

7th EuroGOOS conference

OPERATIONAL OCEANOGRAPHY FOR SUSTAINABLE BLUE GROWTH

Lisbon, 28-30 October 2014

Celebrating 20 years of EuroGOOS

PROGRAMME

Monday 27 October 2014 – Welcome

Venue: [Instituto Hidrográfico](#) (Rua das Trinas 49, 1249-093 Lisbon)

18:30-20:00 **Welcome reception - Celebration of 20 years of EuroGOOS**
Dr. Erik Buch, EuroGOOS Chair
Rear-Admiral Seabra de Melo, Portuguese Hydrographic Institute General Director
Addresses from former EuroGOOS Chairs and Directors

Tuesday 28 October 2014 – Day I

Venue: [Calouste Gulbenkian Foundation](#) (Av. de Berna, 45A, 1067-001 Lisbon)
Auditorium 2

08:00-09:00 **Registration**

09:00-09:30 **Opening and welcome**
Dr. Erik Buch, EuroGOOS Chair
Dr. Mário Ruivo, President of the Portuguese Committee for the Intergovernmental Oceanographic Commission of UNESCO
Dr. Artur Santos Silva, President of the Board of Trustees of the Calouste Gulbenkian Foundation
Rear-Admiral Seabra de Melo, Portuguese Hydrographic Institute General Director

09:30-09:50 ***A tribute to Kostas Nittis***
Vasilios Lykousis, Vice President of the Hellenic Centre for Marine Research (HCMR)

09:50-10:30 **Plenary Session 1: Policy and societal challenges with emphasis on Blue Growth: the contribution of Operational Oceanography**
Chair: Bernd Brüggge, BSH, EuroGOOS Board member
Keynote speakers
Albert Fischer, Intergovernmental Oceanographic Commission of UNESCO
Jan-Bart Calewaert, EMODNET Secretariat

10:30-10:50 **Coffee break**

10:50-12:10 **Plenary Session 1 cont.**
Keynote speakers
Michael Rohn, EC DG Enterprise and Industry
Nicolas Hoepffner, Institute for Environment & Sustainability, EC JRC

Samuel Djavidnia, European Maritime Safety Agency (EMSA)
Nadia Pinaridi, University of Bologna

12:10-12:30 **Open discussion, Q&A**

12:30-14:00 **Lunch**

Lunch will take place at the nearby hotel – Novotel Lisboa, Av. Jose Malhoa 1-1A, Lisbon 1099-051

14:00-15:20 **Plenary Session 2: Advancing Operational Oceanography to meet present and emerging user needs**

Chair: **Urmas Lips**, MSI-TTU, BOOS Chair & EuroGOOS Board member

Keynote speakers

Mika Mered, POLARISK Group

Martin Visbeck, GEOMAR

Pierre Bahurel, Mercator Ocean

Einar Svendsen, Institute of Marine Research Norway

15:20-15:40 **Open Discussion, Q&A**

15:40-16:10 **Coffee break**

16:10-17:20 **Plenary Panel session: Priorities of Operational Oceanography to effectively support societal needs with emphasis on Blue Growth (2014-2020)**

Roundtable discussion with speakers of the day

Moderator: **Erik Buch**, EuroGOOS Chair

Opening speech: Blue Growth: an opportunity or a nightmare? By **Bernd Brüggge**, BSH, EuroGOOS Board member

17:20-19:00 **Poster session**

With drinks and finger food

END OF DAY I

19:00-19:30 **Gathering to Surprise Event** (*Optional but included in the fee*)

Main entrance of Calouste Gulbenkian Foundation – Transport by Instituto Hidrográfico bus

19:30-20:30 **Surprise event**

(Does not include dinner)

Wednesday 29 October 2014 – Day II

Venue: [Calouste Gulbenkian Foundation](#)

