

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>
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 Watanabe) "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. <u>"AZIMUT Hotel St.Petersburg", restaurant, 1 floor.</u>			
"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 Khoshnavan)
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	<p>O3 Teruhisa Komatsu, Shuji Sasa, Shigeru Montani, Osamu Nishimur, Takashi Sakamaki, Chihiro Yoshimura, Manabu Fujii, Tetsuo Yanagi</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>O13 Lyudmila Bepalova, Olga Ivlieva, Alla Tsygankova, Alexander Ioshpa, Irina Sknarina, Larisa Kropyanko</p> <p>Modern abrasion processes of the Azov Sea coast</p>	<p>O55 Julia Gorbunova, Boris Chubarenko, Dmitry Domnin, Jens Christian Refsgaard</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 Takafumi Yoshida, Liu Qian, Zhang Jing, Katsumi Takayama, Naoki Hirose</p> <p>Management for sustainable use of international semi enclosed sea, Sea of Japan</p>	<p>O14 Elena Fedorova</p> <p>Dynamics of the Anapa Bay-Bar submerge slope</p>	<p>O56 Alexander Polukhin, Evgeniy Yakushev, Petr Makkaveev, Elizaveta Protsenko, Shamil Yakubov, Andre Staalstrøm, Svetlana Stepanova, Pavel Khlebopashev, Marit Norli, Hans-Frederik Braaten</p> <p>Influence of melting glaciers on hydrochemical structure of coastal ecosystem of Western Spitzbergen</p>
15.00 – 15.15	<p>O5 Kenichi Nakagami, Obata Norio, Takao Katsuki Uehara Takuro, Sakurai Ryo, Ota Takahiro, Yoshioka Taisuke, Niu Jia, Chen Xiachen, Mineo Keito</p>	<p>O15 Vladimir Fomin, Ludmila Kharitonova, Dmitrii Alekseev, Elena Ivancha</p> <p>Morphodynamics of the Bakalskaya Spit of the Black Sea</p>	<p>O57 Kuninao Tada, Kazuhiko Ichimi, Miho Kayama, Ayaka Ikemoto, Tetsuya Nishikawa, Hitomi Yamaguchi, Tsuneo Honjo</p> <p>Nutrient decrease in the Seto Inland Sea, Japan, and the</p>

	The Integrated Coastal Zone Management Based on Ecosystem Services		response of phytoplankton 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>	O18 <i>Petr Brovko</i> Evolution of coastal lagoons of the Sakhalin Island	O60 <i>Ekaterina Voloshchuk, Tatjana Eremina, Alexey Isaev</i>

	Developing an Environmental Health Report Card for Laguna de Bay, Philippines		Assessment of bioturbation activity of <i>Marenzelleria</i> Spp. in the Eastern Part of the Gulf of 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 to 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	Room 407, 4 floor Coastal Forecast of Russian tideless seas development (Chairman: Ruben Kosyan)		Room 307, 3 floor 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

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

	(Chairman: Kaori Fujita)		
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 Pradeep Kumara, Chinthaka Samarawickrama Lokuhetti, Shamen Prabhath Vidanage</i>	O29 <i>Natalia Evstigneeva, Sergey Demyshev</i> Numerical simulation of meso- and submesoscale features of the north-western Black Sea shelf circulation using high spatial resolution	O71 <i>Yizhe Zheng, Kyohei Hayashi, Takumi Matsuno, Megumu Fujibayashi, Munehiro Nomura, Osamu Nishimura, Takashi Sakamaki</i> Interactions between biogeochemical environment and suspended oyster farming in Shizugawa Bay, Japan

	Coastal Ecosystems and Changing Economic Activities: Challenges for Sustainability Transition		
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 Shvoev, 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 management	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

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”, <u>restaurant, 1 floor.</u>		
“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 policies of the Seto Inland Sea,	O33 <i>Valentina Kravtsova, Ekaterina Chalova, Ekaterina</i>	O76 <i>Kenji Sugimoto</i>

