

PROGRAMME OF EMECS'11 – SEACOASTS XXVI JOINT CONFERENCE
Managing risks to coastal regions and communities in a changing world

August 22, Monday

13.00 - 18.00	Registration of participants. "AZIMUT Hotel St.Petersburg", <u>2d floor</u> .
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August 23, Tuesday

08.30 - 15.00	Registration of participants. "AZIMUT Hotel St.Petersburg", <u>2d floor</u> .
09.30 - 10.00	Opening of the conference. "AZIMUT Hotel St.Petersburg", <u>Azumut-Hall, 2 floor</u> .
10.00 - 10.20	Coffee-break
10.20 - 12.00	Plenary session. (Chairman: Maswata Furukawa) "AZIMUT Hotel St.Petersburg", <u>Azumut-Hall, 2 floor</u> .
10.20 – 10.50	<i>Andrey Zatsepin, P.P. Shirshov Institute of Oceanology RAS, Russia</i>
PT 1	Short-term variability of coastal zone hydrodynamics under an external forcing: observations at the Black Sea research site of SIO RAS
10.55 – 11.25	<i>Motoyuki Suzuki, President, International Center for Environmental Management of Enclosed Coastal Seas (International EMECS Center), Japan</i>
PT 2	Human Activities and Coastal Seas (tentative)
11.30 – 12.00	<i>Evangelos Papathanasiou, Hellenic Centre for Marine Research, Greece</i>
PT 3	Tools and specific recommendations for policy makers based on the results of the PERSEUS EU Project
12.00 - 12.30	Photosession "AZIMUT Hotel St.Petersburg", <u>Main entrance</u> .

12.30 - 14.00

Lunch.

“AZIMUT Hotel St.Petersburg”, restaurant, 1 floor.

“AZIMUT Hotel St.Petersburg”	<u>Room Berlin, 18 floor</u> ICM and Satoumi Special Session (Chairman: Tetsuo Yanagi)	<u>Room Moscow, 18 floor</u> Coastal erosion and dynamical processes in the nearshore zone (Chairman: Boris Chubarenko)	<u>Room Wien, 18 floor</u> Coastal and marine ecosystems: monitoring and modeling (Chairman: Homayoun Khoshrahan)
14.00 – 14.15	O1 Tetsuo Yanagi Development of Coastal Management Method to Realize the Sustainable Coastal Sea	O11 Nikolay Lugovoy, Askar Ilyasov, Elena Pronina, Vladimir Belyaev Investigations of the Baltic Sea coastal zone above-water part topography dynamics by means of terrestrial laser scanner (Svetlogorsk City, Kaliningrad Region)	O53 Shohei Morisawa, Yukio Komai, Takao Kunimatsu Evaluation of Mountain Area as Non-Point Source of Nitrogen for Seto Inland Sea: The Northern Shikoku Region, JAPAN
14.15 – 14.30	O2 Tetsuji Okuda, Satoshi Sekitou, Akira Umehara, Satoshi Asaoka, Satoshi Nakai, Wataru Nishijima Fate of Silts and Clay from River and its Contribution to Transparency	O12 Andrei Sokolov, Boris Chubarenko Conditions favourable for protection the marine shore of the Vistula Spit and Sambian Peninsula (the Baltic Sea, Kaliningrad Oblast) by offshore disposal of dredged material	O54 Alla Varenik, Sergey Konovalov Atmospheric N deposition to the coastal area of the Black Sea: sources, intra-annual variations and importance for biogeochemistry and productivity of the surface layer.
14.30 – 14.45	O3 Teruhisa Komatsu, Shuji	O13 Lyudmila Bespalova, Olga	O55 Julia Gorbunova, Boris

