



**4<sup>th</sup> Black Sea Scientific Conference**  
***Black Sea - Challenges Towards Good Environmental Status***

## **PROGRAM**

**of the**

**4<sup>th</sup> Black Sea Scientific Conference**  
***Black Sea - Challenges Towards Good***  
***Environmental Status***  
**28<sup>th</sup> - 31<sup>th</sup> October 2013**  
**Constanta, Romania**

**CONSTANTA, 2013**





**4<sup>th</sup> Black Sea Scientific Conference**  
**Black Sea - Challenges Towards Good Environmental Status**  
**28<sup>th</sup> -31<sup>th</sup> October 2013**  
**Constanta, Romania**

**CONFERENCE PROGRAM**

Day 1	Speaker	Monday, October 28 <sup>th</sup> , 2013
<b>ORHIDEEA ROOM (10<sup>th</sup> floor)</b>		
9:00 - 9:15	Registration	
9:15 - 9:30	Opening remarks	
9:30 - 10:00	Welcome speech	
<b>Plenary Session</b> <b>Chairs: Gheorghe CONSTANTIN, Halil SUR, Simion NICOLAEV</b> <b>ORHIDEEA ROOM (10<sup>h</sup> floor)</b>		
10:00-10:30	<b>Evangelos PAPATHANASSIOU</b> Hellenic Centre for Marine Research, Greece	<b><i>The support of PERSEUS Project in achieving Good Environmental Status in the Black Sea basin - Evangelos Papathanassiou, Nikos Streftaris, Xavier Durrieu De Madron, Jean-Francois Cadiou, Joaqin Tintore, Marco Zavaterelli, Celia Vassilopoulou, Gheorghe Oaie, Didier Sauzade</i></b>
10:30-10:00	<b>Wendy BONNE</b> JPI Oceans, Belgium	<b><i>JPI Oceans The Joint Programming Initiative Healthy and Productive Seas and Oceans - Wendy Bonne</i></b>
11:00-11:30	Coffee break (1 <sup>st</sup> floor lobby)	
11:30-12:00	<b>Laura BOICENCO</b> NIRDEP-NIMRD "Grigore Antipa", Romania	<b><i>Identification of main gaps of the Black Sea Integrated Monitoring Programme related to MSFD requirements; MISIS project contributions - Laura Boicenco, Violeta Velikova, Colpan Beken, Snejana Moncheva, Levent Bat, Tania Begun</i></b>



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12:00-12:30	<b>Dick SCHAAP</b> MARIS, The Netherlands	<b><i>Emodnet Bathymetry: Development of a harmonized digital bathymetry for the European seas</i></b>
12:30-13:00	<b>Kalliopi PAGOU</b> Hellenic Centre for Marine Research, Greece	<b><i>Integrated Regional Monitoring Implementation Strategy in the South-European Seas - IRIS-SES: A new pilot project to support MSFD for the management of human activities in the sea</i></b>
13:00-13:30	<b>Bayram OZTURK</b> İstanbul University, TÜDAV, Turkey	<b><i>Coconet Project and Dimension of the Black Sea</i></b> - Bayram Ozturk, Levent Bat
13:30-15:00	Lunch (Anthurium Restaurant - ground floor)	
<b>Session 4: Integrated Coastal Zone Management</b> <b>Chair: Gheorghe OAIE</b> <b>Rapporteur: Mamuka GVILAVA</b> <b>MAGNOLIA I ROOM (1<sup>st</sup> floor)</b>		
15:00-15:20	<b>Mamuka GVILAVA</b> c/o Geographic, Georgia	<b><i>Mapping &amp; Dissemination of ICZM Stock-Taking Results</i></b> - Ekaterina Antonidze, Mamuka Gvilava
15:20-15:40	<b>Iulian NICHERSU</b> NIRDEP - NIRD - Danube Delta, Romania	<b><i>PEGASO Project Experience and Last Results Regarding Spatial Planning in the Danube Delta</i></b> - Iulian Nichersu, Marian Mierla, Eugenia Marin, Cristian Trifanov, Iuliana Nichersu, Laura Alexandrov
15:40-16:00	<b>Razvan MATEESCU</b> NIRDEP - NIMRD "Grigore Antipa", Romania	<b><i>Coastal geomorphological processes variability at Romanian littoral in the last half of century (1962-2012)</i></b> - Razvan Mateescu, Alina Spinu, Dragos Niculescu, Danut Diaconeasa
16:00-16:20	<b>Jenica HANGANU</b> NIRDEP - NIRD Danube Delta, Romania	<b><i>3D Holocene deposits map of the Danube Delta - scenarios</i></b> - Jenica Hanganu, Adrian Constantinescu, Nicolas Ray
16:20-16:50	Coffee break (1 <sup>st</sup> floor lobby)	