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

	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, Patcharee 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 based on Satoumi and ICM	O39 <i>Daria Ryabchuk, Alexander Sergeev, Vadim Sivkov, Vladimir Zhmoida, Olga Kovaleva, Eugenia Dorokhova</i>	O83 <i>Premcharoen Siraprapha, Sutanun Kiat-amornwet</i> Land use impacts on mangrove fish assemblages: Implications for

		Main trends of Sambian coastal system (South-Eastern Baltic) development: Holocene lithodynamics and recent coastal processes	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, Alexey Krylov</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 Kantarshi)	<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</i> Estimate of dependence of the vertical turbulent diffusion coefficient from buoyancy frequency for 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 Hurgada 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	O51 <i>Georgy Ayzel</i> Runoff calculations for ungauged river basins of the Russian Arctic region	<i>Discussion</i>
12.30 – 14.00	Lunch. “AZIMUT Hotel St.Petersburg”, <u>restaurant, 1 floor.</u>		
14.00 – 18.00	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 Tosic</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” 3. <i>Ivan Serebritsky</i> Climate Change Adaptation	O49 <i>Alexander Osadchiev, Peter Zavialov, Vadim Pelevin</i> Method for quantifying advection, turbulent mixing, and gravitational settling of river-borne suspended matter in coastal areas	O92 <i>Andrey Kuznetsov, Yury Fedorov, Paul Fattal, Frederic Ebner</i> Self-Cleaning Capacity of 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>	O50 <i>Klim Grigorenko, Sergei Khartiev, Alexandra Ilvitskaya, Anzhelika Avakova, Anna Solovieva</i> Kinematic characteristics of internal waves in the Atlantic	O93 <i>Elena Sibirtsova, Yuriy Tokarev, Igor Chuprina</i> The shipping intensification impact on the Black Sea ecosystem

	Human impact on Chinese mega-estuaries: challenge and perspectives	Ocean based on results 36 and 40 cruise of Akademik Sergey Vavilov research vessel	
09.45 – 10.00	5. <i>Roy Joyashree</i> Human Activities and Adaptation Challenges in South Asian Coast 6. <i>Richard Haridien, Een Patrick Shuping, Mark Van Staden</i> Challenges and Opportunities for coastal communities in South Africa	P60 <i>Juan David Navia Diaz, Nancy Liliana Villegas Bolaños, Igor Malikov</i> Extreme values of sea surface temperature associated with long-period phenomena occurred during 1960-2015 in the Colombian Pacific Ocean	O94 <i>Elena Sibirtsova</i> The Black Sea and microplastics: Sevastopol beaches monitoring
10.00 – 10.15	7. <i>Vadim Kuzmin</i> Main Activities of the RSHU as a Contact Point in the field of BRICS Priority Area "Prevention and Mitigation of Natural Disasters"	O52 <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	O95 <i>George Zodiatis, Liubartseva Svitlana</i> EMODnet Med and Black Sea check points addressing the challenge of oil platforms leaks
10.15 – 10.30	8. <i>Jose Antonio Marengo</i> Coastal vulnerability assessment: an integrated framework to analyze local decision making and adaptation to sea-level rise in Santos, Sao Paulo - Brazil	O131 <i>Friederike Piechotta</i> Impacts of Climate Change on Waterways and Navigation in Germany	<i>Discussion</i>
10.30 – 11.00	Coffee-break, RSHU, 4 floor		

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, Julia Gorbunova</i> Climate change: How does this influence on ecosystem health in the lagoon of the Baltic Sea?	O98 <i>Alexander Myasoedov, Sergey 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
11.45 – 12.00		O128 <i>Homayoun Khoshnavan</i> Global warming impact on Urmia lake vulnerability and Hazard	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.
12.00 – 12.15		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	O100 <i>Olga Mashtaler, Alexander Myasoedov, Elizaveta Zabolotskikh</i> Polar low detection using SOLab SIOWS Arctic Portal.
12.15 – 12.30		O130 <i>Michael Robert Hardesty, Kirstin Webb, Erika Koontz</i> Viewpoints of the Chesapeake: Influencing Local and Global Citizenship in the Face of Climate Change	<i>Discussion</i>