	<p><i>Sasa, Shigeru Montani, Osamu Nishimur, Takashi Sakamaki, Chihiro Yoshimura, Manabu Fujii, Tetsuo Yanagi</i></p> <p>Satoumi approach for realizing sustainable coastal use in a rias-type bay: a case of Shizugawa Bay in Sanriku Coast hit by the huge tsunami on 11 March 2011</p>	<p><i>Ivlieva, Alla Tsygankova, Alexander Ioshpa, Irina Sknarina, Larisa Kropyanko</i></p> <p>Modern abrasion processes of the Azov Sea coast</p>	<p><i>Chubarenko, Dmitry Domnin, Jens Christian Refsgaard</i></p> <p>Assessment of nutrient load on the Pregolya river basin (Vistula lagoon catchment) from the anthropogenic sources</p>
14.45 – 15.00	<p>O4 <i>Takafumi Yoshida, Liu Qian, Zhang Jing, Katsumi Takayama, Naoki Hirose</i></p> <p>Management for sustainable use of international semi enclosed sea, Sea of Japan</p>	<p>O14 <i>Elena Fedorova</i></p> <p>Dynamics of the Anapa Bay-Bar submerge slope</p>	<p>O56 <i>Alexander Polukhin, Evgeniy Yakushev, Petr Makkaveev, Elizaveta Protsenko, Shamil Yakubov, Andre Staalstrøm, Svetlana Stepanova, Pavel Khlebopashev, Marit Norli, Hans-Frederik Braaten</i></p> <p>Influence of melting glaciers on hydrochemical structure of coastal ecosystem of Western Spitzbergen</p>
15.00 – 15.15	<p>O5 <i>Kenichi Nakagami, Obata Norio, Takao Katsuki Uehara Takuro, Sakurai Ryo, Ota Takahiro, Yoshioka Taisuke, Niu Jia, Chen Xiachen, Mineo Keito</i></p> <p>The Integrated Coastal Zone</p>	<p>O15 <i>Vladimir Fomin, Ludmila Kharitonova, Dmitrii Alekseev, Elena Ivancha</i></p> <p>Morphodynamics of the Bakalskaya Spit of the Black Sea</p>	<p>O57 <i>Kuninao Tada, Kazuhiko Ichimi, Miho Kayama, Ayaka Ikemoto, Tetsuya Nishikawa, Hitomi Yamaguchi, Tsuneo Honjo</i></p> <p>Nutrient decrease in the Seto Inland Sea, Japan, and the response of phytoplankton</p>

	Management Based on Ecosystem Services		assemblage to the decrease
15.20 - 15.40	Coffee-break		
“AZIMUT Hotel St.Petersburg”	<u>Room Berlin, 18 floor</u> ICM and Satoumi Special Session (Chairman: Tetsuo Yanagi)	<u>Room Moscow, 18 floor</u> Coastal erosion and dynamical processes in the nearshore zone (Chairman: Sergey Kuznetsov)	<u>Room Wien, 18 floor</u> Coastal and marine ecosystems: monitoring and modeling (Chairman: Erdal Ozhan)
15.40 – 15.55	O6 <i>Keizo Negi, Takuya Ishikawa, Kenichiro Iba</i> Measures for Water Environmental Management	O16 <i>Svetlana Rubtsova, Iryna Agarkova-Lyakh, Natalya Lyamina, Aleksey Lyamin</i> Modern state and dynamic of the beaches of Kalamitskiy Bay in the Western Crimea	O58 <i>Ishizuka Masahide</i> Sewerage development effects on the long-term variations of organic matters and nutrients: A case study of Akashi river basin in the Seto Inland Sea
15.55 – 16.10	O7 <i>Robert Michael Summers</i> Ensuring successful and sustainable restoration and protection of coastal waters: the Chesapeake Bay Total Maximum Daily Load Plan	O17 <i>Dmitry Kuznetsov, Anatoliy Kamalov, Nataliya Belova, Natalia Shabanova, Stanislav Ogorodov</i> Monitoring the dynamics of thermoabrasion coasts at Kharasavey Area, Western Yamal (Kara Sea)	O59 <i>Yukio Komai, Mana Sakata, Masaki Nakajima, Sae Tanaka</i> Release of Nutrients from Bottom Sediments in Osaka Bay, Japan in 2015
16.10 – 16.25	O8 <i>David A. Nemazie , Adelina Santos-Borja, Jocelyn Sta. Ana, Vanessa Vargas, Simon Costanzo, Nancy Bermas</i> Developing an Environmental	O18 <i>Petr Brovko</i> Evolution of coastal lagoons of the Sakhalin Island	O60 <i>Ekaterina Voloshchuk, Tatjana Eremina, Alexey Isaev</i> Assessment of bioturbation activity of <i>Marenzelleria</i> Spp. in the Eastern Part of the Gulf of

	Health Report Card for Laguna de Bay, Philippines		Finland
16.25 – 16.40	O9 <i>Indrakoesmaya Sachoemar Suhendar, Tetsuo Yanagi, Mitsutaku Makino, Akihiko Morimoto, Ratu Siti Aliah</i> Implementation of Sustainable Aquaculture as a Model of Sato Umi to Improve Productivity within Coastal Area of Indonesia	O19 <i>Veliko Zelev Dachev</i> Evolution of sandy beach in the city of Varna	O61 <i>Andrey Kuznetsov, Yury Fedorov, Fattal Paul</i> Chronology of contemporary sedimentation and pollutants accumulation in the bottom sediments of the Sea of Azov
16.40 – 16.55	O10 <i>Ruben Kosyan, Viacheslav Krylenko</i> Development of the basic criteria for Russian coasts typification	O20 <i>Olga Kuznetsova, Yana Saprykina, Boris Divinsky</i> Underwater barred beach profile transformation under different waves conditions	O62 <i>Maria Kasatenkova, Nicolay Kasimov, Mihail Lychagin</i> Changes in background concentrations of metals in the sediments of marsh-lagoon landscapes of the Western Caspian
16.55 – 17.10	<i>Discussion</i>	O21 <i>Nikolai Petrov, Inna Nikonorova, Vladimir Mashin</i> Landslide risk management in the coastal zone of the Kuibyshev reservoir due the design of high-speed line "Moscow-Kazan"	<i>Discussion</i>
18.00 - 20.00	Ice-breaker. RSHU, Rizhsky pr., 11		