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16:50-17:10	<b>Iulian NICHERSU</b> NIRDEP - NIRD Danube Delta, Romania	<b>High-resolution digital cartographic support for development plans, strategies and management schemes in Danube Delta Biosphere Reserve</b> - Iulian Nichersu , Adrian Constantinescu , Ion Grigoras , Jenica Hanganu
17:10-17:30	<b>Tania ZAHARIA</b> NIRDEP-NIMRD "Grigore Antipa", Romania	<b>Aquatic sensitive areas in the Ionian Sea (Greece) and Romanian coasts of Black Sea. Fishery situation and management procedures</b> - Kapiris K., Pontikas H., Maximov V., Zaharia T., Nită V.
17:30-17:50	<b>Natasa VAIDIANU</b> University of Bucharest (CICADIT), Romania	<b>Diagnosis and scenarios for a better management process of visitors flow in the Romanian Danube Delta Biosphere Reserve</b> - Natasa Vaidianu
17:50-18:00	<b>Discussions</b>	
<b>Session 5: Climate change and its impact on marine ecosystems</b> <b>Chair: Fokion K. VOSNIAKOS</b> <b>Rapporteur: Vasile PATRASCU</b> <b>MAGNOLIA II ROOM (1<sup>st</sup> floor)</b>		
15:00-15:20	<b>Anton KHOLOD</b> Marine Hydrophysical Institute, Ukraine	<b>Monitoring and Forecasting Centre for the Black Sea</b> - G.K. Korotaev, Yu. B. Ratner, M.V. Ivanchik, A.L. Kholod
15:20-15:40	<b>Maria-Emanuela MIHAILOV</b> NIRDEP-NIMRD "Grigore Antipa", Romania	<b>40 years analysis on the Wave characteristics and recent observations on Currents Regime along the Western Black Sea Coast</b> - Luminita Buga, Maria Emanuela Mihailov, Maria Ionela Tomescu-Chivu, Sabina Stefan
15:40-16:00	<b>Liliana VELEA</b> National Meteorological Administration, Romania	<b>Occurrence of extreme weather events over Black Sea from numerical simulations and observation-based data</b> - Liliana Velea, Roxana Bojariu, Roxana Cica
16:00-16:20	<b>Fokion K. VOSNIAKOS</b> Alexander Technological Educational Institute of Thessaloniki, Greece	<b>Synergetic impact of pollution and climate changes in Mediterranean region</b> - F.K. Vosniakos, M. Golumbeanu, E. Karakolios, A. Mamoukaris



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16:20-16:50	Coffee break (1 <sup>st</sup> floor lobby)	
16:50-17:10	<b>Olena VYSHKVARKOVA</b> Marine Hydrophysical Institute, Ukraine	<b><i>Decadal variability of precipitation inequality over the Black Sea coastal zone</i></b> - Vyshkvarkova Olena, Voskresenskaya Elena
17:10-17:30	<b>Daniela VASILE</b> NIRD - GeoEcoMar Bucharest, Romania	<b><i>Promoting the EU Marine Strategy Framework Directive in non-EU study areas: Identification of the elements for basin-wide environmental status assessments in the South European Seas</i></b> - Daniela Vasile, Daniel Gonzalez-Fernandez, Maria Pantazi, Georg Hanke, Sophie Laroche, Bruno Andral, Vassiliki Vassilopoulou, Marian-Traian Gomoiu, Gheorghe Oaie
17:30-17:50	<b>Maria-Emanuela MIHAILOV</b> NIRDEP-NIMRD "Grigore Antipa", Romania	<b><i>The influence of wind driven circulation on the biological productivity along the Romanian Western Black Sea</i></b> - M.E.Mihailov, L. Lazar, L. Boicenco, L. Buga, M.I. Tomescu - Chivu, V. Malciu, S. Stefan, G. Sarbu, G. Ganea
17:50-18:00	<b><i>Discussions</i></b>	
<b>Day 2</b>	<b>Speaker</b>	<b>Tuesday, October 29<sup>th</sup>, 2013</b>
<b>Session 1: Pollution and eutrophication</b>		
<b>Chair: Atanas PALAZOV</b>		
<b>Rapporteur: Alexandru S. BOLOGA</b>		
<b>ORHIDEEA ROOM (10<sup>th</sup> floor)</b>		
9:30-9:50	<b>Anthony LEHMANN</b> University of Geneva, Switzerland	<b><i>EnviroGRIDS Final Report on present state and future scenarios in the Black Sea Catchment</i></b> - Lehmann A. and the enviroGRIDS consortium
9:50-10:10	<b>Andrey ZATSEPIN</b> P.P. Shirshov Institute of Oceanology-RAS Russian Federation	<b><i>Pressures and their impacts on the Black Sea ecosystem: Results of PERSEUS Umbrella Workshop</i></b> - A. Zatsepin, E. Arashkevich, A. Capet, G. Daskalov, A. Kideys, E. Lemesenko, S. Moncheva, T. Oguz, B. Salihoglu, D. Sauzade, T. Shiganova, A. Shivarov, K. Stefanova, A. Teaca



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10:10-10:30	<b>Matteo VINCI</b> OGS, Italy	<b><i>Emodnet Chemistry from the Pilot Project to the second phase</i></b> - Matteo Vinci, Alessandra Giorgetti
10:30-10:50	<b>Alexander BOLTACHEV</b> IBSS-NASU Sevastopol, Ukraine	<b><i>The "Hot Ecological Spots" in the Crimean Coastal Zone</i></b> - A. Boltachev, E. Karpova
10:50-11:10	<b>Çolpan POLAT-BEKEN</b> TUBITAK-Marmara Research Centre, Turkey	<b><i>Understanding of "Good Environmental Status" for Turkish coastal and marine environment</i></b> - Çolpan Polat Beken, Levent Bat, Ahmet E. Kideys, Süleyman Tuğrul, Şükrü Beşiktepe, Gökhan Kaboğlu, Ahsen Yüksek, Muzaffer Feyzioğlu, Fatma Telli-Karakoç, Fatih Şahin, Leyla Tolun, Dilek Ediger, İbrahim Tan
11:10-11:40	Coffee break (1 <sup>st</sup> floor lobby)	
11:40-12:00	<b>Svitlana ZHUKHAILO</b> YugNIRO, Ukraine	<b><i>Assessment of modern ecological and contamination state of the Black Sea ecosystem (according to the results of YuNIRO research on nature conservation)</i></b> - Zhuhailo S., Petrenko O., Trotsenko B., Avdeeva T.
12:00-12:20	<b>Nadezhda TODOROVA</b> IBER-BAS, Bulgaria	<b><i>Oil polluted and pristine Black Sea coastal sediments: comparative molecular analysis of inhabiting bacterial communities</i></b> - Nadezhda H. Todorova, Roumyana S. Mironova and Ventzislav K. Karamfilov
12:20-12:40	<b>Mürşide SUR</b> Istanbul University, Turkey	<b><i>Assessment of metal pollution in seawater and suspended particles along the Turkish Coast of the Black Sea</i></b> - Mürşide Sur, Halil İ. Sur
12:40-13:00	<b>Maria-Emanuela MIHAILOV</b> NIRDEP-NIMRD "Grigore Antipa", Romania	<b><i>Oxic Water Masses Inter-decadal Variability on the Romanian Black Sea Shelf</i></b> - Maria-Emanuela Mihailov, Luminita Lazar
13:00-15:00	Lunch (Anthurium Restaurant - ground floor)	