12.30 – 14.00 **Lunch**

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

14.00 - 16.00 **Plenary session. Chairman: Andrey Zatsepin**

	<i>"AZIMUT Hotel St.Petersburg", Azumut-Hall, 2 floor.</i>
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 <i>"AZIMUT Hotel St.Petersburg"</i>
16.30 - 17.00	Closing ceremony. <i>AZIMUT Hotel St.Petersburg", Azumut-Hall, 2 floor.</i>
19.00 - 23.00	Gala-Dinner. <i>"AZIMUT Hotel St.Petersburg"</i>
August 27, Saturday	
09.00 – 19.00	Technical excursion to the Flood Protection Barrier and the city of Kronshtadt <i>Bus to and from AZIMUT Hotel</i>

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

POSTER PRESENTATIONS

Index	Author	Poster presentation title
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P1	Nataliya Belova, Alisa Baranskaya, Osip Kokin, Dmitry Kuznetsov, Olga Shilova, Nataliya Shabanova, Aleksey Vergun, Stanislav Ogorodov	Monitoring of the thermoabrasional and accumulative coasts near the underwater gas pipeline route across the Baydaratskaya Bay, Kara Sea
P2	Ekaterina Bubnova, Victor Krechik, Vadim Sivkov	Suspended matter concentration alongside the northern coastline of Kaliningrad region (South-Eastern part of Baltic Sea)
P3	Evgenia Dorokhova, Dmitry Dorokhov	Sediment mapping and transport pathways in the nearshore zone of the Russian part of South-Eastern Baltic Sea
P4	Vladimir Fomin, Konstantin Gurov, Vladimir Udovik, Sergey Konovalov	Dynamics of the nearshore zone of Kalamitskiy Gulf (Black Sea) under influence of wind waves
P5	Anatoly Gavrilov, Elena Pizhankova	Cryogenic dynamics in the coastal zone of the Laptev and East Siberian seas
P6	Yuri Goryachkin	Coastal erosion in the Gulf of Kalamita as a result of long-term anthropogenic influence
P7	Dmitry Korzinin, Igor Leontyev	Some features of the equilibrium coastal profile for different initial slopes based on modelling study
P8	Igor Leontyev, Tatyana Akivis	An artificial beach as a means for sea coast protection from storm surges (by the example of the Eastern Gulf of Finland)
P9	Ruben Kosyan, Boris Divinsky	Variability of the suspended sediment dynamics under irregular waves

P10	Ruben Kosyan, Marina Krylenko	Methodological aspects of the suspended sediment concentration measurement in the coastal zone
P11	Ryo Sakamoto, Satoquo Seino, Hirokazu Suzuki	Coastal alteration and changes in shoreline morphology due to artificial structures in Miiraku Town on Fukue Is. in the Goto Archipelago
P12	Yana Saprykina	Parameterization of nonlinear wave transformation above underwater structures
P13	Sergey Kuznetsov, Yana Saprykina, Boris Divinskiy	Physical interpretation of wave breaking criteria
P14	Natalia Shabanova, Stanislav Ogorodov	Interannual variability of coastal dynamics of hydrometeorological factors in Pechora and KaraSeas
P15	Valentina Bobykina, Boris Chubarenko, Konstantin Karmanov	Morphodynamics of the shores of the Vistula Spit (the Baltic Sea) in a period of 2002-2015 by results of in-situ measurements
Session: Coastal systems and their dynamics (from coast to water and from water to coast)		
P16	Vladimir Chechko, Boris Chubarenko	Sediment balance of the Vistula lagoon
P17	AbdAlla M. AbdAlla, Abkar A. Iraqi and Magdy M. Farag	Simulation of Nearshore Waves and Currents along Salalah Coast (Oman) During the Tropical Cyclone ARB01
P18	Nikolay Dunaev, Tatiana Repkina	Accumulative coasts as reliable indicators of the kinematics of the sea level during the Holocene
P19	Eugeny Godin, Yury Goryachkin, Vyacheslav Dolotov, Sergey Dotsenko, Andrey Ingerov, Alexey Khaliulin, Sergey Kononov	The current state of the Black Sea coastal geosystems in the North-Eastern sector