August 24, Wednesday

Russian State Hydrometeorol ogical University	<u>Room 407, 4 floor</u> Coastal Forecast of Russian tideless seas development (Chairman: Ruben Kosyan)		<u>Room 307, 3 floor</u> Coastal and marine ecosystems: monitoring and modeling (Chairman: David Nemazie)
09.00 – 09.15	O22 <i>Boris Chubarenko, Alexander Babakov</i> Sediment transport near the Vistula Spit (Baltic Sea)		O63 <i>Satoshi Chiba, Maki Oyagi, Hideki Kokubu, Yoshinori Tanimura, Haruki Amano, Junji Niinomi, Kensuke Takenouchi, Toshiyuki Kobayashi</i> Field Survey for Refractory Organic Matter Quantity in the Marine Sediment of Ise Bay and Evaluation of its Effect to the Persistency of Hypoxic Water Generation
09.15 – 09.30	O23 <i>Konstantin Karmanov, Boris Chubarenko</i> Long-term dynamics in locations of coastline of the Vistula Spit by results of the satellites images analysis		O64 <i>Maotian Li</i> Sedimentary BSi and TOC in the Changjiang estuary, China: signature to drastic change of river-basin alteration and warming SST
09.30 – 09.45	O24 <i>Viacheslav Krylenko, Alexandr Aleynikov, Marina Krylenko</i>		O65 <i>Natalia Orekhova, Eugene Medvedev, Sergey Konovalov</i> Carbonate System Transformation

	Seashore Dynamics of the Anapa Bay-Bar		in the Sevastopol Bay (The Black ea)
09.45 – 10.00	O25 Margarita Shtremel New approach to coastal zone vulnerability classification		O66 Hayami Yuichi Decadal scale variation in bottom DO and COD dynamics in the inner area of Ariake Sea, Japan
10.00 – 10.15	O26 Igor Podymov , Tatiana Podymova Geoecological assessment of dangerous natural processes development for the Black and Azov seas coasts within the Taman region		O67 Hua Zhang Hypoxia in the Semi-Enclosed Bohai Sea
10.15 – 10.30	<i>Discussion</i>		O68 Inga Lazarchuk, Igor Timchenko Mapping biochemical fields in the upper layer of the Black Sea by the adaptive balance of causes method
10.30 – 11.00	Coffee-break, RSHU, 4 floor		
Russian State Hydrometeorological University	<u>Room 407, 4 floor</u> Sustainable use and development of coastal resources: effective	<u>Room 207, 2 floor</u> Coastal systems and their dynamics (from coast to water and from water to coast)	<u>Room 307, 3 floor</u> Coastal and marine ecosystems: monitoring and modeling (Chairman: Evangelos

(RSHU)	management and approaches (Chairman: Kaori Fujita)	(Chairman: Eugeny Godin)	Papathanasiou)
11.00 – 11.15	O101 <i>Evgeniy Istomin, Alexander Sokolov, Anna Fokicheva, Ludmila Slesareva, Nikolay Popov</i> The management of hydrometeorological risks in socio-economic systems of coastal areas	O27 <i>Yasuo Niida, Norikazu Nakashiki, Shin'ichi Sakai, Takaki Tsubono</i> A Three-dimensional Model of Discharged Cold Water Jet in Coastal Area	O69 <i>Vladimir Plotnikov, Vyacheslav Dubina</i> Ecological justification of formation of bio-productivity in Peter the Great Bay (Japan/East Sea)
11.15 – 11.30	O102 <i>Evgeny Istomin, Alexander Sokolov, Valery Abramov, Anna Fokicheva, Ludmila Slesareva, Nikolay Popov</i> Methodological aspects of risk management development of the coastal areas	O28 <i>Alexander Ostrovskii, Vyacheslav Lobanov, Aleksandr Sergeev, Jae-Hun Park, Young-Gyu Park</i> Moored profiler observations of submesoscale cold-core eddies in Peter the Great Bay of the East/Japan Sea in late winter	O70 <i>Akira Umehara, Satoshi Asaoka, Naoki Fujii, Sosuke Otani, Hironori Yamamoto, Satoshi Nakai, Tetsuji Okuda, Wataru Nishijima</i> Energy transfer efficiencies on lower trophic levels with intensive oyster farming in Hiroshima Bay, Japan
11.30 – 11.45	O103 <i>Roy Joyashree, Satabdi Datta, Preeti Kapuria, Indrila Guha, Rajarshi Banerji, Md. Giashuddin Miah, Rafiqul Islam, Janaka Rainasiri, P. B. Terney</i>	O29 <i>Natalia Evstigneeva, Sergey Demyshev</i> Numerical simulation of meso- and submesoscale features of the north-western Black Sea shelf	O71 <i>Yizhe Zheng, Kyohei Hayashi, Takumi Matsuno, Megumu Fujibayashi, Munehiro Nomura, Osamu Nishimura, Takashi Sakamaki</i>

