

<b>June 25, 2017</b>		
<i>Hours</i>	<i>Event</i>	<i>Location</i>
6.00-24.00	Arrival of nonresident conference participants	Irkutsk City
<b>June 26, 2017</b>		
<i>Hours</i>	<i>Event</i>	<i>Location</i>
8.00-10.00	Registration of participants of the conference, meeting with representatives of the administration of INRTU, opening ceremony, photo session	Irkutsk City
10.30-11.00	Departure of the conference participants in Khuzhir village, Olkhon Island, Lake Baikal	Irkutsk City
11.00-19.00	Travel from Irkutsk to Khuzhir	
from 19.00	Arrival of conference participants in Khuzhir, accommodation in hotels	Khuzhir village (Olkhon Island, Lake Baikal)_Conference location_Nikita Bencharov's homestead
<b>June 27, 2017</b>		
<i>Location №1</i>		
<b>SECTION 1. MODELING OF ATMOSPHERIC PROCESSES, CLIMATE CHANGES AND CHARACTERISTICS OF A SNOW COVER</b>		
<i>Chairs: P.N. Dagurov, Doctor of Physics and Mathematics, Ulan-Ude; Tianjun Zhou, Assistant director, Beijing; Maigen Zhang, professor, Beijing; Li Weibiao, professor, Guangzhou; V.A. Kuzovkin, Ph.D., Moscow</i>		
<i>Co-chairs: A.N. Skorokhod, Ph.D., Moscow; Tsybul'skaya ND, Ph.D., Moscow</i>		
<i>Hours</i>	<i>Plenary reports</i>	
9.30-10.00	MEASURING SNOWPACK SATELLITE RADAR INTERFEROMETRY METHOD PARAMETER ESTIMATION <i>P.N.Dagurov<sup>1</sup>, T.N. Chimitdorzhiev<sup>1</sup>, A.V. Dmitriev<sup>1</sup>, S.I. Dobrynin<sup>2</sup>, A.I. Zakharov<sup>3</sup></i> <sup>1</sup> <i>Institute of Physical Material Science SB RAS, Ulan-Ude, Russia</i> <sup>2</sup> <i>Buryat Institute of Infocommunications (branch) SibSUTI, Ulan-Ude, Russia</i> <sup>3</sup> <i>Kotelnikov Institute of Radio Engineering and Electronics, RAS, Fryazinsky Branch, Fryazino, Russia</i>	
10.00-10.30	DETECTION AND ATTRIBUTION OF CLIMATE CHANGE OVER EAST ASIA <i>Zhou Tianjun</i> <i>Institute of Atmospheric Physics, Chinese Academy of Sciences, Beijing, China</i>	
10.30-11.00	LOCAL DEPOSITION MODELING OF INDUSTRIAL EMISSIONS USING DATA OF MONITORING THE CHEMICAL COMPOSITION OF SNOW COVER <i>V.V. Kuzovkin, D.A. Manzon, M.S. Bepalov</i> <i>Institute of Global Climate and Ecology of Roshydromet and RAS, Moscow, Russia</i>	
11.00-11.20	Coffee break	
11.20-11.50	HIGH-FREQUENCY OSCILLATIONS IN EYEWALLS OF TROPICAL CYCLONES <i>Weibiao Li<sup>1</sup>, Chen Shumin<sup>1</sup>, Lu Youyu<sup>2</sup>, Wen Zhiping<sup>1</sup></i> <sup>1</sup> <i>Sun Yat-Sen University, Guangzhou, China</i> <sup>2</sup> <i>Bedford Institute of Oceanography, Dartmouth, Canada</i>	
11.50-12.20	ATMOSPHERIC TRANSPORT OF MOISTURE IN THE ARCTIC <i>O.G. Zolina</i> <i>Shirshov Institute of Oceanology, RAS, Moscow, Russia</i>	
12.20-12.50	CMAQ SIMULATION OF ATMOSPHERIC CO <sub>2</sub> CONCENTRATION IN EAST ASIA: COMPARISON WITH GOSAT OBSERVATIONS AND GROUND MEASUREMENTS <i>Zhang Meigen</i> <i>Institute of Atmospheric Physics, Chinese Academy of Sciences, Beijing, China</i>	
12.50-13.00	MEASUREMENT OF ATMOSPHERIC AEROSOL PROPERTIES BASED ON RESOURCE CENTER SPSU "GEOMODEL" <i>O.A. Ivanova</i>	

