 2017

A number of guest blogs by Bill Dennison from [IAN-UMCES](#), University of Maryland [available as part of the blog posts on the FEC website soon – [watch this space](#)]

#### GERMANY | Bremen | Ocean Governance for sustainability workshop | March 2017

Oceans, seas and coastlines within regional waters, and the high seas. These spaces are all biologically, culturally, politically and socio-economically entwined. They also provide essential services and yet are vulnerable to human impacts. Drawing together scientists from a wide range of disciplinary and technical backgrounds, presentations encompassing seven major themes were delivered. FEC gave the closing presentation - **Determining sustainability options for coastal zones highlighting the importance of the SDG's** at this event hosted by ZMT between the 6-8th of March. [Read more ...](#) This workshop was Part of the COST Action Ocean Governance for Sustainability - challenges, options and the role of science CA15217. **More on the COST action can be found [here](#).**

#### FRANCE | Paris | IOC-UNESCO MSP Conference | March 2017

Martin as well as a team from MaREI 's [SIMCELT project](#) participated in the [#MSPParis2017](#) held at the UNESCO headquarters from 15-17 March. Bringing together experiences from around the world on Marine/Maritime Spatial Planning. Blog post soon available on the [FEC website](#).

#### BRAZIL | Vitoria | International conference on Ecohydrology for security of aquatic ecosystems and societies | March 2017

The FEC South America REP's Prof. Carlos Eduardo de Rezende and Prof. Marcos Antonio Pedlowski were part of the organising committee. The authors of the oral presentations and posters selected by the Scientific Board were also [invited to submit papers](#) to the Elsevier Journal Ecohydrology & Hydrobiology. More information about the conference is available [here](#).

#### In case you missed it....some of the blog posts on meetings & events from the end of 2016

##### USA | San Francisco | Synthesis workshop on coastal vulnerability & freshwater security projects

convened by the [Belmont Forum](#) with FEC IPO's Shona Paterson and Martin Le Tissier as co-hosts of a joint workshop with [The Integration and Application Network's](#) Bill Dennison, Heath Kelsey and Vanessa Vargas .

A dozen project teams from around the globe addressing complex coastal vulnerability and freshwater security issues were present. An output of the workshop has been to produce a summary of each of the projects, identifying common themes and provide recommendations for future Belmont Forum projects. Read the blog posts on this event [here](#).

##### SWEDEN | Stockholm | Future Earth Coasts Arctic REP Michelle Slaney took part in the

[Transdisciplinary research and co-design in practice](#) workshop held in Stockholm. They provided training in transdisciplinary skills and co-design methodology, the main steps required to prepare a stakeholder interaction plan for a research project, and the principles of knowledge co-production. Importantly, the workshop afforded the opportunity for participants to apply these learnings and processes to their own projects, one key feature that made this workshop so valuable and successful. *"Having the possibility to work on and discuss one's own project with the trainers (and other participants), who were clearly experts in the field of transdisciplinary research, co-design and co-production, and receive their immediate and direct feedback/guidance was fantastic."* [Read more](#)

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## FUTURE EARTH COASTS REGIONAL ENGAGEMENT PARTNERS

Two more Regional Engagement Partners represented on the Future Earth Coasts website. Read more about them on their pages here:

[The North America REP](#) | Louisiana State University, College of the Coast and Environment

[The South America REP](#) | The Environmental Sciences Laboratory (ESL) at the Biosciences and Biotechnology Center and Anthropic Space Studies Laboratory (ASSL) at the Human Sciences Center part of the Universidade Estadual do Norte Fluminense (UENF)

More on all the [Future Earth Coasts REP's here](#).

## PUBLICATIONS

[Sustainability of future coasts and estuaries: A synthesis](#) | Edited by Alice Newton, Jan Harff, Zai-Jin YOU, Hua Zhang and Eric Wolanski | [Find out more...](#)

[Best practice guide to engage your coastal web atlas user community](#) | Editors: Kathrin Kopke and Ned Dwyer | [Free download & find out more...](#)

[Size does matter: City scale and asymmetries of climate change adaptation in three coastal towns](#) | Authors: Shona K. Paterson, Mark Pelling, Lucia Hidalgo Nunes, Fabiano de Araujo Moreira, Kristen Guida, Jose Antonio Marengo | [Read full article...](#)

[You Can't Eat Biodiversity: Agency and Irrational Norms in European Aquatic Environmental Law](#) | by Tim O'Higgins | [Read the full article ...](#)

## COMING UP ...

**Arctic Science Summit Week 2017** | A joint [IMBeR](#)/ESA/[MaREI](#)/FEC workshop on continental margins as well as the FEC Arctic REP's project [CACCON](#) meeting will both take place during this Arctic Science Summit. Both Michelle Slaney & Don Forbes of the [FEC Arctic Node](#) as well as IPO's Martin Le Tissier and MaREI's [Eimear Tuohy](#) of the Earth Observation team will be in the Czech Republic as part of the events. Blog posts and more information will be made available on the FEC & MaREI website's in the meantime check out the [conference website](#) for more information.

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## JOIN THE CONVERSATION:

We are committed to building a network to connect global knowledge covering all aspects of coastal zones of the World to intensify the impact of research and find new ways to accelerate sustainable development. We promote the active collaboration between nations, disciplines, programmes, researchers and stakeholders to ensure knowledge is generated in partnership with society and users of science. To stay up to date with Future Earth Coasts news please also visit our website: [www.futureearthcoasts.org](http://www.futureearthcoasts.org) and follow us [@FECoasts](#) like us on [Facebook](#) and connect with us on [LinkedIn](#).

We are first and foremost a community and welcome all disciplines of the scientific community, policymakers, managers and stakeholders interested in any aspect of global environmental change in the coastal zone to become part of our network and community. Please use our [ONLINE SIGN UP FORM](#) and become part of the Future Earth Coasts community.