	<i>Pradeep Kumara, Chinthaka Samarawickrama Lokuhetti, Shamen Prabhath Vidanage</i> Coastal Ecosystems and Changing Economic Activities: Challenges for Sustainability Transition	circulation using high spatial resolution	Interactions between biogeochemical environment and suspended oyster farming in Shizugawa Bay, Japan
11.45 – 12.00	O104 <i>Alexandr Krivichev</i> The approaches to the solving environmental and economic problems of sustainable development on the shelf of the Arctic seas of the Russian Federation	O30 <i>Dmitry Kaplunenko, Alexander Ostrovskii, Vyacheslav Lobanov, Olga Trusenкова, Svetlana Ladychenko, Timofei Gulenko, Yan Rudykh, Dmitry Shvov, Maxim Budyansky</i> In situ observations of the shelf-slope water exchange under the monsoon conditions in the Primorye Current zone (the Japan Sea)	O72 <i>Jing Zhang</i> Food web characterization using carbon and nitrogen isotope analysis in the Toyama Bay and the Sea of Japan.
12.00 – 12.15	O105 <i>Svetlana Rubtsova, Natalya Lyamina, Aleksey Lyamin</i> Development of scientific foundation for solving environmental and hydrobiological problems of integrated coastal zone	O31 <i>Osip Kokin, Stanislav Ogorodov, Nataliya Belova, Dmitry Kuznetsov, Natalia Shabanova</i> Complex monitoring of geocryological structure and ground temperature regime of the Arctic coastal zone in the areas of infrastructure construction	O73 <i>Morimoto Akhiko</i> Impact on lower trophic ecosystem in the Japan Sea associated with nutrient transport change through Tsushima Strait

	management		
12.15 – 12.30	O106 <i>Tatiana Volkova, Vera Minenkova, Denis Dony, Anatoly Filobok, Diana Pinchuk</i> Factors influencing the formation and realization of the transboundary natural management policy in Azov-Black sea basin	<i>Discussion</i>	O74 <i>Guo Xinyu, Wang Yucheng, Kubota Taishi, Yoshie Naoki</i> On the interannual variations of Japanese common squid (<i>Todarodes pacificus</i>) resources in the Japan Sea
12.30 – 14.00	Lunch. “AZIMUT Hotel St.Petersburg”, restaurant, 1 floor.		
“AZIMUT Hotel St.Petersburg”	<u>Room Berlin, 18 floor</u> Sustainable use and development of coastal resources: effective management and approaches (Chairman: Olli Varis)	<u>Room Moscow, 18 floor</u> Coastal systems and their dynamics (from coast to water and from water to coast) (Chairman: Alexander Ostrovski)	<u>Room Wien, 18 floor</u> Coastal and marine ecosystems: monitoring and modeling (Chairman: George Zodiatis)
14.00 – 14.15	O107 <i>Kenichiro Iba, Takuya Ishikawa, Keizo Negi</i> New Direction for Water Environmental Management in the Seto Inland Sea	O32 <i>Amantov Aleksey, Fjeldskaar Willy</i> Ice Age and Coastal Adaptations	O75 <i>Toshimasa Asahi, Kazuhiko Ichimi, Kuninao Tada</i> Nutrient dynamics in eelgrass (<i>Zostera marina</i>) meadow and the variation of nutrient contents of eelgrass
14.15 – 14.30	O108 <i>Osamu Matsuda</i> Recent shift of management	O33 <i>Valentina Kravtsova, Ekaterina Chalova, Ekaterina</i>	O76 <i>Kenji Sugimoto</i> Long-term changes in established