	<i>RC "Geomodel", Science Park of St. Petersburg State University, St. Petersburg, Russia</i>
13.00-14.00	<i>Lunch</i>
<b>SECTION 2. METHODS, MEANS OF RESEARCH OF PHYSICAL AND CHEMICAL PROPERTIES AND CHEMICAL COMPOSITION OF SNOW COAT, ATMOSPHERIC DEPOSITS AND AEROSOLS</b>	
<i>Chairs: V.A. Vetrov, D.Sc., Moscow; E.I. Kotova, Ph.D., Arkhangelsk; D.A. Manzon, Ph.D., Moscow; O.G. Zolina, Ph.D., Moscow</i>	
<i>Co-chairs: N.A. Amirgaliev, Doctor of Geological Sciences, Almaty; K.S. Golokhvast, Doctor of Biological Sciences, Vladivostok; A.N. Baranov, Doctor of Technical Sciences, Irkutsk; S.A. Gromov, Ph.D., Moscow; A.M. Nasyrov, Head of UGMS, Irkutsk; A.N. Polishchuk, Ph.D., St. Petersburg</i>	
<i>Hours</i>	<i>Plenary reports</i>
14.00-14.30	THE STATE OBSERVATION NETWORK FOR CHEMICAL COMPOSITION OF SNOW COVER IN RUSSIA: RESULTS AND CHALLENGES <i>V.A. Vetrov, D.A. Manzon, V.V. Kuzovkin</i> <i>Institute of Global Climate and Ecology, Moscow, Russia</i>
14.30-15.00	ASSESSMENT OF THE FIRST INDIRECT RADIATIVE EFFECT OF AMMONIUMSULFATE-NITRATE AEROSOLS IN EAST ASIA <i>Han Xiao<sup>1</sup>, Zhang Meigen<sup>1</sup>, A.I. Skorokhod<sup>2</sup></i> <sup>1</sup> <i>Institute of Atmospheric Physics, Chinese Academy of Sciences, Beijing, China</i> <sup>2</sup> <i>Obukhov Institute of Atmospheric Physics, Russian Academy of Sciences, Moscow, Russia</i>
14.50-15.10	THE ROLE OF ATMOSPHERIC PRECIPITATION AND SNOWPACK IN THE FORMATION OF ENVIRONMENTAL CONTAMINATION IN ARKHANGELSK REGION <i>E.I. Kotova</i> <i>Federal Research Center for Integrated Studies of the Arctic, Russian Academy of Sciences, Arkhangelsk, Russia</i>
15.10-15.30	COMPARISON BETWEEN MONITORING DATA OF THE CHEMICAL COMPOSITION OF SNOW COVER AND OBSERVATIONS OF CHEMICAL COMPOSITION OF PRECIPITATION <i>D.A. Manzon, V.V. Kuzovkin</i> <i>Institute of Global Climate and Ecology, Moscow, Russia</i>
15.30-15.50	<i>Coffee break</i>
15.50-16.20	RECENT TRENDS OF SUMMER CONVECTIVE AND STRATIFORM PRECIPITATION IN MID-EASTERN CHINA <i>Fu Yunfei</i> <i>Institute of Atmospheric Physics, Chinese Academy of Sciences, Beijing, China</i>
16.20-16.40	SPATIO-TEMPORAL VARIATION OF ATMOSPHERIC AEROSOL FRACTIONS OF FINE ARID TERRITORIES <i>A.L. Dementieva, G.S. Zhamsueva, A.S. Zayakhanov</i> <i>Institute of Physical Materials Science SB RAS, Ulan-Ude, Russia</i>
16.40-17.00	THE ISOTOPIC COMPOSITION OF ATMOSPHERIC PRECIPITATION IN THE FOOTHILLS OF THE ALTAI MOUNTAINS <i>N.S. Malygina<sup>1</sup>, A.N. Eirich<sup>1</sup>, N.Yu. Kurepina<sup>1</sup>, N.A. Ryabchinskaya<sup>2</sup>, T.S. Papina<sup>1</sup></i> <sup>1</sup> <i>Institute of Water and Ecological Problems SB RAS, Barnaul, Russia</i> <sup>2</sup> <i>Altai State University, Barnaul, Russia</i>
17.00-17.20	FEATURES OF METEOROLOGICAL CONDITIONS AND THE STRUCTURE OF THE SNOW COVER IN MOSCOW GEOSYSTEMS <i>D.M. Frolov<sup>1</sup>, M.N. Petrushina<sup>1</sup>, V.V. Litvinenko<sup>2</sup></i> <sup>1</sup> <i>Lomonosov Moscow State University, Moscow, Russia</i> <sup>2</sup> <i>Lenin Moscow State Pedagogical University, Moscow, Russia</i>
