



4th Black Sea Scientific Conference
Black Sea - Challenges Towards Good Environmental Status

PROGRAM

of the

4th Black Sea Scientific Conference
Black Sea - Challenges Towards Good
Environmental Status
28th - 31th October 2013
Constanta, Romania

CONSTANTA, 2013



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CONFERENCE PROGRAM

Day 1	Speaker	Monday, October 28 th , 2013
ORHIDEEA ROOM (10th floor)		
8:30 - 9:15	Registration	
9:15 - 9:30	Opening remarks	
9:30 - 10:00	Welcome speech	
Plenary Session Chairs: Gheorghe CONSTANTIN, Halil SUR, Simion NICOLAEV ORHIDEEA ROOM (10^h floor)		
10:00-10:30	Evangelos PAPATHANASSIOU Hellenic Centre for Marine Research, Greece	<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, Joaquin Tintore, Marco Zavaterelli, Celia Vassilopoulou, Gheorghe Oaie, Didier Sauzade</i>
10:30-10:00	Wendy BONNE JPI Oceans, Belgium	<i>JPI Oceans The Joint Programming Initiative Healthy and Productive Seas and Oceans - Wendy Bonne</i>
11:00-11:30	Coffee break (1 st floor lobby)	
11:30-12:00	Laura BOICENCO NIRDEP-NIMRD "Grigore Antipa", Romania	<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>



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



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16:50-17:10	Iulian NICHERSU NIRDEP - NIRD Danube Delta, Romania	High-resolution digital cartographic support for development plans, strategies and management schemes in Danube Delta Biosphere Reserve - Iulian Nichersu, Adrian Constantinescu, Ion Grigoras, Jenica Hanganu
17:10-17:30	Laura ALEXANDROV NIRDEP-NIMRD "Grigore Antipa", Romania	Maritime Spatial Planning Tools and Methods. Romanian Study Cases - Laura Alexandrov, S. Nicolaev, I. Nichersu, Alina Spinu, R. Mateescu, Mariana Golumbeanu, M. Mierla, E. Marin, C. Trifanov, Iuliana Nichersu
17:30-17:50	Natasa VAIDIANU University of Bucharest (CICADIT), Romania	Diagnosis and scenarios for a better management process of visitors flow in the Romanian Danube Delta Biosphere Reserve - Natasa Vaidianu
17:50-18:00	Discussions	
Session 5: Climate change and its impact on marine ecosystems Chair: Fokion K. VOSNIAKOS Rapporteur: Vasile PATRASCU MAGNOLIA II ROOM (1st floor)		
15:00-15:20	Anton KHOLOD Marine Hydrophysical Institute, Ukraine	Monitoring and Forecasting Centre for the Black Sea - G.K. Korotaev, Yu. B. Ratner, M.V. Ivanchik, A.L. Kholod
15:20-15:40	Maria-Emanuela MIHAILOV NIRDEP-NIMRD "Grigore Antipa", Romania	Oxic Water Masses Inter-decadal Variability on the Romanian Black Sea Shelf - Maria-Emanuela Mihailov, Luminita Lazar
15:40-16:00	Liliana VELEA National Meteorological Administration, Romania	Occurrence of extreme weather events over Black Sea from numerical simulations and observation-based data - Liliana Velea, Roxana Bojariu, Roxana Cica
16:00-16:20	Fokion K. VOSNIAKOS Alexander Technological Educational Institute of Thessaloniki, Greece	Synergetic impact of pollution and climate changes in Mediterranean region - F.K. Vosniakos, M. Golumbeanu, E. Karakolios, A. Mamoukaris
16:20-16:50	Coffee break (1 st floor lobby)	