	<p>policies of the Seto Inland Sea, Japan with special reference to promotion of Satoumi activities</p>	<p><i>Krylenko, Olga Tutubalina, Arina Falaleeva</i> Mapping of variations in the Anapa bay bar landscape-morphologic structure with high-resolution satellite images</p>	<p>Zostera bed inside of the breakwater</p>
14.30 – 14.45	<p>O109 <i>Satoquo Seino</i> Collaborative Observation of Oceanographic Drift Buoys Deployed along the Tsushima Is. Coast to Establish an Effective Marine Protected Area</p>	<p>O34 <i>Izmail Kantarzh, Mark Zheleznyak, Igor Leont'yev</i> Modeling and Monitoring of the Processes in the Coastal Zone of Imeretinka Lowland, Black Sea, Sochi</p>	<p>O77 <i>Masafumi Natsuike, Tetsuro Kikuchi, Ying Ping Lee, Yuta Endo, Yuhe Liu, Manabu Fujii, Chihiro Yoshimura</i> Iron availability by coastal diatom <i>Chaetoceros</i> sp. in the Shizugawa Bay, Japan</p>
14.45 – 15.00	<p>O110 <i>Yuliya Lednova, George Gogoberidze</i> Integrated indicator assessment of coastal sensitivity to marine port activities</p>	<p>O35 <i>Ilya Lebedev</i> Distribution sediments of the tsunami 1983 and 1993 years in the coastal area of Eastern Primorye</p>	<p>O78 <i>Elena Vasechkina, Irina Kazankova</i> Aggregation impact on the filtration and growth rates of mussels <i>Mytilus galloprovincialis</i> lam</p>
15.00 – 15.15	<p>O111 <i>Vladimir Zhigulsky, Vladimir Shuisky, Ekaterina Maksimova, Tatjana Bylina, Natalia Solovey, Tatjana Maksimova</i> Previous experience and prospects of using certain</p>	<p>O36 <i>Andreas Malcherek</i> The description of the rheological behavior of fluid mud</p>	<p>O79 <i>Olga Mashukova, Yuriy Tokarev, Nadejda Kopytina</i> Luminescence of the Black Sea microscopic fungi cultures</p>

	quantitative methods for the Environmental Assessment of hydraulic engineering constructions during the design process		
15.15 – 15.30	O112 <i>Valery Abramov, George Gogoberidze, Christiane Schmullius, Marcel Urban, Mathieu Belbeoch, Eugene Istomin, Nikolay Popov, Ruslan Bachiev, Alice Popova, Julia Malakhova, Stanislav Berboushi</i> Innovative technologies for decision support in socio-economic development within coastal systems of the Russian Northern seas taking into account natural risks and adaptation to climate changes	<i>Discussion</i>	O80 <i>Svetlana Rubtsova, Natalya Lyamina, Aleksey Lyamin</i> Analysis of the functioning of marine ecosystems on changing the parameters of the bioluminescence field on the Crimean Black Sea shelf
15.30 – 16.00	Coffee-break		
16.00 – 18.00	Poster-session. (Chairman: George Gogoberidze) “AZIMUT Hotel St.Petersburg”, <u>Azumut-Hall, 2 floor</u>		

August 25, Thursday

Russian State Hydrometeorological University (RSHU)	<u>Room 407, 4 floor</u> Sustainable use and development of coastal resources: effective management and approaches (Chairman: Isaac Gertman)	<u>Room 207, 2 floor</u> Coastal systems and their dynamics (from coast to water and from water to coast) (Chairman: Victor Zhurbas)	<u>Room 307, 3 floor</u> Coastal and marine ecosystems: monitoring and modeling (Chairman: Osamu Matsuda)
09.00 – 09.15	O113 <i>Pedro Fernández Carrasco, Nawel Khelil, Rachid Bninha</i> Coastal Essaouira development fair trade project. Morocco	O37 <i>Ekaterina Badyukova, Leonid Zhindarev, Svetlana Lukyanova, Galina Solovieva</i> Conditions for the formation of the large barrier-lagoon systems of Eastern and South - Eastern Baltic Sea	O81 <i>Konstantin Lutaenko</i> Coastal marine biodiversity of Vietnam: current problems
09.15 – 09.30	O114 <i>Keita Furukawa</i> Model sites exercises for ICM implementation in Japan	O38 <i>Nikolay Dunaev, Nadezhda Politova</i> Newest tectonics of the Vistula Spit area	O82 <i>Prasert Tongnunui, Woraporn Tarangkoon, Parichat Hukiew, Pat charee Kaeoprakan, Masahiro Horinouchi, Natthita Rojchanaprasart, Wanwisa Ponpai</i> Seagrass restoration: an update from Trang province, Southwestern Thailand
09.30 – 09.45	O115 <i>Takeshi Hidaka</i> An Attempt of Multi-stage Management for Coastal Areas	O39 <i>Daria Ryabchuk, Alexander Sergeev, Vadim Sivkov, Vladimir Zhamoida, Olga Kovaleva,</i>	O83 <i>Premcharoen Siraprapha, Sutanun Kiat-amornwet</i> Land use impacts on mangrove