<i>Location №2</i>	
<b>SECTION 3. ECOLOGY OF NORTHERN TERRITORIES AND BAIKAL REGION</b>	
<i>Chairs: G.S. Zhamsueva, Ph.D., Ulan-Ude; A.V. Talovskaya, Ph.D., Tomsk</i>	
<i>Co-chairs: I.Sh. Normatov, Doctor of Chemistry, Corr. Academy of Sciences of Tajikistan, Dushanbe; A.V. Sosnovsky, D.Sc., Moscow; V.N. Makarov, D.Sc., Yakutsk; L.Kh. Tas-ool, Ph.D., Kyzyl; S.A. Chupikova, Ph.D., Ky-</i>	

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<i>Hours</i>	<i>Plenary reports</i>
9.30-10.00	TEMPORAL VARIABILITY OF OZONE AND NITROGEN OXIDES IN THE SURFACE LAYER OF THE ATMOSPHERE OF LAKE BAIKAL <i>A.S. Zayakhanov, G.S. Zhamsueva, V.V. Tsydypov, T.S. Balzhanov</i> <i>Institute of Physical Materials Science SB RAS, Ulan-Ude, Russia</i>
10.00-10.30	GEOCHEMISTRY OF SNOW COVER IN THE AREA OF FUEL AND ENERGY COMPLEX URBAN AND RURAL LANDSCAPES OF WESTERN SIBERIA <i>A.V. Talovskaya, E.G. Yazikov, E.A. Filimonenko, T.S. Shakhova, V.V. Lithau</i> <i>National Research Tomsk Polytechnic University, Tomsk, Russia</i>
10.30-10.40	ATMOSPHERIC EMISSION INVENTORY OF HAZARDOUS TRACE ELEMENTS (HTES) IN CHINA <i>Tian Hezhong</i> <i>Institute of Atmospheric Physics, Chinese Academy of Sciences, Beijing, China</i>
10.40-11.00	CHEMICAL COMPOSITION AND ACIDITY OF RAINFALL IN THE TERRITORY OF CIS FOR THE PERIOD 2007-2016 <i>E.S. Semenets, A.I. Polishchuk, N.A. Pershina, M.T. Pavlova, P.F. Svistov</i> <i>Voeikov Main Geophysical Observatory, St. Petersburg, Russia</i>
11.00-11.20	<i>Coffee break</i>
11.20-11.40	ANALYSIS OF THE COLLECTION OF RARE EARTH ELEMENTS FROM ATMOSPHERE ON SNOW COVER AROUND THE OMSK OIL REFINERY <i>T.S. Shakhova, A.V. Talovskaya, E.G. Yazikov</i> <i>National Research Tomsk Polytechnic University, Tomsk, Russia</i>
11.40-12.00	USE OF GIS IN THE MONITORING OF CONTAMINATION OF SNOW COVER KYZYL <i>S.A. Chupikova<sup>1</sup>, L.H. Tas-ool<sup>1</sup>, N.N. Yanchat<sup>1</sup>, B.G. Khomushku<sup>2</sup></i> <i><sup>1</sup>Tuvinian Institute for exploration of Natural Resources SB RAS, Kyzyl, Russia</i> <i><sup>2</sup>Tuva State University, Kyzyl, Russia</i>
12.00-12.20	DYNAMICS AND PROPERTIES OF AEROSOL COMPOSITION OF THE ATMOSPHERE ON THE SOUTH-EASTERN COAST OF LAKE BAIKAL <i>G.S. Zhamsueva, A.S. Zayakhanov, A.V. Starikov</i> <i>Institute of Physical Material Science SB RAS, Ulan-Ude, Russia</i>
12.20-12.40	ASSESSMENT OF THE IMPACT OF CLIMATE CHANGE ON BIOGEOCHEMICAL CYCLE OF PHOSPHORUS <i>E.G. Vasilyeva, A.S. Makarova</i> <i>Mendeleev University of Chemical Technology of Russia, Moscow, Russia</i>
12.40-13.00	MEDICINAL HERB ADAPTATIONS TO THERMAL REGIMES AT LAKE BAIKAL <i>Meyer Maikl<sup>1</sup>, M.A. Zhivetyev<sup>2,3</sup>, I.A. Graskova<sup>3</sup></i> <i><sup>1</sup>Washington State University US National Science Foundation Fellow, Washington, USA</i> <i><sup>2</sup>Irkutsk National Research Technical University, Irkutsk, Russia</i> <i><sup>3</sup>Siberian Institute of Plant Physiology and Biochemistry SB RAS, Irkutsk, Russia</i>