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16:50-17:10	Olena VYSHKVARKOVA Marine Hydrophysical Institute, Ukraine	<i>Decadal variability of precipitation inequality over the Black Sea coastal zone</i> - Vyshkvarkova Olena, Voskresenskaya Elena
17:10-17:30	Daniela VASILE NIRD - GeoEcoMar Bucharest, Romania	<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> - Daniela Vasile, Daniel Gonzalez-Fernandez, Maria Pantazi, Georg Hanke, Sophie Laroche, Bruno Andral, Vassiliki Vassilopoulou, Marian-Traian Gomoiu, Gheorghe Oaie
17:30-17:50	Maria-Emanuela MIHAILOV NIRDEP-NIMRD "Grigore Antipa", Romania	<i>The influence of wind driven circulation on the biological productivity along the Romanian Western Black Sea</i> - 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	<i>Discussions</i>	
Day 2	Speaker	Tuesday, October 29th, 2013
Session 1: Pollution and eutrophication Chair: Atanas PALAZOV Rapporteur: Alexandru S. BOLOGA ORHIDEEA ROOM (10th floor)		
9:30-9:50	Anthony LEHMANN University of Geneva, Switzerland	<i>EnviroGRIDS Final Report on present state and future scenarios in the Black Sea Catchment</i> - Lehmann A. and the enviroGRIDS consortium
9:50-10:10	Andrey ZATSEPIN P.P. Shirshov Institute of Oceanology-RAS Russian Federation	<i>Pressures and their impacts on the Black Sea ecosystem: Results of PERSEUS Umbrella Workshop</i> - A. Zatsepin, E. Arashkevich, A. Capet, G. Daskalov, A. Kideys, E. Lemesko, S. Moncheva, T. Oguz, B. Salihoglu, D. Sauzade, T. Shiganova, A. Shivarov, K. Stefanova, A. Teaca



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10:10-10:30	Matteo VINCI OGS, Italy	<i>Emodnet Chemistry from the Pilot Project to the second phase</i> - Matteo Vinci, Alessandra Giorgetti
10:30-10:50	Alexander BOLTACHEV IBSS-NASU Sevastopol, Ukraine	<i>The "Hot Ecological Spots" in the Crimean Coastal Zone</i> - A. Boltachev, E. Karpova
10:50-11:10	Çolpan POLAT-BEKEN TUBITAK-Marmara Research Centre, Turkey	<i>Understanding of "Good Environmental Status" for Turkish coastal and marine environment</i> - 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 st floor lobby)	
11:40-12:00	Svitlana ZHUKHAILO YugNIRO, Ukraine	<i>Assessment of modern ecological and contamination state of the Black Sea ecosystem (according to the results of YuNIRO research on nature conservation)</i> - Zhuhailo S., Petrenko O., Trotsenko B., Avdeeva T.
12:00-12:20	Nadezhda TODOROVA IBER-BAS, Bulgaria	<i>Oil polluted and pristine Black Sea coastal sediments: comparative molecular analysis of inhabiting bacterial communities</i> - Nadezhda H. Todorova, Roumyana S. Mironova and Ventzislav K. Karamfilov
12:20-12:40	Mürşide SUR Istanbul University, Turkey	<i>Assessment of metal pollution in seawater and suspended particles along the Turkish Coast of the Black Sea</i> - Mürşide Sur, Halil İ. Sur
12:40-13:00	Tania ZAHARIA NIRDEP-NIMRD "Grigore Antipa", Romania	<i>Aquatic sensitive areas in the Ionian Sea (Greece) and Romanian coasts of Black Sea. Fishery situation and management procedures</i> - Kapiris K., Pontikas H., Maximov V., Zaharia T., Nita V.
13:00-15:00	Lunch (Anthurium Restaurant - ground floor)	