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15:00- 15:20	<b>Romica MARGINEANU</b> National Institute of Physics and Nuclear Engineering (IFIN-HH), Romania	<b><i>Recent investigations and the current state of the background radiation in the North-Western Black Sea</i></b> - R. Margineanu, Carmen Varlam, A.M. Blebea-Apostu, V. Patrascu, O. G. Dului, Rositza Totzeva, V. Stegarescu, B. Mitrica
15:20- 15:40	<b>Madalina CRISTEA</b> NIRDEP-NIMRD "Grigore Antipa", Romania	<b><i>European Approach to Marine Litter in the Romanian Black Sea Waters</i></b> - Mădălina Cristea, Eugen Anton, Simion Nicolaev, George Țiganov, Liviu-Daniel Galațchi
15:40- 16:00	<b>Mürşide SUR</b> Istanbul University, Turkey	<b><i>Distribution of Anionic Surfactants in sea water and Total Organic Carbon in bottom surface sediment along the Turkish coast of the Black Sea</i></b> - Mürşide Sur
16:00- 16:20	<b>Constantin GHEORGHE,</b> Corporate HSEQ Officer, GSP, Romania	<b>GSP's Environmental Policy</b> - Constantin Gheorghe
16:20- 16:50	Coffee break (1 <sup>st</sup> floor lobby)	
<b>Session 2: Biodiversity and ecosystem functioning</b> <b>Chair: Evangelos PAPATHANASIOU</b> <b>Rapporteur: Valeria ABAZA</b> <b>MAGNOLIA II ROOM (1<sup>st</sup> floor)</b>		
9:30- 9:50	<b>Iryna SERBINOVA</b> IBSS-NASU, Odessa Ukraine	<b><i>Non-Native species of the Black Sea</i></b> - Aleksandrov B., Gomoiu M.-T., Mikashvidze E., Moncheva S., Ozturk B., Shiganova T.
9:50- 10:10	<b>Vladimir SILKIN</b> P.P. Shirshov Institute-RAS Russia	<b><i>The Present-Day Phytoplankton In The North East Black Sea</i></b> - L.A. Pautova, V.A. Silkin, S.V. Vostokov, A.V. Lifanchuk
10:10- 10:30	<b>Lyudmila STELMAKH</b> IBSS-NASU, Sevastopol, Ukraine	<b><i>Trophic role of microzooplankton, its role on phytoplankton and development of blooms in the Black Sea</i></b> - L.V. Stelmakh
10:30- 10:50	<b>Iryna SERBINOVA</b> IBSS-NASU, Odessa, Ukraine	<b><i>Research of the Black Sea fungi's fluorescence</i></b> - Yuriy Tokarev, Nadezhda Kopytina, Olga Mashukova, Iryna Serbinova





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10:50- 11:10	<b>Vladimir SILKIN</b> P.P. Shirshov Institute-RAS Russia	<b>Conditions of an invasive species fixing in phytoplankton: physiological and ecological parameters</b> - V.A. Silkin, L.A. Pautova, A.I. Abakumov, A.V. Lifanchuk
11:10- 11:40	Coffee break (1 <sup>st</sup> floor lobby)	
11:40- 12:00	<b>Dmitry AFANASYEV</b> Research Institute of the Azov Sea Fishery Problems, Southern Federal University, Russia	<b>Floristic classification of the Russian Black Sea shelf bottom vegetation</b> - Dmitry Afanasyev
12:00- 12:20	<b>Dimitar BEROV</b> IBER-BAS, Bulgaria	<b>An adaptation of the EEI-c ecological status evaluation method - results from an experimental study of the eutrophication impact on macroalgal communities in the SW Black Sea</b> - Dimitar Berov, Ventsislav Karamfilov, Georgi Hiebaum
12:20- 12:40	<b>Kateryna KALASHNIK</b> IBSSS-NASU, Odessa, Ukraine	<b>Reaction of the Tiligulskiy Liman Macrophytes to Abnormal Climatic Conditions</b> - Galina Minicheva, Marina Kosenko, Kateryna Kalashnik
12:40- 13:00	<b>Stefania Klajn</b> IBER-BAS, Bulgaria	<b>Evaluating the ecological state of shallow coastal habitats in the southwestern Black Sea (Sozopol Bay, Bulgaria): level of agreement of different macrobenthic indices</b> - Stefania Klajn, Ventsislav Karamfilov
13:00- 15:00	Lunch (Anthurium Restaurant - ground floor)	
15:00- 15:20	<b>Galina KOLYUCHKINA</b> P.P. Shirshov Institute of Oceanology, Russia	<b>Long-term changes of Taman Bay zoobenthic communities</b> - Kolyuchkina G.A., Spiridonov V.A., Basin A.B., Kozlovskii V.V., Simakova U.V.
15:20- 15:40	<b>Evgeniya KARPOVA</b> IBSS-NASU, Sevastopol, Ukraine	<b>Crimean ichthyocoens and problems of their preservation</b> - E. Karpova, A. Boltachev
15:40- 16:00	<b>Viktor KARAMUSHKA</b> University of Environmental Management, Ukraine	<b>The heterocoagulation of microorganisms and mineral colloids as a model of biogenic concentration of metals at geochemical barriers</b> - Viktor I. Karamushka