13.00-14.00	<i>Lunch</i>
<b>SECTION 4. QUALITY OF THE ATMOSPHERE, CONDITION OF NATURAL ECOSYSTEMS</b>	
<i>Chairs: V.A. Kuznetsov, Dr.Sc., Moscow; Doroshkevich, Ph.D., Ulan-Ude; Dr.rer.nat.habil. Thomas Fischer, Laboratory Director, Brandenburg; M.A. Zhivetyev, Ph.D., Irkutsk; N.I. Yanchenko, Dr.Sc., Irkutsk</i>	
<i>Co-chairs: V.V. Verkhoturov, Dr.Sc., Irkutsk; Yu.S. Bukin, Ph.D., Irkutsk,</i>	
<i>Hours</i>	<i>Plenary reports</i>
14.00-14.30	ENVIRONMENTAL STATE IN ORE ENRICHMENT WASTE ACCOMODATION PLACES OF DZHIDA DEPOSIT (BAIKAL REGION) <i>S.G. Doroshkevich, O.K. Smirnova, B.V. Dampilova, A.V. Ukraintsev</i> <i>Geological Institute SB RAS, Ulan-Ude, Russia</i>
14.30-15.00	OZONE PREDICTION COMBINED WITH SLOW FEATURE ANALYSIS <i>Wang Geli</i> <i>Institute of Atmospheric Physics, Chinese Academy of Sciences, Beijing, China</i>

15.00-15.30	PASSIVE DOSIMETRY OF STATE OF ATMOSPHERIC AIR IN FOREST ECOSYSTEMS IN THE URBANIZED TERRITORIES <i>V.A. Kuznetsov<sup>1</sup>, O.V. Bednova<sup>2</sup></i> <sup>1</sup> <i>Mendeleev University of Chemical Technology of Russia, Moscow, Russia</i> <sup>2</sup> <i>Bauman Moscow State Technical University, Moscow, Russia</i>
15.30-15.50	<i>Coffee break</i>
15.50-16.10	PRACTICAL APPLICATION OF R-PROGRAMMING ENVIRONMENT TO IDENTIFY PATTERNS OF INFLUENCE OF ABIOTIC ENVIRONMENT FACTORS ON THE BIOCHEMICAL CHANGES IN THE TISSUES OF PLANTS <i>M.A. Zhivetyev<sup>1,2</sup>, I.M. Romanova<sup>1</sup>, Yu.S. Bukin<sup>2,3</sup></i> <sup>1</sup> <i>Siberian Institute of Plant Physiology and Biochemistry SB RAS, Irkutsk, Russia</i> <sup>2</sup> <i>Irkutsk National Research Technical University, Irkutsk, Russia</i> <sup>3</sup> <i>Limological Institute SB RAS, Irkutsk, Russia</i>
16.10-16.30	DISPERSED INSOLUBLE PARTICLES IN SNOW COVER IN AREAS OF FOREST FIRES <i>A.V. Ukraintsev</i> <i>Geological Institute SB RAS, Ulan-Ude, Russia</i>
16.30-16.50	SOURCES OF BIOLOGICAL AEROSOLS IN PRECIPITATION IN CENTRAL YAKUTIA (YAKUTSK) <i>O.N. Ryabchinskaya<sup>1</sup>, N.S. Malygina<sup>2</sup>, T.S. Papina<sup>2</sup>, E.Yu. Mitrofanova<sup>2</sup></i> <sup>1</sup> <i>Altai State University, Barnaul, Russia</i> <sup>2</sup> <i>Institute of Water and Ecological Problems SB RAS, Barnaul, Russia</i>
16.50-17.00	THE RESULTS OF THE RESEARCH AEROSOL FRACTIONS IN MICRODISPERSED SURFACE LAYER OF THE ATMOSPHERE OF THE BAIKAL REGION <i>I.P. Sungrapova, A.S. Zayakhanov, G.S. Zhamsueva, V.V. Tsydyrov</i> <i>Institute of Physical Material Science SB RAS, Ulan-Ude, Russia</i>
18.30-22.00	<i>Friendly dinner and picnic, music program</i>
<b>June 28, 2017</b>	
<i>Location №1</i>	
<i>Hours</i>	<i>Event</i>
10.00-12.00	<b><i>Youth School "Snow cover, precipitation, aerosols: climate and ecology" with reports</i></b>
10.00-10.30	INFLUENCE OF ALKALI AEROSOLS ON CARBON AND NITROGEN CYCLE PINE (PINUS SILVESTRIS L.) ECOSYSTEMS OF NORTH-EAST GERMANY <i>Thomas Fischer</i> <i>Brandenburg University of Technology, Cottbus, Germany</i>