	Alisa Kosyan, Ruben Kosyan, Marina Krylenko, Elena Sovga	
P20	Karmanov Konstantin, Burnashov Evgenii	Deflation processes on the sea shore of the Curonian Spit
P21	Alexey Khaliulin, Andrey Ingerov, Elena Zhuk, Eugeny Godin, Elena Isaeva, Igor Podymov	Specialized oceanographic database for information support of the Black Sea coastal zone study
P22	Viktor Krechik, Maria Kapustina, Vladimir Gritsenko	A different-scale variability of the vertical thermal structure of the Kaliningrad region's marine coastal waters
P23	Anna Lukyanova, Andrei Bagaev, Vladimir Zalesny, Vitaliy Ivanov	Numerical simulation of the semidiurnal tidal wave impact on the Black Sea climatic circulation
P24	Irina Mesenzeva, Elena Sovga, Tatyana Khmara, Marina Tsyganova	Self-purification of sea coastal water areas under climatic and anthropogenic change
P25	Alexander Sergeev, Daria Ryabchuk, Vladimir Zhamoida, Igor Leont'ev	Application of onshore laser scanning data for mathematic modeling of coastal profile changes
P26	Ksenia Silvestrova, Stanislav Myslenkov, Andrey Zatsepin, Vladimir Baranov	Surface GPS-drifters for study coastal water dynamics in the Black Sea. Results and experience from 2013 to 2015 year
P27	Michail Spiridonov, Yuri Kropachev, Leonid Budanov, Igor Neevin, Arseniy Makoviz,	Geological hazards of Baikal coastal zone

	Vadim Shakhverdov, Alexander Chensky	
P28	Xiao-Hua Zhu, Ze-Nan Zhu, Xinyu Guo	Mapping tidal currents and residual currents by use of Coastal Acoustic Tomography
Session: Climate change in the changing world. Coastal adaptation to climate change		
P29	Andrea Critto, Silvia Torresan, Carlotta Ragazzo, Antonio Marcomini, Lidia Prokhoda-Shumskikh	Climate change risk assessment: a review of tools, methods and best practices for the oil and gas sector
P30	Valeriy Malinin, Svetlana Gordeeva, Oleg Shevchuk, Yulia Mitina, Alexandra Ershova	Variations of Sea Level and Global Climate in Modern Conditions
P31	Rikito Hisamatsu, Kei Horie	Impact assessment on storm surge risks to containers considering global warming.
P32	Yoshiyuki Iio	Climate Change to change the world, "Human Revolution" to change the future: The Importance of Global Citizens based on "Human Revolution"
P33	Sergei Soldatenko, Genrikh Alekseev, Alexander Danilov	An integrated modeling system for assessing and managing the risks of climate change
P34	Zhanna Stont, Marina Ulyanova, Alexander Sergeev	Meteorological conditions affecting the Curonian Spit dune formation (south-eastern Baltic coast)
Session: Coastal and marine ecosystems: monitoring and modelling		
Sub-session: Approaches to and issues of processes in the coastal areas modelling and monitoring		
P35	Andrei Bagaev, Irina Chubarenko	An approach to parameterisation of coastal sources of microplastics particles in numerical models

P36	Irina Chubarenko, Margarita Bagaeva	Baltic amber migrations as a model of microplastics behaviour in the sea coastal zone
P37	Evgenii Burnashov, Konstantin Makarov, Boris Chubarenko, Konstantin Karmanov, Sergei Shibaev	Information-Prediction Automatic System for the sea shore of Kaliningrad Oblast (IPAS): use in 2006-2015 and development prospects
P38	Aleksandr Danchenkov	Modern technology in dune complexes monitoring on the Vistula Spit
P39	Nikolay I. Esin, Vladimir Ocherednik	Correlation of the Black, Marmara And Aegean seas during the Holocene
P40	Liliya Khatmullina, Igor Isachenko, Elena Esiukova, Irina Chibarenko	Experimenting on settling velocities of negatively buoyant microplastics
P41	Anastasia Korablina, Victor Arkhipkin, Sergey Dobrolyubov, Stanislav Myslenkov	Modeling storm surges and wave climate in the White and Barents Seas
P42	Stanislav Ogorodov, Vassily Arkhipov, Alisa Baranskaya, Osip Kokin, Natalia Shabanova	Comprehensive monitoring of ice gouging bottom relief at key sites of oil and gas development within the coastal-shelf zone of the Russian Arctic seas
P43	Satoru Takahashi, Masami Hamaguchi	Seasonal Variation of Transportation of Asari Clam, <i>Ruditapes philippinarum</i> , Larvae in Hiroshima Bay
P44	Victor Zhurbas, Natalia Kuzmina, Dmitry Lyzhkov	Eddy formation behind a coastal cape by transient longshore wind stress (numerical experiments)
Sub-session: Study and monitoring of coastal and marine ecosystems		