	based on Satoumi and ICM	<i>Eugenia Dorokhova</i> Main trends of Sambian coastal system (South-Eastern Baltic) development: Holocene lithodynamics and recent coastal processes	fish assemblages: Implications for conservation of coastal resources in the Inner Gulf of Thailand
09.45 – 10.00	O116 <i>William C. Dennison, Heath Kelsey, Simon Costanzo, Karin Krchnak, Michelle Thieme</i> Developing Tools for Producing Environmental Report Cards	O40 <i>Olga Kovaleva, Darya Ryabchuk, Alexander Sergeev, Vladimir Zhamoida, Dmitry Gerasimov, Leonid Budanov</i> Holocene sand accretion coastal forms of the eastern Gulf of Finland (the Baltic Sea) and recent coastal dynamics trends	O84 <i>Ekaterina Maksimova, Vladimir Zhigulsky, Vladimir Shuisky</i> Assessment of the Spatiotemporal Dynamics of the Macrophyte Thicket Ecosystems in the Neva Bay and the Adjacent Waters of the Eastern Gulf of Finland
10.00 – 10.15	O117 <i>Vladimir Shulkin, Anatoly Kachur, Svetlana Kozhenkova</i> Ecological quality objectives approach to the environmental problems in the Northwest Pacific region	O41 <i>Nikolay I. Esin, Nikolay V. Esin, Valentina Yanko-Hombach</i> Caspian - Black Sea - Mediterranean Corridor formation, Paratethys Sea degradation	O85 <i>Andrey Zatsepin</i> Variability of the Black Sea coastal ecosystem: results of long-term observations at the SIO RAS research site near Gelendzhik
10.15 – 10.30	O118 <i>George Gogoberidze, Mikhail Bubynin, Valery Abramov, Gennady Zabolotnikov</i> The principles and activities of the national scientific development strategy in the	O42 <i>Nikolay V. Esin, Nikolay I. Esin, Olga Sorokina</i> Vertical movements of the coast and shelf of the Black and Mediterranean seas during the Holocene	<i>Discussion</i>

	Arctic zone of the Russian Federation		
10.30 – 11.00	Coffee-break, <u>RSHU, 4 floor</u>		
Russian State Hydrometeorological University (RSHU)	<u>Room 407, 4 floor</u> Sustainable use and development of coastal resources: effective management and approaches (Chairman: Izmail Kantarzhi)	<u>Room 207, 2 floor</u> Coastal systems and their dynamics (from coast to water and from water to coast) (Chairman: Robert Summers)	<u>Room 307, 3 floor</u> Coastal and marine ecosystems: monitoring and modeling (Chairman: Zhongyuan Chen)
11.00 – 11.15	O119 <i>Ryo Sakurai, Takahiro Ota, Takuro Uehara, Kenichi Nakagami</i> What affects public willingness to conserve coastal areas?	O43 <i>Lubov Globina, Anatoly Samodurov, Alexander Chukharev</i> Estimate of dependence of turbulent kinetic energy dissipation rate on the buoyancy frequency for the coastal zone of the Black Sea	O86 <i>Ekaterina Shchurova, Rimma Stanichnaya, Sergey Stanichny</i> Satellite data for investigation of recent state and processes in the Sivash bay
11.15 – 11.30	O120 <i>Mikael Arakelov, Arthur Arakelov, George Gogoberidze</i> The application features an integrated assessment method for the analysis of tourist and recreational capacity on the example of the municipality of Tuapsinsky District	O44 <i>Anna Monzikova, Vladimir Kudryavtsev, Alexander Myasoedov, Sergej Zilitinkevich</i> Features of wind field over the sea surface in the coastal area based on SAR observations	O87 <i>Leontina Sukhacheva</i> Using of Multi-Year Remote Sensing Data for the Neva Bay and the Eastern Gulf of Finland for Revealing Peculiarities of Anthropogenic Impacts of Hydro-Technical Facilities Building and Dredgings on the Coastal and

			Water Environment
11.30 – 11.45	O121 <i>Vera Minenkova, Tatiana Volkova, Anatoly Filobok, Anna Mamonova, Asida Sharmatava</i> Current tourism trends on the Black Sea coast	O45 <i>Tatiana Shulga, Leonid Cherkesov</i> Simulation and early warning of natural and technogenic influences in coastal areas in the Sea of Azov	O88 <i>Nikifor Ostanin</i> The Role of Remote Sensing Data for Coastal Zone Monitoring and Management for the Eastern Gulf of Finland
11.45 – 12.00	O122 <i>Sameh Elkafrawy, Akram Soliman, Mohamed Bek</i> Evaluating Shoreline, Urban and Roads Changes in Hurghada Coastal Area, Egypt, Using Multispectral Satellite Images	O46 <i>Fedor Gippius, Stanislav Myslenkov, Elena Stoliarova, Victor Arkhipkin</i> Wave climate of the Black Sea's coastal waters during the last three decades	O89 <i>Komatsu Teruhisa, Murata Hiroki</i> Mapping aquaculture facilities in Shizugawa Bay before and after the huge tsunami on 11 March 2011 by satellite remote sensing
12.00 – 12.15	O123 <i>Inna Nikonorova</i> Management and spatial planning in the coastal zone of the Cheboksary Reservoir	O47 <i>Leonid Lopatoukhin, Alexander Boukhanovsky, Anna Kalyuzhnaya</i> Computational risk assessment for St. Petersburg Flood Warning System	O90 <i>Elena Shtraikhert, Sergey Zakharkov</i> Variability of bio-optical characteristics in ecosystems of Peter the Great Bay (Sea of Japan)
12.15 – 12.30	O124 <i>Maria Lazareva, Sergey Mityagin</i> The background of Maritime spatial planning of the east part of Gulf of Finland	<i>Discussion</i>	<i>Discussion</i>
12.30 – 14.00	Lunch.		

