



International Conference
Remote Sensing of Environment:
Scientific and Applied Research in Asia-Pacific (RSAP2013)
 Vladivostok, Russia, 24-27 September 2013

Preliminary Conference Program

Day 1		September 24, 2013	
8.30 – 9.00		Registration	
9.30 – 10.00		Opening Ceremony	
10.00 – 11.00		Plenary Session	
11.00 – 11.15		Coffee Break	
11.15 – 13.45		Plenary Session	
13.45 – 14.30		Lunch	
14.30 – 16.00		Plenary Session	
16.00 – 16.15		Coffee Break	
16.15 – 18.15		Session 1	
18.20 – 18.30		Announcements	
Day 2		September 25, 2013	
8.30 – 9.00		Registration	
9.00 – 11.00		Plenary Session	
10.50 – 11.00		Conference Photo	
11.00 – 11.15		Coffee Break	
11.15 – 13.45		Plenary Session	
13.45 – 14.30		Lunch	
14.30 – 16.00		Session 2	

16.00 – 16.15	Coffee Break
16.15 – 17.15	Session 2
17.30 – 18.00	Bus Transfer to Marine Trip
18.00 – 21.00	Marine Trip and Banquet on «Hamadori»
Day 3	September 26, 2013
8.30 – 9.30	Registration
9.00 – 11.00	Session 3
11.00 – 11.15	Coffee Break
11.15 – 13.45	Session 3
13.45 – 14.30	Lunch
14.30 – 16.00	Session 4
16.00 – 16.15	Coffee Break
16.15 – 18.00	Session 4
18.00 – 18.10	Announcements
18.30 – 20.00	Excursions
Day 4	September 27, 2013
8.30 – 9.30	Registration
9.00 – 11.00	Round Tables
11.00 – 11.15	Coffee Break
11.15 – 12.00	Poster Session
12.00 – 13.30	Discussion Closing Ceremony
13.30 – 14.30	Lunch
14.30 – 18.00	Excursions

List of Presentations

1. Abakumov A.I., Izrailsky Yu.G., Pak S.Ya. Estimation of primary production in the Japan Sea from satellite data (Institute of Automation and Control Processes FEB, Vladivostok, Russia)
2. Aleksanin A.I., Kachur V. A. Optimal atmospheric correction for colour data processing with the program package SEADAS (Institute of Automation and Control Processes FEB RAS, Vladivostok, Russia)
3. Aleksanin A. I., Kim V. SST enhancement with edge neighborhood-based satellite image processing algorithms (Institute of Automation and Control Processes FEB RAS, Vladivostok, Russia)
4. Alexanin A.I., Alexanina M.G., Stopkin M.V. Ice-drift parameter estimation from satellite imagery (Institute of Automation and Control Processes FEB RAS, Far-Eastern Federal University, Vladivostok, Russia)
5. Arkhipkin O.P., Sagatdinova G.N. The space monitoring system of emergencies in Kazakhstan (U.M. Sultangazin Space Research Institute, National center of Space research and Technology, Alma-Ata, Kazakhstan)
6. Avdeev A.V. Modern trends in HPC application development: overview of Intel Software programming tools, examples of their effective usage and special Intel Russia/Worldwide programs for developers (Intel Corporation, Russia)
7. Baldina E., Martyanov A. Application of infrared satellite images for study and mapping of Primorye landscapes: Case study of Lazo Reserve (Lomonosov Moscow State university, Faculty of Geography, Moscow, Russia)
8. Belonenko T.V. Generalized synthesis of large-scale variability of sea level in the North-Western Pacific based on satellite altimetry (Saint Petersburg State University, St-Petersburg, Russia)
9. Blinovskaia I., Zadoia D. Oil spill modeling for development of oil fields on the Western Kamchatka shelf (G.I. Nevelskoy Maritime State University, Vladivostok, Russia)
10. Bobrova M.E., Perezhogin A.S. Modeling of geoacoustic emission zones for interrelation with InSAR data (Institute of Cosmophysical Research and Radiowave Propagation FEB RAS, Paratunka, Kamchatka region, Russia)
11. Bogdanov V., Kaisin A., Polyukhova A., Romanov A. The influence of cyclones over Kamchatka on the ionosphere electron distribution by height (Institute of Cosmophysical