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



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



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16:00- 16:20	Alexandru LAZAR S.C. Marine Research, Romania	<i>Acoustic facies on side-scan sonar data; Their role in determining the special distribution of sediment types</i> - A.V. Lazar, A.D. Balahura, R. Lazar, G.V. Ungureanu, A.D. Ionescu, T. Zaharia
16:20- 16:50	Coffee break (1 st floor lobby)	
29th October - Workshop <i>Sustainable development and energy use in the Black Sea</i> Chair: Adriana MIRCEA MAGNOLIA I ROOM (1st floor)		
14:30- 15:00	Registration	
15:00- 15:15	Cristian COLTEANU , CEO & President GE Romania, Bulgaria, Moldova Simion NICOLAEV , Director, NIRDEP-NIMRD "Grigore Antipa", Romania	Welcome remarks
15:15- 15:35	Cristian COLTEANU , CEO & President GE Romania, Bulgaria, Moldova	Green technologies for greener future
15:35- 15:55	Gheorghe CONSTANTIN , Director, Ministry of Environment and Climate Changes, Romania	Protection of the Black Sea marine environment by tackling land based sources
15:55- 16:20	Dave KENNEDY , General Manager, Eastern Hemisphere Lufkin Industries	Lufkin presentation
16:20- 16:50	Coffee break (1 st floor lobby)	
16:50- 17:10	Serban TIGANAS , CEO, Total Energy Businesses	Climate change mitigation using advanced technologies for power production
17:10- 17:30	Eugen RUSU , 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
17:30- 17:50	Corina DURLESCU , Senior Regional Sales Manager SEE, GE	Smart grid technology for sustainable development
17:50- 18:10	Fokion K. VOSNIAKOS , Professor, Alexander Technological Educational Institute of Thessaloniki, Greece;	Energy and poverty: important sustainability components



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	President of Balkan Environmental Association (B.EN.A)	
20:00	Official Dinner	FLORIDA RESTAURANT
Day 3	Speaker	Wednesday, October 30th, 2013
Session 3: Socio-economic impact on marine environment		
Chair: György DEAK		
Rapporteur: Violin St. RAYKOV		
MAGNOLIA I ROOM (1st floor)		
9:30-9:50	Laura ALEXANDROV NIRDEP-NIMRD "Grigore Antipa", Romania	<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> - Simion Nicolaev, Gheorghe Radu, Vladyslav Shlyakhov, Violin Raykov, Ilhan Aydin, Ertug Duzgunes, Konstantin Mikhailov, Valodea Maximov, Eugen Anton, Laura Alexandrov
9:50-10:10	Osman SAMSUN Sinop University, Turkey	<i>The Black Sea Anchovy (<i>Engraulis encrasicolus ponticus</i>): its biology, fishery and legislative control</i> - Osman Samsun, Mike Elliott, Abdulaziz Guneroglu, Emine Tekis
10:10-10:30	Nicolae SDRULA IPROCHIM S.A., Bucharest, Romania	<i>Valorization of marine and on shore sources of biomass and wastes for biogas production</i> - Nicolae Sdrula, Simina Daniela Stefan, Ioan Frasinianu
10:30-10:50	Eden MAMUT Ovidius University of Constanta, Romania	<i>Eco-innovative solutions for ballast water treatment in the shipping sector</i> - Eden Mamut, Claudiu Fercu, Laurentiu Oancea
10:50-11:10	Nina KHUCHUA Bremen University Germany	<i>Institutional comparison of the Black Sea and Helsinki Commissions - Impulses to improve the performance of the Black Sea Commission?</i> - Nina Khuchua
11:10-11:40	Coffee break (1 st floor lobby)	