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16:00-16:20	<b>Alexandru LAZAR</b> S.C. Marine Research, Romania	<b>Acoustic facies on side-scan sonar data; Their role in determining the special distribution of sediment types</b> - A.V. Lazar, A.D. Balahura, R. Lazar, G.V. Ungureanu, A.D. Ionescu, T. Zaharia
16:20-16:50	Coffee break (1 <sup>st</sup> floor lobby)	
<b>29<sup>th</sup> October - Workshop Sustainable development and energy use in the Black Sea</b> <b>Chair: Adriana MIRCEA</b> <b>MAGNOLIA I ROOM (1<sup>st</sup> floor)</b>		
14:30-15:00	Registration	
15:00-15:15	<b>Cristian COLTEANU</b> , CEO & President GE Romania, Bulgaria, Moldova <b>Simion Nicolaev</b> , Director, NIRDEP-NIMRD "Grigore Antipa", Romania	Welcome remarks
15:15-15:45	<b>Cristian COLTEANU</b> CEO & President GE Romania, Bulgaria, Moldova	Green technologies for greener future
15:45-16:15	<b>Gheorghe CONSTANTIN</b> , Director, Ministry of Environment and Climate Changes, Romania	Protection of the Black Sea marine environment by tackling land based sources
16:15-16:45	<b>Dave KENNEDY</b> , General Manager, Eastern Hemisphere Lufkin Industries	Lufkin presentation
16:45-17:15	<b>Serban TIGANAS</b> , CEO, Total Energy Businesses	Climate change mitigation using advanced technologies for power production
17:15-17:45	<b>Eugen RUSU</b> , Professor, "Dunarea de Jos" University, Galati, Romania; Technical University of Lisbon, Portugal	Evaluation of the electric power expected from various wave energy converters operating in the coastal environment
17:45-18:15	<b>Fokion K. VOSNIAKOS</b> , Professor, Alexander Technological Educational Institute of Thessaloniki, Greece; President of Balkan Environmental Association (B.EN.A)	Energy and poverty: important sustainability components
20:00	Official Dinner	FLORIDA RESTAURANT



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Day 3	Speaker	Wednesday, October 30 <sup>th</sup> , 2013
<b>Session 3: Socio-economic impact on marine environment</b>		
<b>Chair: György DEAK</b>		
<b>Rapporteur: Violin St. RAYKOV</b>		
<b>MAGNOLIA I ROOM (1<sup>st</sup> floor)</b>		
9:30- 9:50	<b>Laura ALEXANDROV</b> NIRDEP-NIMRD "Grigore Antipa", Romania	<b><i>Strengthening the regional capacity to support the sustainable management of the Black Sea Fisheries. Contribution of the SRCSSMBSF Project/ Black Sea CBC - JOP Program</i></b> - Simion Nicolaev, Gheorghe Radu, Vladyslav Shlyakhov, Violin Raykov, Ilhan Aydin, Ertug Duzgunes, Konstantin Mikhailov, Valodea Maximov, Eugen Anton, Laura Alexandrov
9:50- 10:10	<b>Osman SAMSUN</b> Sinop University, Turkey	<b><i>The Black Sea Anchovy (<i>Engraulis encrasicolus ponticus</i>): its biology, fishery and legislative control</i></b> - Osman Samsun, Mike Elliott, Abdulaziz Guneroglu, Emine Tekis
10:10- 10:30	<b>Nicolae SDRULA</b> IPROCHIM S.A., Bucharest, Romania	<b><i>Valorization of marine and on shore sources of biomass and wastes for biogas production</i></b> - Nicolae Sdrula, Simina Daniela Stefan, Ioan Frasinianu
10:30- 10:50	<b>Eden MAMUT</b> Ovidius University of Constanta, Romania	<b><i>Eco-innovative solutions for ballast water treatment in the shipping sector</i></b> - Eden Mamut, Claudiu Fercu, Laurentiu Oancea
10:50- 11:10	<b>Nina KHUCHUA</b> Bremen University Germany	<b><i>Institutional comparison of the Black Sea and Helsinki Commissions - Impulses to improve the performance of the Black Sea Commission?</i></b> - Nina Khuchua
11:10- 11:40	Coffee break (1 <sup>st</sup> floor lobby)	
11:40- 12:00	<b>Iryna MAKARENKO</b> BSC PS, Istanbul, Turkey	<b><i>20<sup>th</sup> Anniversary of Bucharest Convention: legal gaps, current trends and future challenges</i></b> - Iryna Makarenko
12:00- 12:20	<b>Viktor LAGUTOV</b> Central European University, Hungary	<b><i>Environmental Security in the Azov Sea Basin</i></b> - Viktor Lagutov