Research and Radio Wave Propagation FEB RAS (IKIR), Paratunka, Kamchatskiy Kray, Russia; OJSC "Russian Space Systems, Moscow, Russia)

12. Bordonskiy G.S., Krylov S.D., Orlov A.O., Petrov O.I., Shegrina K.A. Electromagnetic losses of supercooled water at millimeter waves under $0 \pm 190^{\circ}\text{C}$ (Institute of Natural Resources, Ecology and Cryology SB RAS, Chita, Russia)
13. Burago V., Golik A., Kravchenko R., Matyushenko L., Moiseenko G., Vasik O., Shevchenko I. Sea ice data sets in the Northwest Pacific marginal seas (TINRO-Center, Vladivostok, Russia; Far East Federal University, Vladivostok, Russia; V.I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok, Russia; VNIRO, Moscow, Russia)
14. Burtsev M., Antonov V., Efremov V., Kashnizky A., Kramareva L., Krashennnikova Yu., Loupian E., Mazurov A., Matveev A., Milekhin O., Proshin A. Development of the SRC 'Planeta' distributed archives management system for satellite information products (Space Research Institute (IKI), Moscow, Russia; State Research Center "Planeta", Moscow, Russia)
15. Cherny I., Chernyavsky G., Nikitin O. Microwave technique for diagnostics of processes in oceanic thermocline (Scientific-Technological Center «Kosmonit», JSC «Russian Space Systems», Moscow)
16. Chetyrbotsky A.N. Sea ice cover formation and destruction analysis using remote sensing data (Far East Geological Institute, Vladivostok, Russia)
17. Chimitdorzhiev T., Zakharov A., Mironov V., Bykov M., Dagurov P., Dmitriev A. Application of satellite radar interferometry for monitoring dynamics of the Earth's surface caused by various effects (Institute of Physical Materials Science SB RAS, Ulan-Ude, Russia; Fryazino Branch of the Institute of Radioengineering and Electronics of RAS, Fryazino, Moscow Region, Russia; L. V. Kirenskiy Institute of Physics SB RAS, Krasnoyarsk, Russia)
18. Dagurov P.N., Dmitriev A.V., Chimitdorzhiev T.N. Phase variation in the microwave reflection and scattering from rough and smooth layered land covers (Institute of Physical Materials Science SB RAS, Ulan-Ude, Russia)
19. Diakov S.E., Naumova V.V. Satellite data providing system for geological investigations on the Far East of Russia (Institute of Automation and Control Processes FEB RAS, Vladivostok, Russia; Far East Geological Institute FEB RAS, Vladivostok, Russia)
20. Diakov S.E., Rybin A.V. Satellite monitoring of volcanoes of the Kuril Islands states (Institute of Automation and Control Processes FEB RAS, Vladivostok, Russia; Institute of Marine Geology and Geophysics FEB RAS, Yuzhno-Sakhalinsk, Russia)