09:00-18:00 **Parallel Session**

	Remote Sensing Chair: Hans Bonekamp , EUMETSAT <u>Meeting room 1</u>	Modelling / Forecasting Services Chair: Pierre-Yves Le Traon , IFREMER <u>Meeting room 2</u>	In situ Observations Chair: Henning Wehde , IMR <u>Auditorium 2</u>
09:00	The Sentinel-3 EUMETSAT Marine Centre Carolina Loddo , EUMETSAT	Scientific challenges towards operational oceanography in 2020 Jun She , DMI (Danish Meteorological Institute), DK	U.S. Integrated Ocean Observing System (IOOS) Enabling decisions, Advancing Technologies Zdenka Willis , NOAA U.S. IOOS
09:15	Jason-CS: Continuing the Jason Altimeter Data Records as Copernicus Sentinel-6 Hans Bonekamp , EUMETSAT	Uncertainty estimation for operational forecast products - a multi-model-ensemble approach for North and Baltic Sea Inga Golbeck , BSH (Federal Maritime and Hydrographic Agency), DE	In-Situ service for Operational Oceanography and Research: a joint effort between MyOcean , EuroGOOS and EMODnet Sylvie Pouliquen , IFREMER, FR
09:30	The SSALTO/DUACS Multimission Altimeter Centers: Recent improvements Gilles Larnicol , CLS, FR	UK Environmental Prediction - development, integration and evaluation at the km scale Huw Lewis , UK Met Office	Fixed point Open Ocean Observatory network (FixO3): One year into multidisciplinary observations from the air-sea interface to the deep seafloor Sofia Alexiou , National Oceanography Centre, UK
09:45	The MyOcean Ocean Colour Thematic Assembly Centre and its products: recent development Rosalia Santoleri , CNR-ISAC (National Research Council, Institute of Atmospheric Sciences and Climate), IT	A hybrid algorithm for generation of a sea surface salinity field Arne Melsom , MET Norway, NO	FRAM: A multidisciplinary observatory in the North Atlantic - Arctic Ocean transition zone Ingo Schewe , AWI (Alfred Wegener Institute), DE
10:00	EUMETSAT ocean colour products from geostationary platforms Hans Bonekamp , EUMETSAT	WIFF - A Nowcast-Forecast system for high-resolution coastal applications Alberto Azevedo , LNEC (National Laboratory for Civil Engineering), PT	The European Marine Data Network (EMODnet) Portals demonstration Jan-Bart Calewaert , EMODnet Secretariat
10:15	Monitoring the Ocean from observations Stéphanie Guinehut , CLS, FR	Downscaling MyOcean: The CYCOFOS new forecasting systems at regional and sub-regional scales George Zodiatis , Oceanography Center-Univ. of Cyprus, CY	EMODnet Physics Antonio Novellino , ETT Solutions, IT

10:30	The combined use of Earth Observations, ferrybox and mooring buoy data for monitoring water bodies Jenni Attila , SYKE (Finnish Environment Institute), FI	Numerical Study of the Mediterranean sea level response to atmospheric pressure Nadia Pinardi , INGV (National Institute for Geophysics and Volcanology), IT	Ocean Data Portal: from data access to integration platform Sergey Belov , IODE Ocean Data Portal Partnership Centre
10:45	Coffee Break		
11:15	Use of operational oceanography satellite products to develop environmental indicators for the European MSFD Eleonora Rinaldi , CNR-ISAC, IT	The TYREM System: The Tyrrhenian Sea Regional operational Model Ernesto Napolitano , ENEA (National Agency for New Technologies, Energy and Sustainable Economic Development), IT	Multi-sensor in-situ observations to resolve submesoscale features Urmas Lips , MSI-TTU (Marine Systems Institute - Tallinn University of Technology), EE
11:30	A consistent, long-term, error-characterised, ocean-colour dataset for the earth observation and modelling communities André B. Couto , MARE, FCUL (College of Science, University of Lisbon), PT	Operational SOCIB forecasting system and multi-platform validation in the Western Mediterranean Mélanie Juza , SOCIB (Balearic Islands Coastal Ocean Observing System), ES	Interannual sampling cruises at a moored buoy site: Cross-validation and inter-comparison Manos Potiris , HCMR (Hellenic Centre for Marine Research), GR
11.45	Spatio - temporal variability of Phytoplankton Size Classes in the Mediterranean Sea from Ocean Color data Michela Sammartino , CNR-ISAC, IT	Oceanographic forecast system along the West-Iberian margin Luis Quaresma , Instituto Hidrográfico, PT	The Spanish Institute of Oceanography Observing System in the Atlantic Ocean: IEOOS-At Alicia Lavin , IEO (Spanish Institute of Oceanography), ES
12:00	Data and products of the SatBaltik system for remote sensing of the Baltic ecosystem Mirosław Darecki , IOPAN (Institute of Oceanology, Polish Academy of Sciences), PL	Downscaling from the ocean to the regional level: an approach to the Portuguese Exclusive Economic Zone Lígia Pinto , Univ. of Lisbon, PT	Oceanographic data management at SOCIB Charles Troupin , SOCIB, ES
	Users and new services Chair: David Mills , CEFAS		
12:15	Joint Programming Initiative Healthy and Productive Seas and Oceans (JPI Oceans) Florence Coronet , JPI Oceans	Reducing imbalances in the equatorial region caused by data assimilation Jennifer Waters , UK Met Office	CORA 4.0 and CORA-IBI: new products available for global and regional applications Tanguy Szekely , IFREMER, FR
12:30	Actual status of operational oceanography at the Mediterranean Sea: The MONGOOS perspective. Enrique Alvarez Fanjul , Puertos del Estado, ES	The Met Office Coupled Atmosphere/Land/Ocean/Sea-Ice Data Assimilation System Daniel Lea , UK Met Office	Phytoplanktonic biomass distribution in water column and sediments in the northern Latium coastal area Riccardo Martellucci , Univ. of Tuscia, IT