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11:40-12:00	Iryna MAKARENKO BSC PS, Istanbul, Turkey	20th Anniversary of Bucharest Convention: legal gaps, current trends and future challenges - Iryna Makarenko
12:00-12:20	Viktor LAGUTOV Central European University, Hungary	Environmental Security in the Azov Sea Basin - Viktor Lagutov
12:20-12:40	Marius POPESCU Ovidius University of Constanta, Romania	The role of tourism geography in the protection of marine environment – Marius Popescu, George-Marius Cracu, Maria-Cornelia Urdea
12:40-13:00	Maria TEOHAREVA Black Sea Economic Centre, Bulgaria	Creation of a Black Sea Network for Sustainable Tourism Development in Bulgaria, Romania, Ukraine, Moldova and Georgia (BS Tourism Net) - Maria Teohareva, Petar Radushev, Marjana Oleskiv, Kateryna Stepanova, Mariana Golumbeanu, Kakhaber Bilashvili, Natasha Goriup, Adrian Gilca
13:00-15:00	Lunch (Anthurium Restaurant - ground floor)	
Day 3	Speaker	Wednesday, October 30th, 2013
Symposium "PROTECTION AND SUSTAINABLE MANAGEMENT OF THE BLACK SEA ECOSYSTEM, THIRD MILLENNIUM IMPERATIVE" VIth Edition Chair: Eugen RUSU Rapporteur: Tania ZAHARIA ORHIDEEA ROOM (10th floor)		
9:30-10:15	Simion NICOLAEV NIRDEP-NIMRD "Grigore Antipa", Romania	Report on the State of the Marine and Coastal Environment in 2012 - 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	Eden MAMUT Ovidius University of Constanta, Romania	Active Protection of Coastal Areas Against Erosion Using Multifunctional Mobile Platforms - Eden Mamut, Constantin Gheorghe, Laurentiu Oancea



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10:45- 11:15	Eugen RUSU Lower Danube University of Galati, Romania	<i>A Data Assimilation Scheme to Improve the Wave Predictions in the Black Sea at the Entrance of the Danube Delta</i> - Eugen Rusu, Dorin Butunoiu, Liliana Rusu
11:15- 11:45	Coffee break	
11:45- 12:15	Gabriel Mihai POPESCU SC Elcomex Aqua SRL, Romania	<i>Marine Fish Farm in Recirculating System</i> - Gabriel Mihai Popescu, Victor Cristea
12:15- 12:45	Nicolas SBURATURA Recovery Solutions Consulting Srl, Finland	<i>ORS-Sorb product presentation (Oil sorbent)</i>
13:00- 15:00	Lunch (Anthurium Restaurant - ground floor)	
15:00- 16:20	Poster session and Books presentations	
16:20- 16:50	Coffee break	
16:50- 18:00	Discussions Conclusions Recommendations	

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

Note that posters have the same importance as oral presentations!

BS GES CONFERENCE	
Chairs: Nicolae SDRULA, Georgeta BANDOC, Carolina CONSTANTIN MAGNOLIA I ROOM (1st floor)	
Session 1 - Pollution and eutrophication	
S1-1	Results of Water and Bottom Sediments Pollution Studies in the Zmiinyi Island area of the Black Sea in 2011-2012 - Yu. Denga, V. Medinets, Yu. Zarubin, K. Tsimbalyuk, Gruzova, S. Snigirov
S1-2	Heavy Metal concentrations in sediment from Sinop coast of the Black Sea, Turkey - Levent Bat, Hasan Can Öztekin
S1-3	Recent State of Varna Bay - Galina Shtereva, Ogniana Hristova
S1-4	BlackSeaTrack Web as decision-support operational tool for the Black Sea environmental safety - Alexander Kubryakov, Gennady Korotaev
S1-5	Some Aspects Concerning Polymer Bicomponent Membranes for Sea Water Pollution Prevention - Teodor Sandu, Ana M. Florea, Andrei Sârbu, Liliana Sarbu, Steluta Apostol