21. Djuldin E.A., Konstantinov O.G. Study of wave characteristics by videopolarimeter data (V.I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok, Russia)
22. Dmitriev A., Chimitdorzhiev T., Dagurov P., Kirbizhekova I., Emelyanov K., Gusev M. Development and verification technologies of remotely sensed products from radar data (Institute of Physical Materials Science SB RAS, Ulan-Ude, Russia; Research Center for Earth Operative Monitoring of JSC «Russian Space Systems», Moscow, Russia)
23. Dubina V.A., Mitnik L.M. Satellite remote sensing of environmental processes in Peter the Great Bay (V.I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok, Russia)
24. Ebuchi N. Observation of ocean and atmosphere by AMSR2 on GCOM-W1 (Institute of Low Temperature Science, Hokkaido University, Sapporo, Japan)
25. Egidarev E., Simonov E. Using remotely sensed data for mapping effects of alluvial gold mining and estimation of basin-scale river bed disturbances (Pacific Institute of Geography FEB RAS, Vladivostok, 690041, Russia;
26. Eremenko A. Automatic system of tropical cyclone monitoring (Institute of Automation and Control Processes FEB RAS, Vladivostok, Russia)
27. Ermakov D., Savorskiy V., Chernushich A. The feasibility of a distributed infrastructure for collective usage of remote sensing data of the Earth based on virtual integration techniques (Institute of Radioengineering and Electronics of RAS, Fryazino Department, Fryazino, Moscow Region, Russia)
28. Ermakov D., Sharkov E., Chernushich A. Animated analysis of precedents of tropical cyclones' rapid intensification (Institute of Radioengineering and Electronics of RAS, Fryazino Department, Fryazino, Moscow Region, Russia; Space Research Institute RAS, Moscow, Russia)
29. Fetisov D. Trends of anthropogenic geosystems transformation in the Little Khingan Mountains (Institute for Complex Analysis of Regional Problems FEB RAS, Birobidzhan, Russia)
30. Filatov V.N., Ballo A.V., Eremin Yu.V., Ustinova E.I. Usage of SST data from satellite and in situ observations for operational scientific information support of the pacific saury fisheries expedition (Southern Scientific Centre RAS, Rostov-on-Don, Russia; Engineering Centre «Geotok», Vladivostok, Russia; Pacific Fisheries Research Centre (TINRO- Centre), Vladivostok, Russia)
31. Girina O.A. Satellite monitoring of Bezymianny volcano, Kamchatka (Institute of Volcanology and Seismology FEB RAS, Petropavlovsk-Kamchatsky, Russia)

32. Glagolev V., Kogan R. Application of satellite monitoring for estimation of vegetation fire hazards (ICARP FEB RAS), Vladivostok, Russia)
33. Gomozov O., Arakcheev A., Tsibin A., Chernenko A., Zhelannov S. Using GIS-technologies for information-analytical support for the management support in the Far Eastern Federal District of the Russian Federation (Open Joint-Stock Company «Scientific Research Institute of Precision Instruments», Moscow, Russia)
34. Gomozov O., Chernenko A., Karpuhin S., Altinov A. The concept of the integrated geoinformation cartographic Atlas of the Asia Pacific region based on remote sensing data (Open Joint-Stock Company «Scientific Research Institute of Precision Instruments», Moscow, Russia)
35. Grishin S. Impact of the large 2012-2013 eruption on vegetation in the Tolbachik volcano area, Kamchatka, from satellite data (Institute of Biology and Soil Science FEB RAS, Vladivostok, Russia)
36. Gusev M.N., Guseva I.M., Marchukov V.S. Remote sensing for the study the dynamics of channel forms an example of the Amur and Zeya Rivers (Institute of Geology and Nature Management FEB RAS, Vladivostok, Russia;
37. Katamanov S.N. Automated Image Navigation for Remote Sensing by Polar-Orbiting Satellites: Methods and Results (Institute of Automation and Control Processes FEB RAS, Vladivostok, Russia)
38. Kazansky A.V. Objective analysis of velocity data using streamlets (Institute of Automation and Control Processes FEB RAS, Vladivostok, Russia)
39. Kilmатов T., Zhabin I., Matvienko Yu., Lyakhov D. Spatial gradients of hydrometeorological fields as an indicator of climate change (Far Eastern Federal University, Vladivostok, Russia; V.I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok, Russia; Institute of Marine Technology Problem FEB RAS, Vladivostok, Russia)
40. Kirbizhekova I.I., Chimitdorzhiev T.N. Seasonal changes in forest vegetation on the basis of ALOS PALSAR polarimetric data (Institute of Physical Materials Science SB RAS, Ulan-Ude, Russia)
41. Kiseleva S.V., Maslov S.A., Natyaganov V.L., Sytov V.E. Catastrophic natural events as a sign of the modern revitalization of the planet (Lomonosov Moscow State University, Department of Geography, Moscow, Russia)
42. Kharitonov D. Data center technologies in IACP FEB RAS (Institute of Automation and Control Processes FEB, Vladivostok, Russia)