	<u>“AZIMUT Hotel St.Petersburg”, restaurant, 1 floor.</u>
14.00 – 17.00	City-tour. Bus departure from “AZIMUT Hotel St.Petersburg”

August 26, Friday

Russian State Hydrometeorological University (RSHU)	<u>Room 407, 4 floor</u> Prevention and Mitigation of Natural Disasters Risks in Coastal Regions - Special session of BRICS countries representatives (Chairman: Osvaldo Moraes)	<u>Room 207, 2 floor</u> Coastal systems and their dynamics (from coast to water and from water to coast) (Chairman: Pedro Fernandez Carrasco)	<u>Room 307, 3 floor</u> Coastal and marine ecosystems: monitoring and modeling (Chairman: Vadim Navrotsky)
09.00 – 09.15	1. <i>Osvaldo Moraes</i> Prevention and Mitigation of Natural Disasters Risks in Coastal Regions: Activities in frame of BRICS Priority Area 2. <i>Natalia Shartova</i>	O48 <i>Martins Flavio, Lonin Serguei, Izquierdo Alfredo, Marko Totic</i> Characterization of water renewal in Cartagena Bay, Colombia: a hydrodynamic modelling approach	O91 <i>Ron Goldman, Eliyahu Biton, Isaac Gertman, George Zodiatis, Barak Herut</i> An Evaluation of Oil Pollution Probability in the Levantine Basin off Israel
09.15 – 09.30	Main Activities of the Technological Platform “Technologies of ecological development of Russia”	O49 <i>Alexander Osadchiev, Peter Zavialov, Vadim Pelevin</i> Method for quantifying advection, turbulent mixing, and gravitational	O92 <i>Andrey Kuznetsov, Yuri Fedorov, Paul Fattal, Frederic Ebner</i> Self-Cleaning Capacity of

	3. <i>Ivan Serebritsky</i> Climate Change Adaptation	settling of river-borne suspended matter in coastal areas	Seacoasts in Case of Oil Pollution
09.30 – 09.45	Strategy and Conception of Adaptive Management of Water Bodies and Water Disposal System of St. Petersburg 4. <i>Chen Zhongyuan</i> Human impact on Chinese mega-estuaries: challenge and perspectives 5. <i>Roy Joyashree</i>	050 <i>Klim Grigorenko, Sergei Khartiev, Alexandra Ilvitskaya, Anzhelika Avakova, Anna Solovieva</i> Kinematic characteristics of internal waves in the Atlantic Ocean based on results 36 and 40 cruise of Akademik Sergey Vavilov research vessel	093 <i>Elena Sibirtsova, Yuriy Tokarev, Igor Chuprina</i> The shipping intensification impact on the Black Sea ecosystem
09.45 – 10.00	Human Activities and Adaptation Challenges in South Asian Coast 6. <i>Vadim Kuzmin</i>	051 <i>Georgy Ayzel</i> Runoff calculations for ungauged river basins of the Russian Arctic region	094 <i>Elena Sibirtsova</i> The Black Sea and microplastics: Sevastopol beaches monitoring
10.00 – 10.15	Main Activities of the RSHU as a Contact Point in the field of BRICS Priority Area “Prevention and Mitigation of Natural Disasters” 7. <i>Jose Antonio Marengo</i> Coastal vulnerability	052 <i>Victor Kovalenko, Ekaterina Gaidukova, Vitalii Khaustov, Elena Shevnina</i> Assessment of the statistical characteristics of the river runoff for the territory of the Russian Arctic in changing climate	095 <i>George Zodiatis, Liubartseva Svitlana</i> EMODnet Med and Black Sea check points addressing the challenge of oil platforms leaks
10.15 – 10.30	assessment: an integrated framework to analyze local decision making and adaptation to sea-level rise in Santos, Sao	<i>Discussion</i>	<i>Discussion</i>