P45	Natalia Andrulionis, Ivan Zavialov, Elena Kovaleva, Peter Zavialov, Alexander Osadchiev, Alevtina Alukaeva, Alexander Izhitskiy	Site-Specific Equations of State for Coastal Waters and Inland Water Bodies
P46	Natalia Derugina, Andrey Grigoriev, Daria Ryabchuk, Alexander Rybalko, Vladimir Zhamoida	Problem of heavy metal surface sediment contamination in the eastern Gulf of Finland
P47	Kyunghoi Kim	Changes in water quality and fishery production in Jinhae Bay
P48	Anatoly Filobok, Tatiana Volkova, Vera Minenkova, Michael Belikov, Victoria Voronina	Azov-Black Sea coast of Krasnodar region: estimation of recreational potential based on the dynamic processes, natural and anthropogenic factors
P49	Vera Rostovtseva, Igor Goncharenko, Dmitrii Khlebnikov, Boris Konovalov	Comparative characteristic of sea radiance coefficient spectra measured remotely in coastal waters of five seas
P50	Anna Gumenyuk, Inna Nikonorova	Landscape study of Cheboksary and Kuybyshev reservoirs coasts for recreational using
P51	Mitsuru Hayashi, Tomomi Miyawaki, Ryutaro Koga	Analysis of Marine Phytoplankton in the Yodo River Estuary by the Numerical Ecosystem Model
P52	Hideki Kokubu	A fundamental study on carbon storage by <i>Zostera marina</i> in Ise bay, Japan

P53	Hiroshi Kawai	Species diversity and the threat of introduced macroalgal species arriving on Northwestern American shores via Japanese Tsunami Marine Debris (JTMD)
P54	Alisa Kosyan, Vladimir Gulbin	First case of imposex in <i>Neptunea convexa</i> (Gastropoda: <i>Buccinidae</i>) from bathyal depths (Sea of Okhotsk, >1400 m)
P55	Elena Kovaleva, Alexander Izhitskiy, Alexander Egorov, Peter Zavialov	Distribution of dissolved methane in surface coastal waters of the northeastern part of the Black Sea
P56	Makamas Sutthacheep, Thamasak Yeemin, Sittiporn Pengsakun, Kanwara Sangmanee, Juthamart Putthayakool	Monitoring coral recovery at nearshore coral reefs in Phangnga Province, the Andaman Sea following the 2010 coral bleaching event
P57	Katya Peycheva, Mona Dinkova Stancheva, Stanislava Georgieva, Lubomir Makedosnki	Heavy metals in water, sediments and marine fishes from Bulgarian Black Sea
P58	Mona Dinkova Stancheva, Stanislava Georgieva, Zlatina Peteva, Lubomir Makedonski	Polychlorinated biphenyls in edible fish from Black Sea, Bulgaria
P59	Nakashima Tadashi	What does happen in the natural forest watershed of Japan?
P61	Juan David Navia Díaz, Nancy Liliana Villegas Bolaños	Canonical correlation between large scale oscillations, temperature and precipitation in coastal regions of Colombia
P62	Sosuke Otani, Akira Umehara, Haruka	Transfer efficiency from primary producers to <i>Ruditapes philippinarum</i> on an intertidal flat in Hiroshima Bay, Japan