43. Khazanova E.S. Sea ice in the Tatar Strait, Japan Sea, from satellite remote sensing data (V.I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok, Russia)
44. Korolev Yu. The short-term tsunami forecast using remote sea-level gauges (Institute of Marine Geology and Geophysics FEB RAS, Yuzhno-Sakhalinsk, 693022, Russia)
45. Kramareva L., Chetyrin Y. The Far-Eastern Center of the 'Planeta' Research Center: data receiving systems, technology, data (Far East center "SRC "Planeta", Khabarovsk, Russia; Computer Center of Far East center of RAS, Khabarovsk, Russia)
46. Krasnopeyev S.M. Experience of topography modeling based on remote sensing data (Pacific Institute of Geography FEB RAS, Vladivostok, Russia)
47. Krasnopeyev S.M. Preliminary analysis of "Kanopus-V" and "BKA" images (Product Level2) (Pacific Institute of Geography FEB RAS, Vladivostok, Russia)
48. Krasnopeyev S.M., Pashinskiy S.S., Shulkin E.V. Development of key elements of spatial data infrastructure for open access to remote sensing data in FEB RAS institutions (Pacific Institute of Geography FEB RAS, Vladivostok, Russia)
49. Kukarenko E., Vasilevskaya L., Gurvich I. Hurricane cyclones over the Far-Eastern Seas and North Pacific Ocean (Far Eastern Federal University, Vladivostok, Russia; V.I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok, Russia)
50. Levin V.A., Alexanina M.G. Development of satellite monitoring technologies in the Far East branch of the Russian Academy of Sciences (Institute of Automation and Control Processes FEB RAS, Vladivostok, Russia)
51. Liou Yuei-An , Yen N., Fong Chen-Joe, Pavelyev A.G. On the achievements of Formosat-3 space mission and its follow-on Formosat-7 space mission status (Center for Space and Remote Sensing Research, National Central University, Chung-Li, Taiwan; Taiwan Group on Earth Observations, Chung-Li, Taiwan; National Space Organization (NSPO), National Applied Research Laboratories, Hsin-Chu, Taiwan; Kotelnikov Institute of Radio Engineering and Electronics of the RAS, Fryazino, Moscow region, Russia)
52. Liou Yuei-An, Liu Hsiao-Lan, Wang Tai-Sheng. Impact of Vanishing Irrigation Ponds on Regional Water Resources –Taoyuan Area as an example (Center for Space and Remote Sensing Research, National Central University, Chung-Li, Taiwan; Taiwan Group on Earth Observations, Chung-Li, Taiwan; 3Graduate Institute of Hakka Political Economy, National Central University, Chung-Li, Taiwan; Center for Space and Remote Sensing Research, National Central University, Chung-Li, Taiwan)

