

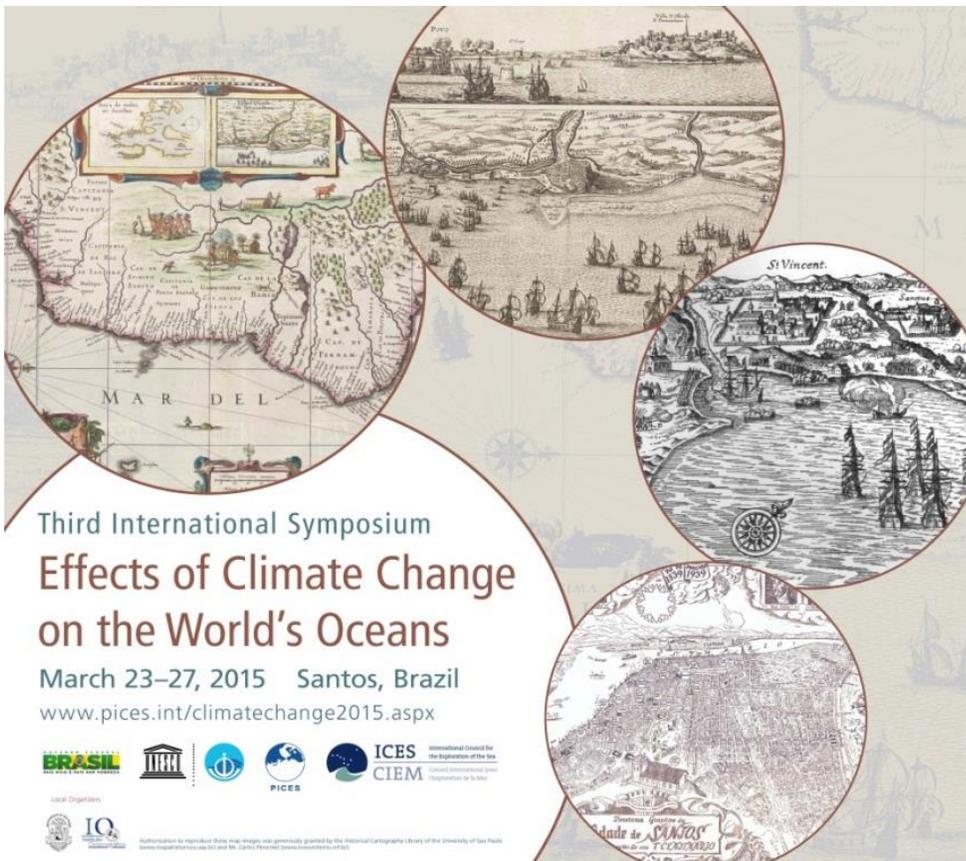
3rd International Symposium on “Effects of climate change on the world’s oceans”

Twelve scientific sessions and six workshops will take place at the 3rd International Symposium on the “Effects of climate change on the world’s oceans”, to be held March 23–27, 2015 in Santos, Brazil. This meeting continues a series of climate change focused meetings (2008: Gijón, Spain; 2012: Yeosu, Korea) coordinated by the International Council for the Exploration of the Sea (ICES), the North Pacific Marine Science Organization (PICES) and the Intergovernmental Oceanographic Commission of UNESCO (IOC-UNESCO). **Deadline for early registration rates and abstract submission is October 31, 2014.** Details about the meeting are available at www.pices.int/climatechange2015.aspx. Selected papers (oral and poster) from the symposium will be included in a special issue of the *ICES Journal of Marine Science* (www.ices.dk/products/icesjournal.asp) scheduled for publication in 2016. In addition, it is anticipated that selected sessions and workshops will develop their own proposals for special volumes. Below, two of the symposium convenors have expressed the importance of this meeting and why you should attend:

Jacquelynne King (PICES): As a natural scientist that provides scientific advice for marine resource management,

climate change impacts on the oceans is a personal interest. These impacts have been evident in my own research, from warming trends in sea surface temperature time series to changes in fish community composition. Along the Pacific coast of Canada, these observed changes have had major consequences for the coastal communities and stakeholders that utilize marine ecosystem services: both as lost resources and as opportunities for new resources. Sustainable management of marine resources in the face of climate change requires quantification of uncertainty and risk in our climate, ocean and ecosystem modeling and forecasts. This symposium continues to build on the latest developments and innovations in these fields and bridges to the human dimensions of climate change impacts, with a focus on coastal communities, management objectives and governance adaptation. It will be an integrated forum for physical, natural and social scientists from around the world, providing the opportunity to present research on a suite of climate change pressures and system responses including advection, nutrient transport, ocean acidification, carbon pumps, phenology, biodiversity, resilience, and evolutionary adaptation. It is a unique opportunity to advance, discuss and debate the scientific understandings of climate change effects on marine systems in conjunction with the forethought to the societal implications of reliance on those systems’ services.

Luis Valdés (IOC): Since its creation, the IOC-UNESCO has played a pivotal role in the development of oceanography at an international level providing mechanisms to guide and complement ongoing research by nation states. At the IOC we are convinced that climate change is not only a challenging scientific issue that has developed a corpus of observations, models and hypothesis on possible consequences affecting critical processes for the functioning of Earth’s ecology, but also has had a dragging effect in other disciplines that have modified the approaches to classical topics such as risk analyses, socio-economics, ethics and politics, energy,



natural resources management, geo-engineering and even evolution, which are now addressed under a different perspective. The scientific debate has moved very fast from observations to impacts and from impacts to discussion on potential mechanisms to mitigate and adapt to this new reality. This was likely in accordance to the fact that there was, and still is, an urgent need for actions to minimise the impacts of global warming, and obviously the decisions must be based on credible scientific knowledge. The debate on climate change needs input from science as one of the essential elements, and symposia like this, that bring together experts from different disciplines to exchange

observations, results, models and ideas are crucial to consolidate our understanding and knowledge at a global scale.

This 3rd International Symposium on the “*Effects of climate change on the world’s oceans*” aims to deliver new insights into the ways in which climate change and variability is affecting marine ecosystems, especially in Latin America and the Southern Hemisphere, reduce the scientific uncertainty behind environmental change and provide a solid basis for future comparisons and research.

Join us in Brazil next March!

PICES Interns



We are pleased to announce that Ms. Anna Skvortsova joined the Secretariat in July as the 2014 PICES Intern. Anna was born and raised in Vladivostok in the Russian Far East. She graduated from the Far East State University in 2004 and was immediately employed by the Pacific Scientific Research Fisheries Centre (TINRO-Centre). She has worked at the International Department and was engaged in preparation of the PICES Annual Meetings held in Vladivostok in 2005 and in Khabarovsk in 2011. Anna was in charge of coordination and implementation of international cooperation based on bilateral agreements between the Russian Federation and the Republic of Korea, People’s Democratic Republic of Korea, and People’s Republic of China. She enjoys travelling, spending spare time with her close and dear people, attending the francophone meetings supported by *Alliance Francaise* and participating in meetings of the Young Entrepreneurs Center. She has a great interest in embroidery, baking and dancing.



We extend our sincere appreciation to Mr. Keyseok Choe, who completed his term as PICES intern with the Secretariat in June 2014 and who has returned to Korea where he is now working as Supervisor of the General Affairs Team at the East Sea Research Institute of the Korea Institute of Ocean Science and Technology (KIOST). Keyseok was of valuable assistance in day-to-day activities at the office as well as helping with activities at PICES-2013, the FUTURE Open Science Meeting, and the 2014 PICES Summer School. We wish the best for Keyseok in his career.

PICES Press

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