10.30-11.00	MINERALOGICAL-GEOCHEMICAL ESTIMATION OF AEROTECHNOGENIC POLLUTION OF INDUSTRIAL-URBAN AREAS ACCORDING TO STUDY SNOW COVER (ON THE EXAMPLE OF THE SOUTH OF WESTERN SIBERIA) <i>A.V. Talovskaya</i> <i>National Research Tomsk Polytechnic University, Tomsk, Russia</i>
11.00-11.20	<i>Coffee break</i>
11.20-11.50	PROBLEMS OF ENVIRONMENTAL MONITORING ON THE EXAMPLE OF ECO-GEOCHEMICAL MONITORING IN THE REGION OF LAKE BAIKAL <i>V.A. Vetrov</i> <i>Institute of Global Climate and Ecology, Moscow, Russia</i>
11.50-12.20	HERBAL PEROXIDASE ACTIVITY AS A MARKER OF THE STRESS INFLUENCE GROWING ENVIRONMENTAL CONDITIONS <i>M.A. Zhivetyev<sup>1,2</sup>, I.A. Graskova<sup>2</sup></i> <sup>1</sup> <i>Irkutsk National Research Technical University, Irkutsk, Russia</i> <sup>2</sup> <i>Siberian Institute of Plant Physiology and Biochemistry SB RAS, Irkutsk, Russia</i>
12.20-13.00	ECOLOGICAL PROBLEMS OF PRODUCTION OF PRIMARY ALUMINUM IN SIBERIA <i>N.I. Yanchenko, A.N. Baranov</i> <i>Irkutsk National Research Technical University, Irkutsk, Russia</i>
13.00-14.00	<i>Lunch</i>
14.00-15.30	<b><i>Excursion to the meteorological station in Khuzhir</i></b>

15.30-15.50	<i>Coffee break</i>	
15.50-18.00	<b>Round table “Ecological state of the Baikal region: evaluation criteria and the role of precipitation pollution”</b> <i>Lead speaker Dr. Sc. V.A. Vetrov, Moscow</i>	
15.50	LIMITATION OF HUMAN IMPACTS ON THE ENVIRONMENT IN RUSSIA: STATE OF THE PROBLEM AND PROMISING STRATEGY <u>V.A. Vetrov</u> <i>Institute of Global Climate and Ecology, Moscow, Russia</i>	
16.20	JUSTIFICATION MONITORING JEKOGEOHIMICHESKOGO PROGRAMMES OF NATURAL ENVIRONMENTS IN THE REGION OF LAKE BAIKAL <u>V.A. Vetrov</u> <i>Institute of Global Climate and Ecology, Moscow, Russia</i>	
16.50.	DISCUSSION ABOUT THE PROBLEM OF ECOLOGICAL CHANGES NATURAL ECOSYSTEMS UNDER THE INFLUENCE OF INDUSTRIAL EMISSIONS <u>Thomas Fischer</u> <i>Brandenburg University of Technology, Cottbus, Germany</i>	
17.10	DEVELOPMENT OF AMBIENT AIR MONITORING SYSTEMS IN THE REGION OF LAKE BAIKAL <u>G.S. Zhamsueva</u> <i>Institute of Physical Material Science SB RAS, Ulan-Ude, Russia</i>	
17.30	SAFE STORAGE OF WASTE ORE-DRESSING PRODUCTION <u>S.G. Doroshkevich, O.K. Smirnova</u> <i>Geological Institute SB RAS, Ulan-Ude, Russia</i>	
18.00-19.00	<i>Closing ceremony</i>	
18.30-22.00	<i>Gala dinner and picnic in nature, musical program</i>	
<b>June 29, 2017</b>		
<i>Hours</i>	<i>Event</i>	<i>Location</i>
10.00-11.00	<i>Departure of the conference participants in Irkutsk</i>	<i>Hotels of Khuzhir village</i>
11.00-19.00	<i>Travel from Khuzhir to Irkutsk</i>	
19.00-20.00	<i>Arrival of conference participants in Irkutsk</i>	<i>Irkutsk City</i>

\* Representatives from China - participants of the project No. 14-47-00049 "The Impact of Anthropogenic and Natural Emissions of Greenhouse and Pollutants on Climatic and Ecosystem Changes in Eurasia" by the Russian Scientific Foundation, obtained by the Obukhov Institute of Atmospheric Physics of the Russian Academy of Sciences .