53. Lisitsa V., Shmirko K. Lidar sensing of the atmosphere by femtosecond laser pulses (Far Eastern Federal University, Vladivostok, Russia; Institute of Automation and Control Processes FEB RAS, Vladivostok, Russia)
54. Lobanov V., Ladychenko S., Kaplunenkov D., Sergeev A. Reverse flow in the northwestern Japan Sea observed by satellite and in-situ data (V.I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok, Russia)
55. Loupian E.A., Girina O.A., Sorokin A.A., Kramareva L.S. Remote Monitoring of Active Volcanoes of the Kamchatka and the Kurile Islands (VolSatView) Information Service: current state and perspective of development (Space Research Institute RAS, Moscow, Russia; Institute of Volcanology and Seismology FEB RAS, Petropavlovsk-Kamchatsky, Russia; Computer Center FEB RAS, Khabarovsk, Russia; SRC "Planeta", Khabarovsk, Russia)
56. Markelov G., Tyutrin S. Application of remote sensing for landscape evaluation in Khabarovsk (Center of Space Technologies Pacific National University, Khabarovsk, Russia)
57. Melnikov D., Ushakov S. Satellite and ground-based methods of volcanic sulfur dioxide analysis: case study for Kamchatka (Institute of volcanology and seismology FEB RAS, Petropavlovsk-Kamchatsky, Russia)
58. Mitnik M., Mitnik L. Algorithm development for geophysical parameter retrieval for the GCOM-W1, AMSR2, and Meteor-M No. 1 MTVZA-GYa radiometers (V.I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok, Russia)
59. Mitnik L., Mitnik M. Microwave passive and active remote sensing: From Kosmos-243 and Kosmos-1500 to GCOM-W1 AMSR2 and Envisat ASAR and ALOS PALSAR (V.I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok, Russia)
60. Moiseenko G.S., Shevchenko I.I., Burago B.A. The study of the remote sensing reflectance empirical orthogonal functions variability (Russian Federal Research Institute of Fisheries & Oceanography (VNIRO), Moscow, Russia; Pacific Fisheries Research Centre (TINRO-Centre), Vladivostok, Russia)
61. Morozov E., Pozdnyakov D., Korosov A., Petrenko D. Satellite monitoring of some harmful algal blooms with the use of specialized algorithms (Nansen International Environmental and Remote Sensing Centre (NIERSC), St.-Petersburg, Russia ; Nansen Environmental and Remote Sensing Centre (NERSC), Bergen, Norway)

62. Myshliakov S. Interpretation and mapping of hunting species habitats in Yakutia based on multispectral satellite images (Sovzond JSC, Moscow, Russia)
63. Natyaganov V.L. Monitoring of signs of preparation for earthquake forecast (Lomonosov Moscow State University, Department of Mechanics and Mathematics, Moscow, Russia)
64. Nedoluzhko I.V. Development of Means for Integration of Satellite Center FEB RAS Into All Russian and International Information Systems (Institute of Automation and Control Processes FEB RAS, Vladivostok, Russia)
65. Novikov Yu.V., Nikitin A.A., Zagumennov A.A. Automatic monitoring of synoptic eddies from satellite images and data hydrological surveys in the South Kuril Region in August-September 2012 (Pacific Fisheries Research Centre (TINRO-Centre), Vladivostok, Russia; Institute of Automation and Control Processes FEB RAS, Vladivostok, Russia)
66. Osarodion I., Oriabor A., Eighemherio B. Causes of Forest Fires in Nigeria (University of Ibadan, Sunenpal Reserch Group, Ibadan, Nigeria)
67. Osawa T., Pandawana I. Dewa Gede Agung, Rahman As-syakur Abd. Indonesia Rainfall Diurnal Cycle Analysis Using Satellite Data: A Case Study on Java Island and the surrounding area (Center for Remote Sensing and Ocean Sciences (CRoSOS), Udayana University, Denpasar, Bali, Indonesia; College of Computer Science STMIK INDONESIA (STIKI), Denpasar, Bali, Indonesia; Environmental Research Center (PPLH), Udayana University, Denpasar, Bali, Indonesia)
68. Ostroukhov A.V., Mirzekhanova Z.G. Evaluation of spatial characteristics of geosystem transformation under the influence of alluvial gold mining based on remote sensing data (Institute of water and ecology problems FEB RAS, Khabarovsk, Russia)
69. Pereslegin S., Khalikov Z. Operational radar diagnostics of oceanic high-speed phenomena from space (P.P. Shirshov Institute of oceanology RAS, Moscow, Russia)
70. Permyakov M.S., Potalova E.Yu. A study of tropical cyclones mesoscale structure on base on Quik SCAT scatterometer data (V.I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok, Russia)
71. Pichugin M.K., Gurvich I.A. Satellite multisensor study of winter atmospheric conditions associated with storm winds over the Japan Sea (V.I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok, Russia)
72. Ponomarev V.I., Aleksanina M.G., Fayman P.A., Fomin E.V., Dubina V.A., Mashkina I.V., Budyansky M.V., Shkorba S.P. Eddy structure of the Japan Sea circulation on satellite data and hydrodynamic simulation (V.I. Il'ichev Pacific Oceanological Institute FEB RAS,

