

## 3rd Joint Seminar on Environment and Climate Change

**Dates: 8th – 10th July 2013**

Seminar included within the international activities carried out by the International Campus of Excellence of the Sea (CEIMAR), the International Network of Chairs in Environment and Climate Change of the Siberian Federal University, Arcopol-plus Network and the Russian-Spanish University Centre

**Centro Andaluz de Ciencia y Tecnología Marinas**  
Campus de Puerto Real, Universidad de Cádiz



**Organization and Collaborations:**



Universidad de Cádiz



СИБИРСКИЙ ФЕДЕРАЛЬНЫЙ УНИВЕРСИТЕТ  
SIBERIAN FEDERAL UNIVERSITY



Centro Andaluz de Ciencia y Tecnología Marinas



AUHR РИУЦ  
Universidad de Cádiz  
Университет Кадиса



### Program

**8th  
Monday**

10:00-10:20	<b>Opening</b> José María Quiroga Alonso, Dean of the Faculty of Marine and Environmental Sciences Juan Carlos García Galindo, general director of International Relations
10:20-10:40	<b>Internacionalization policy at UCA</b> Juan Carlos García Galindo
10:40-11:00	<b>CEIMAR: Present prospects and challenges</b> Alfredo Izquierdo González
11:00-11:30	<b>Laboratory of Bioluminescence of the Siberian Federal University</b> Valentina Kratasyuk
11:30-12:00	COFFEE-BREAK
12:00-12:30	<b>Centro Andaluz de Ciencia y Tecnología Marinas (CACYTMAR): involvement in marine renewable energies</b> Miguel Bruno Mejías
12:30-13:00	<b>International Doctoral School for Sea Studies (EIDEMAR)</b> Fidel Echevarría Navas
13:00-13:30	<b>Postgraduate Programmes at SFU</b> Valentina Kratasyuk

**9th  
Tuesday**

14:00-15:00	LUNCH
18:00	<b>Guided walk (in Russian) through Cadiz</b>
10:00-10:20	<b>Feasibility of instant diagnosis of marine coastal waters by plankton bioluminescence</b> Yuriy Chugonov
10:20-10:40	<b>Circumnavigation expedition Malaspina 2010: Global Change and biodiversity in the World Ocean</b> Fidel Echevarría Navas
10:40-11:00	<b>Bioluminescent enzymatic biosensors: biotechnological design</b> Valentina Kratasyuk, Elena Esimbekova
11:00-11:20	<b>Bioluminescent enzyme technology for biotesting of water, soil and air - as a new tool in environmental monitoring</b> Nadezhda Rimatskaya, Valentina Kratasyuk
11:20-11:40	COFFEE-BREAK
11:40-12:00	<b>Bioluminescent polychaetes</b> Masha Plyuscheva
12:00-12:20	<b>Estimation of periphytic microalgae gross primary production with DCMU-fluorescence method in Yenisei River (Siberia, Russia)</b> Elena Ivanova, V. I. Kolmakov, O. V. Anishchenko, M. I. Gladyshev, N. N. Sushchik
12:40-13:00	<b>Tracking of marine animals using electronic tags: The Atlantic bluefin tuna, a case study</b> Antonio Medina, Guillermo Aranda
13:00-13:20	<b>Prospect of multienzyme systems coupled with bacterial luciferase in condensed environmental</b> Oleg Sutormin
13:20-13:40	<b>Management of coastal risks related to climate change</b> Javier Benavente González
14:00-15:00	LUNCH
15:30	<b>Visit to the Marine Aquaculture Laboratory</b> Rosa Vázquez

**10th  
Wednesday**

10:00-10:20	<b>Searching for extremely variable populations in marine ecosystems</b> Fyodor Kondrashov
10:20-10:40	<b>Bottom animals' communities in the ecosystems evaluation</b> Svetlana Shulepina
10:40-11:00	<b>Integration of science, practice and education for the development of genetic methods in forestry of Russian Federation</b> Marina Sheller, A.A. Ibe, E.A. Shilkina, K.O. Deych, T.Yu.Yushkova
11:00-11:20	<b>COASTMAP: an effective tool for environmental prediction and management</b> Emma Reyes Reyes, C. J. González, C. Dastis, O. Alvarez, A. Izquierdo and M. Bruno
11:20-11:40	COFFEE-BREAK
11:40-12:00	<b>Applied prospects of oil sorbents "Unipolymer-M" and "Unipolymer-Bio" in marine ecology</b> Kirill Lukyanenko
12:00-12:20	<b>Water desalination powered by renewable energies, ETAPERN Project</b> Juan Antonio López Ramírez
12.20-14:00	<b>Round table discussions:</b> 1) Cooperation in Postgraduate Programs and educational technologies 2) Cooperation in research: potential project proposals and funding schemes 3) Discussion of the main provisions for a joint research-commercial project
14:00-15:00	LUNCH