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S1-6	Organochlorine compounds in tissues of the Black Sea turbot from Sevastopol coastal area in 2008, 2009 and 2013 - Malakhova L., Giragosov V., Khanaychenko A., Malakhova T., Smirnov D
S1-7	Results of Hydrobionts Pollution Studies in the Zmiinyi Island area of the Black Sea in 2011-2013 - V. Medinets, Yu. Denga, S. Snigirov, T. Vostrikova, I. Gruzova
S1-8	Composition of microflora of the upper respiratory tract of the Black sea bottlenose dolphin (<i>Tursiops truncatus</i>) in captivity condition - Denisenko Tatyana, Sokolova Olga, Komogorova Elena, Mikhalev Yuriy
S1-9	Seasonal variability of suspended matter's content and rate of its sedimentation in photic layer of Black Sea waters - E.Z. Samyshev
S1-10	Level of pollution of sediments in coastal and oceanic regions of the Black Sea - Ernest Samyshev, Natalia Minkina, Irina Orlova
S1-11	Seasonal Variability of Western Black Sea Hydrochemical Structure (Bulgarian part) - Galina Shtereva, Boryana Dzhurova
S1-12	Chemical status of Varna Bay - research of coastal water quality - Anna Staneva, Daniela Toneva
S1-13	Use of IDEXX Quanti-Tray System for Rapid Assessment of Faecal Indicator Bacteria (FIB) in the Coastal Black Sea Surface Waters - Stoica Elena, Gilea Beatrice, Popescu Carmen
S1-14	Heavy metals in water and bottom sediments of Odessa region of the Black Sea - Sergey Dyatlov, Irina Makovetskaya
S1-15	Dinoflagellate cysts in the Mediterranean and Marmara Sea as proxies of eutrophication and HAB appearance - A. Giannakourou, A. Venetsanopoulou, M. Balci, N. Balkis, K. Pagou
S1-16	Application of Nematode/Copepod Index in the Black Sea: Any indication for use in monitoring of organic pollution? - Murat Sezgin, Derya Ürkmez, Melek Ersoy Karaçuha
S1-17	Marine litter quantification in the Black Sea - a pilot assessment - Snejana Moncheva, Kremena Stefanova, Anton Krastev, Anatoly Apostolov
S1-18	SEAMOBILE applications-marine data and forecast services available on mobile devices - Coman C., Zodiatis G., Hayes, D. Schaap D.; Karaolia A.
S1-19	Nitrogen Problem for the Black Sea Ecosystem - Medinets Sergiy
S1-20	Assessment of pollutants input from land-based sources in the Bulgarian coastal area - Galina Shtereva
S1-21	40 years analysis on the Wave characteristics and recent observations on Currents Regime along the Western Black Sea Coast - Luminita Buga, Maria Emanuela Mihailov, Maria Ionela Tomescu-Chivu, Sabina Stefan
Session 2 - Biodiversity and ecosystem functioning	
S2-1	Checklist of Sevastopol coastal zone (Black Sea) dinoflagellates - Bryantseva Yu., Krakhmalnyy A., Velikova V., Sergeeva A., Skuratova K., Gorbunov V



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S2-2	The changes in the diversity and abundance of the harpacticoid copepods (Crustacea) distributed in the upper-infralittoral zone of the Black Sea (Sinop, Turkey) - Ersoy Karaçuha M., Sezgin M.
S2-3	Annual vegetation along the shorelines (the habitat 1210) in the coastal area of Danube Delta Biosphere Reserve - Fagaras Marius, Bercu Rodica
S2-4	Effects of the Trophically Valuable Components and Toxic Components of Dissolved Organic Matter on the Growth of Microalgae Dinophytes - Erokhin V.E., Gordienko A.P
S2-5	New Data on the State of Phytoplankton Community in the Ukrainian Black Sea Waters - Galya Terenko, Svetlana Kovalyshyna, Maria Grandova
S2-6	Results of Phytoplankton Pigments Studies in the Zmiinyi Island coastal waters in the Black Sea, 2004-2012 - N. Kovalova, V. Medinets, Ye. Kovalova
S2-7	The use of scanning electron microscopy for the toxic Dinoflagellata species identification - Krakhmalnyy A., Bryantseva Yu., Velikova V., Sergeeva A., Skuratova K., Gorbunov V., Alekseenko I.
S2-8	Phytoplankton - key biological element in the shallow marine waters - Oana Marin, Valeria Abaza
S2-9	Live agglutinated foraminifera from surface sediments of Sinop coasts (Southern Black Sea, Turkey) - İbrahim Öksüz, Murat Sezgin, Engin Meriç
S2-10	Biodiversity Monitoring in Turkey using GIS - Erdal Özudođru, Emine Sühendan Karauz, Ahmet Ozan Çekiç, Gencay Serter, Etem Akgündüz
S2-11	Phytoplankton winter bloom in the Black and Caspian seas - L.A. Pautova, S.V. Vostokov, V.A. Silkin
S2-12	Distribution and Abundance of Cetaceans in the Romanian Marine Area - Radu G., Anton E., Nenciu Magda, Spanu Alina
S2-13	Pelagic communities of seaports and resort cities of the Northeastern of the Black Sea (Russian sector) - Selifonova Zh.P
S2-14	Shallow Water Meiofaunal Dynamics at the Southern Black Sea - Murat Sezgin, Derya Ürkmez, Melek Ersoy Karaçuha, İbrahim Öksüz
S2-15	Alien species <i>Anadara kagoshimensis</i> (Bivalvia) in the Black sea region: genetic analysis - Simakova U.V., Lutaenko K.A., Neretina T.A., Kolyuchkina G.A.
S2-16	Bluefish <i>Pomatomus saltatrix</i> (L., 1766) horse mackerel <i>Trachurus mediterraneus ponticus</i> Aleev, 1956 diet in the Zmiinyi Island coastal waters - Sergiy Snigirov
S2-17	Factors influencing the initiation of spring bloom of the coccolithophorid <i>Emiliania huxleyi</i> in the Black Sea - L. V. Stelmakh, E. Yu. Georgieva, I. I. Babich, N.Yu. Rodionova
S2-18	A preliminary study on the mollusk fauna of İğneada region (Black Sea, Turkey) - Fikriye Ünlüer, Murat Sezgin, Bilal Öztürk