Vladivostok, Russia; Institute of Automation and Control Processes FEB RAS, Vladivostok, Russia; Far Eastern Regional Hydrometeorological Research Institute (FERHRI) , Vladivostok, Russia)

73. Rozhkov Yu.F. Kondakova M.Yu. Оценка динамики процесса восстановления лесов после пожара с использованием дешифрирования космических снимков (ФГБУ «Государственный природный заповедник «Олекминский», Olekminsk, Russia; ФГБУ «Гидрохимический институт», Rostov-on-Don, Russia)
74. Rybas O., Gilmanova G. Identification of geological structures by processing digital elevation models using the scale-space theory and developing synthesized colored image (Yu. A. Kosygin Institute of Tectonics FEB RAS, Khabarovsk, Russia)
75. Sakerin S.M. Исследования аэрозольной оптической толщи и влагосодержания атмосферы над океаном с использованием солнечных фотометров и спутниковых данных (Институт оптики атмосферы им. В.Е. Зуева СО РАН, Tomsk, Russia)
76. Salyuk P.A., Stepochkin I.E. Devising of semianalytical model for phytoplankton communities state estimation from passive remote sensing data down the seas of Russian Far East (V.I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok, Russia)
77. Sedaeva O., Kusaylo O. The interrelation of seasonal sea level variations in the Sea of Okhotsk with atmospheric pressure and wind fields (Institute of Marine Geology & Geophysics, Yuzhno-Sakhalinsk, Russia; Sakhalin Research Institute of Fisheries & Oceanography, Yuzhno-Sakhalinsk, Russia)
78. Shambarova Yu.V., Stepochkin I.E. Devising of regional model for primary production estimation at the North Western Japan Sea (V.I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok, Russia)
79. Shevyrev S., Khomich V., Boriskina N., Shevyreva M. Remote sensing of ore-bearing areas of Russian Far East for mineragenic reconstruction (Far East Geological Institute FEB RAS, Vladivostok, Russia)
80. Shevyreva M. Zh., Shevyrev S. L., Shatrov N. V. About the detection of endogenous factor of water ecosystem formation using MODIS AQUA remotely sensed data (Far Eastern Federal University, Vladivostok, Russia)
81. Shevyreva M. Zh., Shevyrev S. L., Shatrov N. V. Lithodynamics of sediments and placer conditions from MODIS AQUA remote sensing data: case study of the Tartar Strait (an an example of Tartar strait) (Far Eastern Federal University, Vladivostok, Russia)