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12:20-12:40	<b>Marius POPESCU</b> Ovidius University of Constanta, Romania	<b><i>The role of tourism geography in the protection of marine environment</i></b> – Marius Popescu, George-Marius Cracu, Maria-Cornelia Urdea
12:40-13:00	<b>Maria TEOHAREVA</b> Black Sea Economic Centre, Bulgaria	<b><i>Creation of a Black Sea Network for Sustainable Tourism Development in Bulgaria, Romania, Ukraine, Moldova and Georgia (BS Tourism Net)</i></b> – Maria Teohareva
13:00-15:00	Lunch (Anthurium Restaurant - ground floor)	
<b>Day 3</b>	<b>Speaker</b>	<b>Wednesday, October 30<sup>th</sup>, 2013</b>
<b>Symposium "PROTECTION AND SUSTAINABLE MANAGEMENT OF THE BLACK SEA ECOSYSTEM, THIRD MILLENNIUM IMPERATIVE" Vith Edition</b> <b>Chair: Eugen RUSU</b> <b>Rapporteur: Tania ZAHARIA</b> <b>ORHIDEEA ROOM (10<sup>th</sup> floor)</b>		
9:30-10:15	<b>Simion NICOLAEV</b> NIRDEP-NIMRD "Grigore Antipa", Romania	<b><i>Report on the State of the Marine and Coastal Environment in 2012</i></b> - L. Alexandrov, L. Boicenco, V. Coatu, D. Diaconeasa, C. Dumitrache, O. Dumitrescu, M. Golumbeanu, L. Lazar, V. Malciu, R. Mateescu, V. Maximov, D. Micu, E. Mihailov, M. Nenciu, S. Nicolaev, V. Nita, A. Oros, A. Spinu, E. Stoica, C. Tabarcea, F. Timofte, D. Tiganus, T. Zaharia
10:15-10:45	<b>Eden MAMUT</b> Ovidius University of Constanta, Romania	<b><i>Active Protection of Coastal Areas Against Erosion Using Multifunctional Mobile Platforms</i></b> - Eden Mamut, Constantin Gheorghe, Laurentiu Oancea
10:45-11:15	<b>Eugen RUSU</b> Lower Danube University of Galati, Romania	<b><i>A Data Assimilation Scheme to Improve the Wave Predictions in the Black Sea at the Entrance of the Danube Delta</i></b> - Eugen Rusu, Dorin Butunoiu, Liliana Rusu
11:15-11:45	Coffee break	
11:45-12:15	<b>Gabriel Mihai POPESCU</b> SC Elcomex Aqua SRL, Romania	<b><i>Marine Fish Farm in Recirculating System</i></b> - Gabriel Mihai Popescu, Victor Cristea
12:15-12:45	<b>Nicolas SBURATURA</b> Recovery Solutions Consulting Srl, Finland	<b><i>ORS-Sorb product presentation (Oil sorbent)</i></b>



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13:00-15:00	Lunch (Anthurium Restaurant - ground floor)
15:00-16:20	<b>Poster session and Books presentations</b>
16:20-16:50	Coffee break
16:50-18:00	<b>Discussions Conclusions Recommendations</b>

**POSTER SESSION - Wednesday, October 30<sup>th</sup> - 14:50-16:00  
MAGNOLIA I ROOM (1<sup>st</sup> floor)**

**Note that posters have the same importance as oral presentations!**

<b>BS GES CONFERENCE</b>	
<b>Chairs: Nicolae SDRULA, Georgeta BANDOC, Carolina CONSTANTIN MAGNOLIA II ROOM (1<sup>st</sup> floor)</b>	
<b>Session 1 - Pollution and eutrophication</b>	
S1-1	<b>Results of Water and Bottom Sediments Pollution Studies in the Zmiinyi Island area of the Black Sea in 2011-2012</b> - Yu. Denga, V. Medinets, Yu. Zarubin, K. Tsimbalyuk, Gruzova, S. Snigirov
S1-2	<b>Heavy Metal concentrations in sediment from Sinop coast of the Black Sea, Turkey</b> - Levent Bat, Hasan Can Öztekin
S1-3	<b>Recent State of Varna Bay</b> - Galina Shtereva, Ogniana Hristova
S1-4	<b>BlackSeaTrack Web as decision-support operational tool for the Black Sea environmental safety</b> - Alexander Kubryakov, Gennady Korotaev
S1-5	<b>Some Aspects Concerning Polymer Bicomponent Membranes for Sea Water Pollution Prevention</b> - Teodor Sandu, Ana M. Florea, Andrei Sârbu, Liliana Sarbu, Steluta Apostol
S1-6	<b>Organochlorine compounds in tissues of the Black Sea turbot from Sevastopol coastal area in 2008, 2009 and 2013</b> - Malakhova L., Giragosov V., Khanaychenko A., Malakhova T., Smirnov D
S1-7	<b>Results of Hydrobionts Pollution Studies in the Zmiinyi Island area of the Black Sea in 2011-2013</b> - V. Medinets, Yu. Denga, S. Snigirov, T. Vostrikova, I. Gruzova
S1-8	<b>Composition of microflora of the upper respiratory tract of the Black sea bottlenose dolphin (<i>Tursiops truncatus</i>) in captivity condition</b> - Denisenko Tatyana, Sokolova Olga, Komogorova Elena, Mikhalev Yuriy
S1-9	<b>Seasonal variability of suspended matter's content and rate of its sedimentation in photic layer of Black Sea waters</b> - E.Z. Samyshev
S1-10	<b>Level of pollution of sediments in coastal and oceanic regions of the Black Sea</b> - Ernest Samyshev, Natalia Minkina, Irina Orlova