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S2-19	Attempt for the use of nematode diversity to evaluate the ecological quality status: an example for the Black Sea - Derya Ürkmez, Murat Sezgin, Levent Bat
S2-20	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 - Derya Ürkmez, Michael L. Brennan
S2-21	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
S2-22	Phytoplankton Population Structure Dynamics in Coastal Waters of the Zmiinyi Island in the Black Sea (2004-2012) - N. Dereziuk, V. Medinets
S2-23	Ecological Quality Assessment of Coastal Waters Using Zoobenthic Communities: A case study from Sinop Bay of the Black Sea, Turkey - Murat Sezgin, Tuncer Katağan, Levent Bat, Derya Ürkmez, Alper Doğan
S2-24	The Black Sea microalgae and cyanobacteria in human affairs - Evgeny Gol'din
S2-25	Plankton indicators - a concept for GES assessment for MSFD implementation in the Black Sea - Snejana Moncheva, Kremena Stefanova
Session 3 - Socio-economic impact on marine environment	
S3-1	Evolving characteristics and potential evapotranspiration in the coastal deltaic Sfantu Gheorghe - Bandoc Georgeta, Dragomir Elena, Golumbeanu Mariana, Mateescu Razvan
S3-2	Land use change scenarios for Black Sea catchment - Mancosu, E
S3-3	Demersal fisheries dynamics at the Romanian Black Sea coast, during 2000 - 2012 - Valodia Maximov, Simion Nicolaev, Gheorghe Radu, Eugen Anton, Tania Zaharia
S3-4	Organizational and Legal Background to Fisheries Management in a Responsible Manner in Ukraine - Alexander Mikhaylyuk
S3-5	State of the Fishery Resources in the Romanian Marine Area - Radu G., Maximov V., Anton E., Cristea Madalina, Tiganov G., Totoiu Aurelia, Spanu Alina
S3-6	Peculiarities of driftnet fisheries in Bulgarian marine area – Violin St.Raykov, George Triantaphyllidis
S3-7	Global popularization of E-repositories in the marine informational environment - K. Kulakova, B.Trotsenko
Session 4 - Integrated Coastal Zone Management	
S4-1	Evaluation of the risks of floods and freshets at the mouths of the rivers of Kolkhety Lowland, Georgia - Davit Kereselidze, Kakhaber Bilashvili, Vazha Trapaidze
S4-2	The North-Western part of the Black Sea coasts changes - E. Cherkez, S. Shatalin, V. Shmuratko, T. Pavlik, V. Medinets
S4-3	Researches regarding marine environment corrosion on coastal structures - George Poteras, Mihaela Andreea Moncea, Ana Maria Panait