12:45	SOCIB multi-platform observing and forecasting integrated approach in response to science and society needs Joaquin Tintore , SOCIB, ES	HF-Radar Data assimilation in the Basque coast: optimizing wind forcing of a coastal circulation model Julien Mader , AZTI Tecnalia, ES	Black Sea Argo history, current status and prospect Atanas Palazov , IO-BAS (Institute of Oceanology-Bulgarian Academy of Sciences), BG
13:00	Lunch (at Calouste Gulbenkian Foundation)		
14:15	EMODnet - Human Activities Alessandro Pittito , COGEA srl, IT	The HBM-PDAF assimilation system for operational forecasts in the North and Baltic Seas Lars Nerger , AWI, DE	Greek Argo: Towards monitoring the Eastern Mediterranean - First deployments preliminary results and future planning Dimitris Kassis , HCMR, GR
14:30	Operational Oceanography Products and Services for Maritime Industry Atanas Palazov , IO-BAS, BG	Coupling of wave and circulation models in coastal-ocean predicting systems: A case study for the German Bight Joanna Staneva , HZG, DE	FerryBox Systems: Possibilities for Investigation of Short-Term and Long-Term Variability of Biogeochemical Processes Wilhelm Petersen , HZG (Helmholtz-Zentrum Geesthacht), DE
14:45	SeaConditions: present and future sea conditions for safer navigation (www.sea-conditions.com) Giovanni Coppini , CMCC (Euro-Mediterranean Center on Climate Change), IT	Unified Global and Regional Wave Model on a Multi-Resolution Grid Tamzin Palmer , UK Met Office	PLOCAN: a gliderport infrastructure for the East-Central North Atlantic Carlos Barrera , PLOCAN (Oceanic Platform of the Canary Islands), ES
15:00	Operational Oceanographic Products Supporting the eNavigation in the Baltic Sea Tarmo Kõuts , MSI-TTU, EE	On forecasting waves in seasonally ice-covered seas Laura Tuomi , FMI (Finnish Meteorological Institute), FI	Integrating capacities towards PLOCAN observational in-situ programme Marimar G. Villagarcia , PLOCAN, ES
15:15	An operational service for least time routes in the Mediterranean Sea (www.visir-nav.com) Gianandrea Mannarini , CMCC, IT	Operational ocean and sea ice modeling in Greenlandic waters and its impact on oil spill Jun She , DMI, DK	High sub-seasonal variability at circulation “choke” point in the Western Mediterranean, through SOCIB glider monitoring Emma Heslop , SOCIB, ES
15:30	Risk Assessment of Offshore Platforms in the Eastern Mediterranean Levantine Basin: Advance Oil Spill Predictions George Zodiatis , OC-UCY, CY	Biochemical Modelling Chair: Alessandro Crise , OGS	HF Radar in NW Europe Bill Turrell , Marine Scotland, UK
15:45	On-line monitoring and forecasts of ice resistance supporting winter navigation in ice channels Madis-Jaak Lilover , MSI-TTU, EE	OSS2015 – Forerunner of the “Green” Ocean Services beyond FP7 François-Régis Martin-Lauzer , ARGANS Limited, UK	The RITMARE Italian coastal radar network: operational system and data interoperability framework Lorenzo Corgnati , CNR-ISMAR (National Research Council, Institute of Marine Sciences), IT

16:00	Characterization of coastal-maritime severe events in Basque Country Santiago Gaztelumendi , TECNALIA, ES	A new modelling tool for chemical spill modellers and responders Rodrigo Fernandes , IST (Instituto Superior Técnico), PT	High Frequency Surface Wave Radar in the French Mediterranean Ocean Observing System on Environment (MOOSE) Céline Quentin , Mediterranean Institute of Oceanography, FR
16:15	Coffee Break		
16:45	ASIMUTH: a Copernicus marine downstream service for HAB forecasts in the Galician region Manuel Ruiz Villarreal , IEO, ES	Forecasting of physical and biogeochemical state of the North and Baltic Seas Frank Janssen , BSH, DE	CALYPSO – an operational network of HF radars for the Malta-Sicily Channel Simone Cosoli , OGS (National Institute of Oceanography and Experimental Geophysics), IT
17:00	COPERNICUS Coastal Service, the FP7 Space projects prospective Antoine Mangin , ACRI-ST, FR	Reanalysis of Mediterranean Sea biogeochemistry and the quest for biogeochemical seasonal forecasts Stefano Salon , OGS (National Institute of Oceanography and Experimental Geophysics), IT	Sea Wave Italian Measurement System Marco Picone , ISPRA (Italian Institute for Environmental Protection and Research), IT
17:15	Operational forecasting and statistical products for short and medium term port management Agustin Sánchez-Arcilla Conejo , Universitat Politècnica de Catalunya, ES	Real-time forecasting of Ligurian Sea biogeochemical variability during March 2013 Sukru Besiktepe , Dokuz Eylul Univ., Turkey	HF radar and drifter observing system in the Adriatic for fishery management and security Lorenzo Corgnati , CNR-ISMAR, IT
17:30	Integration of ecological and socio-economic issues in a Sea-Use Map toward the implementation of the MSFD Filippo Maria Carli , Univ. of Tuscia, IT	A Pressure-Impact statistical correlation analysis for eutrophication in Italian marine waters Giordano Giorgi , ISPRA, IT	
17:45	Real-time observatory of the water quality in the Tagus estuary Marta Rodrigues , LNEC, PT		