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P64	Tatiana Podymova, Igor Podymov	The distribution of radon volumetric activity above the surface of Taman Peninsula
P65	Alexandra Romanova, Vladimir Anin, Sergey Pletnev, Tatyana Tarasova	Carbonate dissolution and ultrastructural breakdown in planktonic foraminifera in The Sea of Okhotsk
P66	Alla Savenko	Comparative analysis of transformation of dissolved matter runoff in the mouth areas of the Mezen River and other rivers of the White Sea basin
P67	Alla Savenko, Oleg Pokrovsky, Irina Streletskaya	Distribution of dissolved chemical elements in the Yenisei River estuary and adjacent water area of the Kara Sea
P68	Mikhail Shilin, Kirill Petrov, Denis Alexeev, Vladimir Zhigulski	Hierarchical regionalization system for Barents and Kara seas in connection with the multi-level environmental monitoring of macro-projects
P69	Kira Slepchuk, Tatyana Khmara	Availability of numerical mathematical models to solve the applied problems of water quality management of shelf ecosystems
P70	Snejanka Petrova Moncheva, Ogniana Hristova, Valentina Doncheva	On the response of coastal phytoplankton communities to anthropogenic and climatic changes

P71	Irina Kazankova, Elena Vasechkina	Individual variation of growth and filtration rates of mussels <i>Mytilus Galloprovincialis lam.</i>
P72	Thamasak Yeemin, Makamas Sutthacheep, Wanlaya Klinthong Watchara Samsuvan, Montaphat Thummasan, Charernmee Chamchoy	Assessing coral reef resilience and management intervention in the Western Gulf of Thailand
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P74	Dmitry Domnin, Boris Chubarenko, Rene Capell	Mathematical modeling of nutrient loading from small catchments of the Vistula Lagoon
P75	Dmitrij Elkin, Andrey Zatsepin	Laboratory studies of the formation mechanisms of eddies in rotating and non-rotating fluid due to spatially non-uniform wind forcing
P76	Alexander Ermolov	Ecological and geomorphological assessment of the vulnerability of the coasts of the Kara sea to the oil spill
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P78	Liliya Khatmullina, Elena Esiukova	Accumulation of plastic fragments and microplastics on the beaches in the South-East Baltic Sea
P79	Boris Krasnoyarskiy, Asya Ovsepyan, Yury Fedorov, Vyacheslav Savitskiy	Bottom sediments of lakes and streams of Dvina Bay of The White Sea coastal areas as an indicator of anthropogenic impact (by the example of mercury pollution)

P80	Alexander Krek	Concentration of heavy metals and oil products in the seabed sediments off the coast of the Curonian Spit (the Southeastern part of the Baltic Sea)
P81	Alexander Krek, Elena Bulychева, Andrey Kostianoy	Oil pollution of the sea surface of the Southeastern Baltic and possible directions of its propagation
P82	Irina Kuzikova, Vera Safronova, Nadezda Medvedeva	Impact of nonylphenol on the physiological activity of fungi from the coastal area of the Gulf of Finland
P83	Alexandra Romanova, Tatyana Tarasova	Interannual variations in benthic foraminifera assemblages under mariculture sites in Alekseev Bay (Popov Island, the Sea of Japan)
P84	Yury Rubanov, Yulia Tokach, Marina Vasilenko, Elena Goncharova	Cleaning up emergency oil spills from the water surface with magnetic adsorbents
P85	Kira Slepchuk, Tatyana Khmara, Ekaterina Mankovskaya	Extreme degradation of water quality and fish suffocation phenomena in the marine estuary
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P88	Ken Hirai	Recognizing ecosystem services through education for sustainable development that utilizes the sea in the region
P89	Marina Krylenko	Perspectives of the practical use of the Kiziltash Liman group