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S4-4	A governance analysis of the opportunities for implementing Marine Spatial Planning in the Black Sea - Cor Schipper, Patricia Schouten, Ruben Vogel, Marc Rijnveld, Adriaan Slob and Jan van Dalftsen
S4-5	Influence of climate changes on water balance, sea level and coastal line of the Black Sea - Goryachkin Yuri.N
Session 5 - Climate change and its impact on marine ecosystems	
S5-1	Correspondence of the maximums in the course of inter-annual level of the Black Sea to the El Niño - Andrianova Olga, Batyrev Oleksiy
S5-2	The use of renewable energies at the Romanian coast of the Black Sea - Bandoș Georgeta, Degeratu Mircea, Florescu Ana Maria, Dragomir Elena
S5-3	Characteristics of wind-driven upwelling in the Black Sea coastal zone of Ukraine and its long-term variability - Evstigneev V.P., Naumova V.A., Evstigneev M.P
S5-4	Interannual variability of winter-spring cyclones over the Black Sea and its manifestations in some marine ecosystem parameters - V.N. Maslova, E.N. Voskresenskaya, A.S. Kukushkin
S5-5	Long-term Changes of Nutrients Concentrations of Surface Waters in the Zmiinyi Island Area - V.Medinets, N.Kovalova, I.Gruzova, S.Kotogura, A.Mileva, S.Medinets, S.Snigirev, O.Konareva
S5-6	Long-term variability of wind speed in the coastal zone of Azov-Black Sea region of Ukraine - Naumova V.A., Evstigneev V.P., Evstigneev M.P
S5-7	Space-Time Variability of the Wind Stress Curl and Wind Direction over the Black Sea - I.G. Shokurova, A.B. Polonsky
S5-8	Long-term changes of physical & chemical characteristics of surface waters in the Zmiinyi Island area of the Black Sea - V. Medinets, N. Kovalova, Ye. Gazyetov, S. Snigirev, I. Soltys
S5-9	The cosmic ray muon flux on the Black Sea coast - B. Mitrica, R. Margineanu, A.M. Blebea-Apostu, C. Gomoiu, D. Stanca
Session 6 - Ecosystem modeling	
S6-1	Modelling Long-Term Variability of the Black Sea Dynamics - V. Dorofeyev, G. Korotaev, L. Sukhikh
S6-2	Water Security in the Azov Sea basin: assessing ecosystem goods and services of the Tsimlyansk reservoir - Irina Gilfanova, Viktor Lagutov
S6-3	Assessment of Romanian Alpine habitats spatial shifts based on climate change prediction scenarios - A. Constantinescu, J. Hanganu J., N. Ray
S6-4	Use of Optimization Method of Hooke-Jeeves in Calibration of Parameters of Biogeochemical Model - Kira Slepchuk