82. Shkaberda O., Vasilevska L., Stochkute Yu., Lamash B. Forecast heavy rainfall in Kamchatka 9-10 December 2010 year's (Far Eastern Federal University, Vladivostok, Russia)
83. Shmirko K., Pavlov A., Stolyarchuk S. The study of atmospheric aerosol distribution properties in the Far East region by means of lidar, sun-photometer and in-situ measurements (Institute of automation and control processes FEB RAS, Vladivostok, Russia)
84. Shtraikhert E., Zakharkov S., Gordeychuk T., Shambarova J. Verification of time variability for the satellite estimate of chlorophyll-a concentration in Peter the Great Bay during the winter-spring phytoplankton bloom (V.I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok, Russia)
85. Shulkin E. The client web application for spatial data analysis (Pacific Institute of Geography FEB RAS, Vladivostok, Russia)
86. Sorokin A.A., Korolev S.P., Shestakov N.V., Konovalov A.V., Girina O.A. Information technology software tools for geophysical and video observations in the FEB RAS research of natural hazards in the Russian Far East (Computing Center FEB RAS, Khabarovsk, Russia; Institute for Applied Mathematics FEB RAS, Vladivostok, Russia; Far Eastern Federal University, Vladivostok, Russia; Institute of Marine Geology and Geophysics FEB RAS, Yuzhno-Sakhalinsk, Russia; Institute of Volcanology and Seismology FEB RAS, Petropavlovsk-Kamchatsky, Russia)
87. Stepanov I., Chistov S. Assessment algorithm of earthquake parameters based on interpretation of satellite image series (Moscow State University, Faculty of Geography, Moscow, Russia)
88. Stepanov I., Chistov S. Satellite imagery for the earthquake monitoring (Moscow State University, Faculty of Geography, Moscow, Russia)
89. Steepochkin I.E., Salyuk P.A., Shmirko K.A. Development of the ISAD Interactive System for Analysis of Data for "in-situ" oceanological and atmospheric data (G.I. Nevelskoy Maritime State University, Vladivostok, Russia; V.I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok, Russia; Institute of Automation and Control Processes FEB RAS, Vladivostok, Russia)
90. Tokhiyan O.O., Kurlykov A.M., Gladkov A.P. Remote sensing data and information support using the Integrated Geographically Distributed Information System of ERS (IGDIS ERS) for research and management in industry, agriculture, and environmental monitoring (Open

Joint-Stock Company «Research Institute of Precision Instruments» (OJSC «RI PI»),
Moscow, Russia)

91. Trusenkova O., Kaplunenko D. Seasonal to decadal sea level variability in the Japan Sea derived from 20-yr satellite altimetry record (V.I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok, Russia)
92. Tshay Zh., Khen G. The comparison of satellite and in situ chlorophyll-a concentration in the Okhotsk Sea (Sakhalin Research Institute of Fisheries and Oceanography (SakhNIRO), Yuzhno-Sakhalinsk, Russia; TINRO-center, Vladivostok, Russia)
93. Uvarov I., Bocharova T., Lavrova O., Loupian E., Mityagina M. Capabilities of the "See the Sea" Internet service in satellite monitoring of the World Ocean (Space Research Institute RAS, Moscow, Russia)
94. Vasilevskaya L., Lamash B., Platonova V., Krokhin V. Integrated forecast of strong winds at the Sakhalin Island using remote sensing data and WRF model (Far Eastern Federal University, Vladivostok, Russia; Far Eastern Regional Hydrometeorological Research Institute, Vladivostok, Russia)
95. Vykochko A.V., Mitnik L.M., Cherny I.V. Snow water equivalent in Siberia from Meteor-M No. 1 and Aqua microwave radiometric measurements (V.I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok, Russia; Scientific-Technological Center «Kosmonit» JSC «Russian Space Systems», Moscow, Russia)
96. Zagumennov A.A. Automatic system for monitoring of mesoscale ocean eddies using remote sensing data (Institute of Automation and Control Processes FEB RAS, Vladivostok, Russia)
97. Zakharkov S., Shtraikhert E., Gordeychuk T., Shambarova J. Relationship of phytoplankton parameters with mixed layer depth in the Sea of Japan in winter (V.I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok, Russia)
98. Zavadskaya A., Yablokov V. Using GIS and remote sensing for detecting recreational durability of geothermal areas: case study in the Valley of Geysers, Kronotsky Reserve, Kamchatka, Far East of Russia (Kronotsky Reserve, Far East of Russia) (Kronotsky State Natural Biosphere Reserve, Yelizovo, Kamchatka, Russia; Greenpeace Russia, Moscow, Russia)
99. Zeleny L., Bartalev S., Loupian E. Contemporary capabilities of remote sensing technology application for the Earth Science (Space Research Institute RAS, Moscow, Russia)