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S1-11	<b>Seasonal Variability of Western Black Sea Hydrochemical Structure (Bulgarian part)</b> - Galina Shtereva, Boryana Dzhurova
S1-12	<b>Chemical status of Varna Bay - research of coastal water quality</b> - Anna Staneva, Daniela Toneva
S1-13	<b>Use of IDEXX Quanti-Tray System for Rapid Assessment of Faecal Indicator Bacteria (FIB) in the Coastal Black Sea Surface Waters</b> - Stoica Elena, Gileea Beatrice, Popescu Carmen
S1-14	<b>Heavy metals in water and bottom sediments of Odessa region of the Black Sea</b> - Sergey Dyatlov, Irina Makovetskaya
S1-15	<b>Dinoflagellate cysts in the Mediterranean and Marmara Sea as proxies of eutrophication and HAB appearance</b> - A. Giannakourou, A. Venetsanopoulou, M. Balci, N. Balkis, K. Pagou
S1-16	<b>Application of Nematode/Copepod Index in the Black Sea: Any indication for use in monitoring of organic pollution?</b> - Murat Sezgin, Derya Ürkmez, Melek Ersoy Karaçuha
S1-17	<b>Marine litter quantification in the Black Sea - a pilot assessment</b> - Snejana Moncheva, Kremena Stefanova, Anton Krastev, Anatoly Apostolov
S1-18	<b>SEAMOBILE applications-marine data and forecast services available on mobile devices</b> - Coman C., Zodiatis G., Hayes, D. Schaap D.; Karaolia A.
S1-19	<b>Nitrogen Problem for the Black Sea Ecosystem</b> - Medinets Sergiy
S1-20	<b>Assessment of pollutants input from land-based sources in the Bulgarian coastal area</b> - Galina Shtereva
<b>Session 2 - Biodiversity and ecosystem functioning</b>	
S2-1	<b>Checklist of Sevastopol coastal zone (Black Sea) dinoflagellates</b> - Bryantseva Yu., Krakhmalnyy A., Velikova V., Sergeeva A., Skuratova K., Gorbunov V
S2-2	<b>The changes in the diversity and abundance of the harpacticoid copepods (Crustacea) distributed in the upper-infralittoral zone of the Black Sea (Sinop, Turkey</b> - Ersoy Karaçuha M., Sezgin M.
S2-3	<b>Annual vegetation along the shorelines (the habitat 1210) in the coastal area of Danube Delta Biosphere Reserve</b> - Făgăraş Marius, Bercu Rodica
S2-4	<b>Effects of the Trophically Valuable Components and Toxic Components of Dissolved Organic Matter on the Growth of Microalgae Dinophytes</b> - Erokhin V.E., Gordienko A.P
S2-5	<b>New Data on the State of Phytoplankton Community in the Ukrainian Black Sea Waters</b> - Galyna Terenko, Svetlana Kovalyshyna, Maria Grandova
S2-6	<b>Results of Phytoplankton Pigments Studies in the Zmiinyi Island coastal waters in the Black Sea, 2004-2012</b> - N. Kovalova, V. Medinets, Ye. Kovalova
S2-7	<b>The use of scanning electron microscopy for the toxic Dinoflagellata species identification</b> - Krakhmalnyy A., Bryantseva Yu., Velikova V., Sergeeva A., Skuratova K., Gorbunov V., Alekseenko I.



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S2-8	<b>Phytoplankton - key biological element in the shallow marine waters -</b> Oana Marin, Valeria Abaza
S2-9	<b>Live agglutinated foraminifera from surface sediments of Sinop coasts (Southern Black Sea, Turkey)</b> - İbrahim Öksüz, Murat Sezgin, Engin Meriç
S2-10	<b>Biodiversity Monitoring in Turkey using GIS</b> - Erdal Özüdoğru, Emine Sühendan Karauz, Ahmet Ozan Çekiç, Gencay Serter, Etem Akgündüz
S2-11	<b>Phytoplankton winter bloom in the Black and Caspian seas</b> - L.A. Pautova, S.V. Vostokov, V.A. Silkin
S2-12	<b>Distribution and Abundance of Cetaceans in the Romanian Marine Area</b> - Radu G., Anton E., Nenciu Magda, Spanu Alina
S2-13	<b>Pelagic communities of seaports and resort cities of the Northeastern of the Black Sea (Russian sector)</b> - Selifonova Zh.P
S2-14	<b>Shallow Water Meiofaunal Dynamics at the Southern Black Sea</b> - Murat Sezgin, Derya Ürkmez, Melek Ersoy Karacıha, İbrahim Öksüz
S2-15	<b>Alien species <i>Anadara kagoshimensis</i> (Bivalvia) in the Black sea region: genetic analysis</b> - Simakova U.V., Lutaenko K.A., Neretina T.A., Kolyuchkina G.A.
S2-16	<b>Bluefish <i>Pomatomus saltatrix</i> (L., 1766) horse mackerel <i>Trachurus mediterraneus ponticus</i> Aleev, 1956 diet in the Zmiinyi Island coastal waters</b> - Sergiy Snigirov
S2-17	<b>Factors influencing the initiation of spring bloom of the coccolithophorid <i>Emiliania huxleyi</i> in the Black Sea</b> - L. V. Stelmakh, E. Yu. Georgieva, I. I. Babich, N.Yu. Rodionova
S2-18	<b>A preliminary study on the mollusk fauna of İğneada region (Black Sea, Turkey)</b> - Fikriye Ünlüer, Murat Sezgin, Bilal Öztürk
S2-19	<b>Attempt for the use of nematode diversity to evaluate the ecological quality status: an example for the Black Sea</b> - Derya Ürkmez, Murat Sezgin, Levent Bat
S2-20	<b>First record of the genus <i>Trefusia</i> and the species <i>Terschellingia distalamphida</i> in the Black Sea: abundant species at the oxic/anoxic interface</b> - Derya Ürkmez, Michael L. Brennan
S2-21	<b>The position of an invasive crab <i>Rhithropanopeus harrisi</i> in the food web of the Taman Bay, Sea of Azov-Zalota A.K., Spiridonov V.A., Tiunov A.V</b>
S2-22	<b>Phytoplankton Population Structure Dynamics in Coastal Waters of the Zmiinyi Island in the Black Sea (2004-2012)</b> - N. Dereziuk, V. Medinets
S2-23	<b>Ecological Quality Assessment of Coastal Waters Using Zoobenthic Communities: A case study from Sinop Bay of the Black Sea, Turkey</b> - Murat Sezgin, Tuncer Katağan, Levent Bat, Derya Ürkmez, Alper Doğan
S2-24	<b>The Black Sea microalgae and cyanobacteria in human affairs</b> - Evgeny Gol'din
S2-25	<b>Plankton indicators - a concept for GES assessment for MSFD implementation in the Black Sea</b> - Snejana Moncheva, Kremena Stefanova