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NIMRD SYMPOSIUM	
Chairs: Luminita Buga, Florin Timofte, Valodea Maximov, Mariana Golumbeanu	
MAGNOLIA I ROOM (1st floor)	
Session I - Oceanography and Coastal Engineering	
SY1-1	Evolution of the Black Sea Shore in the Danube Delta Biosphere Reserve Area - Danut Diaconeasa, Silica Petrisoia, Gheorghe Munteanu, Răzvan Doru Mateescu, Alina Daiana Spinu
SY1-2	Sea Level Oscillations and Methodological Implications in the Coastal Dynamics Assessments - Viorel Malciu
SY1-3	Contributions to Achievement of a Video and Lighting System for Underwater Remote Controlled Vehicle - Victor Costencu, Adrian Niculescu, Gabriel Ganea, Silviu Ionita
SY1-4	Nutrient Levels and Eutrophication of the Romanian Black Sea Waters (2006-2011) - Assessment Related to the Marine Strategy Framework Directive Implementation - Luminita Lazar, Laura Boicenco, Valentina Coatu, Andra Oros, Daniela Tiganus, Maria - Emanuela Mihailov
SY1-5	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 - Valentina Coatu, Daniela Tiganus, Andra Oros, Luminita Lazar
SY1-6	Identification of the Sources of Polycyclic Aromatic Hydrocarbons in Sediments in the Romanian Black Sea Sector - Daniela Tiganus, Valentina Coatu, Luminita Lazar, Andra Oros, Alina Daiana Spinu
SY1-7	The Wave Field Conditions in the Presence of a Hybrid Wave-Wind Farm Located in the Romanian Nearshore - Andrei Tanase Zanolpol, Florin Onea, Eugen Rusu
Session II - Marine Ecology and Environmental Protection	
SY2-1	Recent Data on the Benthic Populations from the Sandy Bottom Community in the Marine Zone of the Danube Delta Biosphere Reserve (ROSCI0066) - Camelia Dumitrache, Florin Timofte, Adrian Filimon, Tania Zaharia, Valeria Abaza
SY2-2	Compliance Level of the Waters Quality for Molluscs in the Black Sea According to the EU Legislation - Daniela Rosioru, Luminita Lazar, Andra Oros, Valentina Coatu, Elena Stoica
SY2-3	Assessing the Nematode Infestation Degree of Commercial Clupeids at the Romanian Coast - Aurelia Totoiu, Tania Zaharia, Elena Dumitrescu, Valodia Maximov, Magda Nenciu, Madalina Cristea
SY2-4	Comparison of the Effects of Natural Antioxidants - Vitamin E and Cătinofort (<i>Hippophae rhamnoides</i> Natural Extract) - on the Body of Divers in Saturation - Cezarina Dincu, Magda Nenciu, Alexandru Deftu, Maria Luisa Flonta



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SY2-5	Spring Season Phytoplankton Communities in Romanian Black Sea Waters - Laura Boicenco, Oana Vlas, Luminita Lazar
SY2-6	Seawater Treatment by Ion Flotation - Carolina Constantin, L. Stoica
SY2-7	A Scientific Network for the Prevention of Environmental Hazards in the Black Sea Basin - K. Papatheodorou, L. Tofan, M.J. Adler, Z. Prefac, M. Lungu, M. Arpentì, I. Omer, M. Golumbeanu
Session III - Marine Living Resources	
SY3-1	Evolution of Romanian Marine Fisheries Following EU Accession - Gheorghe Radu, Simion Nicolaev, Eugen Anton, Valodia Maximov
SY3-2	State of the Romanian Black Sea Turbot (<i>Psetta maxima maeotica</i> L.) Resources - Valodia Maximov, Tania Zaharia, Simion Nicolaev, Gheorghe Radu
SY3-3	Ecological Methods for Improving the Epibiotic Biofilter in the Rocky Coastal Areas Affected By Anthropogenic Impact - Cornel Ursache, Tania Zaharia, Magda Nenciu
SY3-4	Ecologically Efficient Solutions to Reduce the Dolphin By-Catches in Gillnets - Eugen Anton, Gheorghe Radu, Magda Nenciu
SY3-5	The Situation of Marine Litter Collected During Demersal Surveys in 2012 in the Romanian Black Sea Area - Eugen Anton, Gheorghe Radu, George Tiganov, Madalina Cristea, Magda Nenciu
Session IV - Ecological Education	
SY4-1	Environmental Assessment Training of Researchers from the Mediterranean and the Black Sea - Mariana Golumbeanu, Andra Oros, Dragos Micu, Magda Nenciu, Federica Foglini, Marco Zavatarelli, Aldo Drago
SY4-2	Ecological Education - Management Tool for Vama Veche - 2 Mai Marine Reserve - Victor Nita, Magda Nenciu, Adrian Filimon, Tania Zaharia, Mariana Golumbeanu



International Black Sea Day Celebration Program

Thursday, 31st October, 2013
ORHIDEEA CONFERENCE ROOM (10th 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">• Representative of Romanian Academy• Representative of Constanta Municipality• Statements from the Black Sea Commissioners	
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	