P90	Mari Maeda, Yasunori Kozuki, Ken Hirai, Takashi Nakanishi, Ryoichi Yamanaka, Maya Matsushige	Environmental Education for Schoolchildren in a Seawater Pond for Creating a Satoumi
P91	Maya Matsushige, Yasunori Kozuki, Ryoich Yamanaka, Mari Maeda, Yushu Tashiro	The effects of a seaside environmental education program for preschool children as seen in the contents of before-and-after drawings
P92	Pablo Torres Blanco, Pedro Fernández Carrasco	Possibilities of Implementation in the Spanish Coast, of Commercial and Pre-commercial Wave Energy technologies.
P93	Pablo Torres Blanco, Pedro Fernández Carrasco	A novel wave energy converter
P94	Sadao Nakaoka, Yasunori Kozuki, Kei Nakanishi, Mitsuko Tsuboi, Ei Kodama, Kazuya Tamura, Ken Hirai, Junya Miyoshi, Sayaka Mori, Junnichihiro Ishikawa, Natsumi Yamaguchi, Ryoichi Yamanaka	Environmental Study: Learning the Cycle of Life by Connecting Sea and Soil of Amagasaki
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	Takahashi, Kenji Tarutani, Hidetoshi Saito, Terumi Tanimoto	
P96	Elena Zhuk, Alexey Khaliulin, Marina Krylenko, Ruben Kosyan	Integration of coastal zone data into the Black Sea GIS
P97	Violeta Velikova, Vladimir Kresin, Vladimir Brook, Natalia Yakovleva, Gulsen Avaz, Georgeta Alecu, Andreea Voina, Manana Devidze, Marineta Nikolova, Velichka Velikova, Eugeny Godin	Identification and prioritization of Hot Spots in managing risks to Black Sea coastal regions
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P99	Konstantin Makarov, Anastasiya Gorlova	Theoretical bases of port areas and access channels deposition calculation
P100	Marina Vasilenko, Elena Goncharova, Yury Rubanov, Yulia Tokach	Features of processes of biodestruction of surfaces of hydraulic engineering constructions
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P101	Oscar Gutiérrez-Bolívar, Pedro Fernández Carrasco	Scenarios for an expanding demand of tourism on the coasts of Cuba
P101.1	Inoue Kousuke	Geographical features of rounded fields on the Miiraku peninsula, Fukue Island, Gotou Islands
P101.2	Tatyana Osadchaya, Sergey Alyomov, Elena Tikhonova, Olga Solovieva, Tatyana Viter	Evaluating environmental status of the Sevastopol coastal aquatoria (Black Sea)

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P104	Sergej Belov, Ija Belova, Stepan Falomeev	Monitoring of coastal ecosystems by method of remote sensing in the short-wave range of radio waves.
P105	Lapenkov Artem	The landscape investigations as necessary part of biological study in the coastal zone
P106	Michael Robert Hardesty, Kirstin Webb, Erika Koontz	Viewpoints of the Chesapeake: Influencing Local and Global Citizenship in the Face of Climate Change
P107	J. Bunting	Working cooperatively with school systems to integrate climate change education with a local context into school system curriculum

P108	Y. Hayashi	From Amagasaki to the Seto Inland Sea and the World: High School Student Environment Network
P109	M. Scallion	Reframing the climate change conversation: using values, explanatory chains and metaphor to increase public understanding of climate change
P110	Natalya Sitina, Tatyana Sitina	Geoecological characteristic of the Cheboksary reservoir coast
P111	Margarita Illarionova	The influence of sea ice on the sea coast of Shantar Islands
P112	Anna Dobrovolskaya, Evgenii Burnashov	Abnormal state of the northern segment of the Vistula Spit
P113	A. Polyakov	Winter season beach wideness and sand grain size variability on the western coast site of Kaliningrad Region (south-eastern part of the Baltic Sea)
P114	Sergey Krylenko	Characteristics of the cliff plant communities of the Tuapkhata massif
P115	N. Saito	“TSUNAGARUKA” PROJECT, Connection among Forests, Rivers and the Sea for the Solution of Seafloor Litter Problem
P116	S.V. Slomnyuk	The anthropogenic impact on the coast of the Kaliningrad region

SSP SPECIAL SESSION SCHEDULE

24 August 2016

A.P. Karpinsky Russian Geological Research Institute (VSEGEI),

Vassilyevskiy ostrov, Sredniy pr., 74

09.00 Welcome from EMECS and hosts
Kazuo Kanazawa (Vice Governor of Hyogo Prefecture, Japan)
Yasuo Kawawaki (Director of EMECS secretariat)
Daria Ryabchuk (VSEGEI)