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<b>Session 3 - Socio-economic impact on marine environment</b>	
S3-1	<b>Evolving characteristics and potential evapotranspiration in the coastal deltaic Sfantu Gheorghe</b> - Bandoc Georgeta, Dragomir Elena, Golumbeanu Mariana, Mateescu Razvan
S3-2	<b>Land use change scenarios for Black Sea catchment</b> - Mancosu, E
S3-3	<b>Demersal fisheries dynamics at the Romanian Black Sea coast, during 2000 - 2012</b> - Valodia Maximov, Simion Nicolaev, Gheorghe Radu, Eugen Anton, Tania Zaharia
S3-4	<b>Organizational and Legal Background to Fisheries Management in a Responsible Manner in Ukraine</b> - Alexander Mikhaylyuk
S3-5	<b>State of the Fishery Resources in the Romanian Marine Area</b> - Radu G., Maximov V., Anton E., Cristea Madalina, Tiganov G., Totoiu Aurelia, Spanu Alina
S3-6	<b>Peculiarities of driftnet fisheries in Bulgarian marine area</b> – Violin St. Raykov, George Triantaphyllidis
S3-7	<b>Global popularization of E-repositories in the marine informational environment</b> - K. Kulakova, B. Trotsenko
<b>Session 4 - Integrated Coastal Zone Management</b>	
S4-1	<b>Evaluation of the risks of floods and freshets at the mouths of the rivers of Kolkhety Lowland, Georgia</b> - Davit Kereselidze, Kakhaber Bilashvili, Vazha Trapaidze
S4-2	<b>The North-Western part of the Black Sea coasts changes</b> - E. Cherkez, S. Shatalin, V. Shmuratko, T. Pavlik, V. Medinets
S4-3	<b>Researches regarding marine environment corrosion on coastal structures</b> - George Poteras, Mihaela Andreea Moncea, Ana Maria Panait
S4-4	<b>A governance analysis of the opportunities for implementing Marine Spatial Planning in the Black Sea</b> - Cor Schipper, Patricia Schouten, Ruben Vogel, Marc Rijnveld, Adriaan Slob and Jan van Dalfsen
S4-5	<b>Influence of climate changes on water balance, sea level and coastal line of the Black Sea</b> - Goryachkin Yuri.N
<b>Session 5 - Climate change and its impact on marine ecosystems</b>	
S5-1	<b>Correspondence of the maximums in the course of inter-annual level of the Black Sea to the El Niño</b> - Andrianova Olga, Batyrev Oleksiy
S5-2	<b>The use of renewable energies at the Romanian coast of the Black Sea</b> - Bandoc Georgeta, Degeratu Mircea, Florescu Ana Maria, Dragomir Elena
S5-3	<b>Characteristics of wind-driven upwelling in the Black Sea coastal zone of Ukraine and its long-term variability</b> - Evstigneev V.P., Naumova V.A., Evstigneev M.P
S5-4	<b>Interannual variability of winter-spring cyclones over the Black Sea and its manifestations in some marine ecosystem parameters</b> - V.N. Maslova, E.N. Voskresenskaya, A.S. Kukushkin
S5-5	<b>Long-term Changes of Nutrients Concentrations of Surface Waters in the Zmiinyi Island Area</b> - V. Medinets, N. Kovalova, I. Gruzova, S. Kotogura, A. Mileva, S. Medinets, S. Snigirev, O. Konareva





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S5-6	<b>Long-term variability of wind speed in the coastal zone of Azov-Black Sea region of Ukraine</b> - Naumova V.A., Evstigneev V.P., Evstigneev M.P
S5-7	<b>Space-Time Variability of the Wind Stress Curl and Wind Direction over the Black Sea</b> - I.G. Shokurova, A.B. Polonsky
S5-8	<b>Long-term changes of physical &amp; chemical characteristics of surface waters in the Zmiinyi Island area of the Black Sea</b> - V. Medinets, N. Kovalova, Ye. Gazyetov, S. Snigirev, I. Soltys
S5-9	<b>The cosmic ray muon flux on the Black Sea coast</b> - B. Mitrica, R. Margineanu, A.M. Blebea-Apostu, C. Gomoiu, D. Stanca
<b>Session 6 - Ecosystem modeling</b>	
S6-1	<b>Modelling Long-Term Variability of the Black Sea Dynamics</b> - V. Dorofeyev, G. Korotaev, L. Sukhikh
S6-2	<b>Water Security in the Azov Sea basin: assessing ecosystem goods and services of the Tsimlyansk reservoir</b> - Irina Gilfanova, Viktor Lagutov
S6-3	<b>Assessment of Romanian Alpine habitats spatial shifts based on climate change prediction scenarios</b> - A. Constantinescu, J. Hanganu J., N. Ray
S6-4	<b>Use of Optimization Method of Hooke-Jeeves in Calibration of Parameters of Biogeochemical Model</b> - Kira Slepchuk
<b>NIMRD SYMPOSIUM</b>	
<b>Chairs: Luminita Buga, Florin Timofte, Valodea Maximov, Mariana Golumbeanu</b>	
<b>MAGNOLIA II ROOM (1<sup>st</sup> floor)</b>	
<b>Session I - Oceanography and Coastal Engineering</b>	
SY1-1	<b>Evolution of the Black Sea Shore in the Danube Delta Biosphere Reserve Area</b> - Danut Diaconeasa, Silica Petrisoia, Gheorghe Munteanu, Răzvan Doru Mateescu, Alina Daiana Spinu
SY1-2	<b>Sea Level Oscillations and Methodological Implications in the Coastal Dynamics Assessments</b> - Viorel Malciu
SY1-3	<b>Contributions to Achievement of a Video and Lighting System for Underwater Remote Controlled Vehicle</b> - Victor Costencu, Adrian Niculescu, Gabriel Ganea, Silviu Ionita
SY1-4	<b>Nutrient Levels and Eutrophication of the Romanian Black Sea Waters (2006-2011) - Assessment Related to the Marine Strategy Framework Directive Implementation</b> - Luminita Lazar, Laura Boicenco, Valentina Coatu, Andra Oros, Daniela Tiganus, Maria - Emanuela Mihailov
SY1-5	<b>Analysis of Hazardous Substance Contamination of the Marine Ecosystem at the Romanian Black Sea Coast, Part of the Marine Strategy Framework Directive (2008/56/EEC) Implementation</b> - Valentina Coatu, Daniela Tiganus, Andra Oros, Luminita Lazar
SY1-6	<b>Identification of the Sources of Polycyclic Aromatic Hydrocarbons in Sediments in the Romanian Black Sea Sector</b> - Daniela Tiganus, Valentina Coatu, Luminita Lazar, Andra Oros, Alina Daiana Spinu