	Paulo - Brazil		
10.30 – 11.00	Coffee-break, <u>RSHU, 4 floor</u>		
Russian State Hydrometeorological University (RSHU)	<u>Room 407, 4 floor</u> Prevention and Mitigation of Natural Disasters Risks in Coastal Regions - Special session of BRICS countries representatives (Chairman: Osvaldo Moraes)	<u>Room 207, 2 floor</u> Climate change in the changing world. Coastal adaptation to climate change (Chairman: Leonid Lopatukhin)	<u>Room 307, 3 floor</u> Coastal and marine ecosystems: monitoring and modeling (Chairman: Yuri Fedorov)
11.00 – 11.15	Discussion of the possibilities of joint activities and development of joint scientific and technological products.	O125 <i>Vladimir Ponomarev, Elena Dmitrieva, Svetlana Shkorba</i> Climatic regime change in the Asian Pacific region, Indian and Southern Oceans at the end of the 20th century	O96 <i>Vadim Navrotsky</i> On coastal-open sea dynamic interactions defining productivity and ecology of shelf and adjacent to shelf waters
11.15 – 11.30		O126 <i>Svetlana Shkorba, Elena Dmitrieva, Vladimir Ponomarev, Lubov Kuimova, Vera Pustoshnova</i> Winter climatic anomalies in the Japan, Okhotsk Seas, Baikal Lake basin and their linkages	O97 <i>Roman Vankevich, Ekaterina Sofina, Tatjana Eremina, Mikhail Molchanov, Vladimir Ryabchenko, Aleksey Isaev</i> Development of the regional operational oceanographic system for the Gulf of Finland and Kaliningrad Shelf
11.30 – 11.45		O127 <i>Sergey Aleksandrov,</i>	O98 <i>Alexander Myasoedov, Sergey</i>

		<p><i>Julia Gorbunova</i> Climate change: How does this influence on ecosystem health in the lagoon of the Baltic Sea?</p>	<p><i>Azarov, Ekaterina Balashova, Iurii Blokhin, Alexander Grenishin, Elizaveta Zabolotskikh, Vladimir Kudryavtsev, Anna Monzikova</i> Storm Ice Oil Wind Wave Watch System (SIOWS): Web GIS application for monitoring the Arctic</p>
11.45 – 12.00		<p>O128 <i>Homayoun Khoshnavan</i> Global warming impact on Urmia lake vulnerability and Hazard</p>	<p>O99 <i>Polezhayeva Antonina, Aniskina O.G., Zabolotskikh E.V.</i> Numerical modeling of polar lows over the Barents Sea: impact of WRF parametrizations on the quality of forecast.</p>
12.00 – 12.15		<p>O129 <i>Dipayan Dey, Ashoka Maity</i> Integrated alga-culture in inundated coastal farmlands of Indian Sundarbans as a sustainable adaptation for marginal communities towards climate risk reduction</p>	<p>O100 <i>Olga Mashtaler, Alexander Myasoedov, Elizaveta Zabolotskikh</i> Polar low detection using SOLab SIOWS Arctic Portal.</p>
12.15 – 12.30		<p>O130 <i>Michael Robert Hardesty, Kirstin Webb, Erika Koontz</i> Viewpoints of the Chesapeake: Influencing Local and Global Citizenship in the Face of Climate</p>	<p><i>Discussion</i></p>

		Change	
12.30 – 14.00	Lunch “AZIMUT Hotel St.Petersburg”, <u>restaurant, 1 floor.</u>		
14.00 - 16.00	Plenary session. Chairman: Andrey Zatsepin “AZIMUT Hotel St.Petersburg”, <u>Azumut-Hall, 2 floor.</u>		
14.00 – 14.30 PT4	<i>Vladimir Kudryavtsev, Satellite Oceanography Laboratory, Russian State Hydrometeorological University, Russia</i> Observation of atmosphere-ocean system and its extremes using satellite sensor synergy and modelling		
14.30 – 15.00 PT5	<i>Chen Zhongyuan, State Key Lab. for Estuarine and Coastal Research, East China Normal University, China</i> Water diversion and sea-level rise: Potential threats to freshwater supplies in the Changjiang River estuary		
15.00 – 15.30 PT6	<i>Matsuda Osamu, Vice-chair, International Center for Environmental Management of Enclosed Coastal Seas (International EMECS Center), Japan</i> History of Total Pollution Load Control and Possible Future Coastal Management in Japan		
15.30 – 16.00	<i>Discussion</i>		
16.00 - 16.30	Coffee-break “AZIMUT Hotel St.Petersburg”		
16.30 - 17.00	Closing ceremony. AZIMUT Hotel St.Petersburg”, <u>Azumut-Hall, 2 floor.</u>		
19.00 - 23.00	Gala-Dinner. “AZIMUT Hotel St.Petersburg”		

August 28, Saturday

09.00 – 19.00 Technical excursion to the Flood Protection Barrier and the city of Kronshtadt
Bus to and from AZIMUT Hotel

Addresses:

“AZIMUT Hotel St.Petersburg”. Lermontovsky pr., 43/1

Russian State Hydrometeorological University (RSHU), Rizhsky pr., 11

A.P Karpinsky Russian Geological Research Institute (VSEGEI), Vassilyevskiy ostrov, Sredniy pr., 74