END OF DAY II

19:00 Gathering to Conference Dinner (*Optional but included in the fee*)
Main entrance of Calouste Gulbenkian Foundation – Transport by Instituto Hidrográfico bus

20:00 Conference Dinner

Thursday 30 October 2014 – DAY III

Venue: [Calouste Gulbenkian Foundation](#)

09:00-10:15 **Parallel Session**

	Copernicus Marine Service: MFCs Chair: Johnny Johannessen , NERSC <u>Auditorium 2</u>	Biochemical Modelling and Users Chair: Alessandro Crise , OGS <u>Meeting room 1</u>
09.00	The Mediterranean Forecasting System: recent developments Marina Tonani , INGV, IT	A coupled remote sensing and Lagrangian modelling approach for investigating anchovy larvae distribution and fate in the Sicily Channel Federico Falcini , CNR-ISAC, IT
09.15	Ocean monitoring and forecasting at the Met Office John Siddorn , UK Met Office	Operational management of tuna fisheries in Indonesia Gilles Larnicol , CLS, FR
09.30	The global Mercator Océan analysis and forecasting high resolution system and its main future updates Jean-Michel Lellouche , Mercator Ocean, FR	An operational oceanography tool for fisheries, predicting spawning habitat of Bluefin tuna in Western Mediterranean Diego Alvarez-Berastegui , SOCIB, ES
09.45	Modeling and data assimilation developments of the TOPAZ system in support of Arctic operations Laurent Bertino , NERSC (Nansen Environmental and Remote Sensing Center), NO	An operational biogeochemical and mussel eco-physiological model of Bantry Bay, Ireland: products and services for the aquaculture industry Tomasz Dabrowski , IMI (Marine Institute), IE
10.00	Progress, status and plans of MyOcean Baltic Monitoring and Forecasting Centre Ole Krarup Leth , DMI, DK	

10:15-10:45 **Coffee break**

Auditorium 2

10:45-11:45 **Plenary Session: Messages from parallel sessions and panels**

Moderator: **Erik Buch**, EuroGOOS Chair

Chairs of splinter sessions

11:45-12:00 **Towards a European Ocean Observing System – messages from EuroOCEAN2014**

Erik Buch, EuroGOOS Chair

12:00-12:30 **Conference key messages and closing statements**

Dr. **Erik Buch**, EuroGOOS Chair

Rear-Admiral **Seabra de Melo**, Portuguese Hydrographic Institute General Director

Dr. **Miguel Miranda**, President of the Portuguese Institute for the Sea and Atmosphere (IPMA)

END OF CONFERENCE

SIDE EVENTS*

Venue: [Instituto Hidrográfico](#) (Rua das Trinas 49, 1249-093 Lisbon)

Portuguese Hydrographic Institute		D. João de Castro Auditorium	Multipurpose Room	Duarte Pacheco Pereira Auditorium ⁽¹⁾ / OHS ⁽²⁾
Monday, 27 October 2014	Morning 09:00 - 13:00	-	JERICO WP3 & WP4 (W.Petersen/HZG)	HF Radar ⁽¹⁾ (P.Gorringe/EuroGOOS)
	Afternoon 14:00 - 18:00	-	The Mediterranean Sea Reanalysis (N.Pinardi/INGV)	HF Radar ⁽¹⁾ (P.Gorringe/EuroGOOS)
Thursday, 30 October 2014	Afternoon 14:00 - 18:00	JERICO WP9 (N.Pinardi/INGV)	RITMARE SP5 "Observing system" meeting (open) (A.Crise/OGS)	In Situ TAC ⁽²⁾ (S.Pouliquen/IFREMER)
Friday, 31 October 2014	Morning 09:00 - 13:00	JERICO WP9 (N.Pinardi/INGV)	RITMARE SP5 "Observing system" meeting (closed) (A.Crise/OGS)	-

* Kindly note that some meetings are open to project partners only; if you would like to attend, please check with the meeting responsible in advance (in parenthesis)