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SY1-7	<b>The Wave Field Conditions in the Presence of a Hybrid Wave-Wind Farm Located in the Romanian Nearshore</b> - Andrei Tanase Zanopol, Florin Onea, Eugen Rusu
<b>Session II - Marine Ecology and Environmental Protection</b>	
SY2-1	<b>Recent Data on the Benthic Populations from the Sandy Bottom Community in the Marine Zone of the Danube Delta Biosphere Reserve (ROSCI0066)</b> - Camelia Dumitrache, Florin Timofte, Adrian Filimon, Tania Zaharia, Valeria Abaza
SY2-2	<b>Compliance Level of the Waters Quality for Molluscs in the Black Sea According to the EU Legislation</b> - Daniela Rosioru, Luminita Lazar, Andra Oros, Valentina Coatu, Elena Stoica
SY2-3	<b>Assessing the Nematode Infestation Degree of Commercial Clupeids at the Romanian Coast</b> - Aurelia Totoiu, Tania Zaharia, Elena Dumitrescu, Valodia Maximov, Magda Nenciu, Madalina Cristea
SY2-4	<b>Comparison of the Effects of Natural Antioxidants - Vitamin E and Cătinofort (<i>Hippophae Rhamnoides</i> Natural Extract) - on the Body of Divers in Saturation</b> - Cezarina Dincu, Magda Nenciu, Alexandru Deftu, Maria Luisa Flonta
SY2-5	<b>Spring Season Phytoplankton Communities in Romanian Black Sea Waters</b> - Laura Boicenco, Oana Vlas, Luminita Lazar
SY2-6	<b>Seawater Treatment by Ion Flotation</b> - Carolina Constantin, L. Stoica
SY2-7	<b>A Scientific Network for the Prevention of Environmental Hazards in the Black Sea Basin</b> - K. Papatheodorou, L. Tofan, M.J. Adler, Z. Prefac, M. Lungu, M. Arpentj, I. Omer, M. Golumbeanu
<b>Session III - Marine Living Resources</b>	
SY3-1	<b>Evolution of Romanian Marine Fisheries Following EU Accession</b> - Gheorghe Radu, Simion Nicolaev, Eugen Anton, Valodia Maximov
SY3-2	<b>State of the Romanian Black Sea Turbot (<i>Psetta maxima maeotica</i> L.) Resources</b> - Valodia Maximov, Tania Zaharia, Simion Nicolaev, Gheorghe Radu
SY3-3	<b>Ecological Methods for Improving the Epibiotic Biofilter in the Rocky Coastal Areas Affected By Anthropogenic Impact</b> - Cornel Ursache, Tania Zaharia, Magda Nenciu
SY3-4	<b>Ecologically Efficient Solutions to Reduce the Dolphin By-Catches in Gillnets</b> - Eugen Anton, Gheorghe Radu, Magda Nenciu
SY3-5	<b>The Situation of Marine Litter Collected During Demersal Surveys in 2012 in the Romanian Black Sea Area</b> - Eugen Anton, Gheorghe Radu, George Tiganov, Mădălina Cristea, Magda Nenciu
<b>Session IV - Ecological Education</b>	
SY4-1	<b>Environmental Assessment Training of Researchers from the Mediterranean and the Black Sea</b> - Mariana Golumbeanu, Andra Oros, Dragos Micu, Magda Nenciu, Federica Foglini, Marco Zavatarelli, Aldo Drago
SY4-2	<b>Ecological Education - Management Tool for Vama Veche - 2 Mai Marine Reserve</b> - Victor Nita, Magda Nenciu, Adrian Filimon, Tania Zaharia, Mariana Golumbeanu



## International Black Sea Day Celebration Program

Thursday, October 31<sup>st</sup>, 2013  
ORHIDEEA CONFERENCE ROOM (10<sup>th</sup> floor)

Time	Subject	Presenter
10:00 - 10:10	Opening	BSC PS Istanbul, Turkey
10:10 - 11:00	Welcome remarks <ul style="list-style-type: none"><li>• Representative of Romanian Academy</li><li>• Representative of Constanta Municipality</li><li>• Statements from the Black Sea Commissioners</li></ul>	
11:00 - 11:20	Coffee Break	Press Conference (Magnolia I Room)
11:20 - 11:30	Activities of the Black Sea Commission	BSC PS Istanbul, Turkey
11:30 - 12:00	Black Sea Medal Awards Ceremony	BSC PS Istanbul, Turkey
12:00 - 12:20	<i>The role of the General Fishery Commission for the Mediterranean (GFCM) in the management of living resources and ecosystems in the Mediterranean and Black Sea</i>	Simion NICOLAEV NIRDEP-NIMRD "Grigore Antipa", Romania
12:20 - 12:40	<i>Adverse fisheries impact on the Black Sea cetacean populations</i>	Edward WILLSTEED MacAlister Elliot & Partners, UK
12:40 - 13:00	<i>Sturgeon 2020 – a program for sturgeon revival in the Danube River Basin and adjacent Black Sea</i>	Cristina SANDU Institute of Biology Bucharest, Romania
13:00 - 13:30	Junior Ranger Club Activity	Elementary School 2 Mai, Constanta County, Romania
13:30 - 14:00	"Mare Nostrum" NGO - Coastal ecosystem protection and climate change	Film viewing
14:00 - 16:00	Reception Party	