09.20 SSP and Student Declaration
Wayne Bell

09.30 SSP participant introductions
All participants, beginning with students, 2 minutes each

10.15 BREAK

Session: Perspectives on Climate Change and Coastal Environments

10.30 RUSSIA: The Baltic Sea, *Daria Ryabchuk*, VSEGEI

10.50 USA: Chesapeake Bay, *Douglas Levin*, Washington College

11.10 JAPAN: Seto-inland Sea, *Tetsuo Yanagi* (Professor Emeritus of Kyushu University, Principal Researcher of EMECS Center)

11.30 FRANCE: The North Sea, *Jean-Paul Ducrottoy*, Reading Professor Emeritus, The University of Hull

12.00 LUNCH (VSEGEI)

13.00 DISCUSSION
What are the challenges? A student perspective.

13.45 Tour of VSEGEI Museum

14.15 Return to Azimut Hotel.

16.00 POSTER SESSION

25 August 2016	
Russian State Hydrometeorological University (RSHU), Rizhsky pr., 11	
Session: Environmental Education and Public Awareness	
09.00	Welcome and Introduction
09.15	<i>M. Kosyan</i> : Informational support for coastal forecast development of Russian tideless seas
09.30	<i>D. Levin et al.</i> : The Chester River Watershed Observatory: a test bed for water quality monitoring to test land use practices, manage land use, and enlist citizen involvement
09.45	<i>S. Falomeev</i> : Monitoring of coastal ecosystems by method of remote sensing in the short-wave range of radio waves
10.00	<i>A. Lapenkov, et al</i> : The landscape investigations as necessary part of biological study in the coastal zone
10.15	DISCUSSION. The role of monitoring and data in creating public awareness
10.30	BREAK
10.45	<i>E. Koontz, K. Webb et al.</i> : Viewpoints of the Chesapeake: influencing local and global citizenship in the fact of climate change
11.00	<i>J. Bunting</i> : Working cooperatively with school systems to integrate climate change education with a local context into school system curriculum
11.15	<i>Y. Hayashi</i> : From Amagasaki to the Seto Inland Sea and the World: High School Student Environment Network
11.30	<i>M. Scallion</i> : Reframing the climate change conversation: using values, explanatory chains and metaphor to increase public understanding of climate change
11.45	DISCUSSION Making a difference through education
13.30	LUNCH

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26 August 2016	
Russian State Hydrometeorological University (RSHU), Rizhsky pr., 11	
Session: Coastal science	
09.00	Welcome and Introduction
09.15	<i>N. Sitina</i> : Geoecological characteristic of the Cheboksary Reservoir coast
09.30	<i>M. Illarionova</i> : The influence of sea ice on the sea coast of Shantar Islands
09.45	<i>A. Dobrovolskaya</i> : Abnormal state of the northern segment of the Vistula spit
10.00	<i>A. Polyakov</i> : Winter season beach wideness and sand grain size variability on the western coast site of Kaliningrad Region (south-eastern part of the Baltic Sea)
10.15	<i>S.V. Krylenko</i> : Characteristics of the cliff vegetation communities of the Tuapkhata massif
10.30	BREAK
10.45	<i>N. Saito</i> : “TSUNAGARUKA” PROJECT, Connection among Forests, Rivers and the Sea for the Solution of Seafloor Litter Problem
11.00	<i>S.V. Slomnyuk</i> : The anthropogenic impact on the coast of the Kaliningrad region
11.15	DISCUSSION What is coastal science telling us? Continue preparation of Student Declaration
12.30	LUNCH “AZIMUT Hotel St.Petersburg”, 1 floor. Lermontovsky pr., 43/1
14.00	FINAL PLENARY “AZIMUT Hotel St.Petersburg”, 1 floor. Lermontovsky pr., 43/1
19.00	Gala-Dinner. “AZIMUT Hotel St.Petersburg”, 1 floor. Lermontovsky pr., 43/1