



GOVERNMENT OF THE REPUBLIC OF BURYATIA
SIBERIAN BRANCH OF THE RUSSIAN ACADEMY OF SCIENCES
BAIKAL INSTITUTE OF NATURE MANAGEMENT OF THE SIBERIAN BRANCH
OF THE RUSSIAN ACADEMY OF SCIENCES
RUSSIAN GEOGRAPHICAL SOCIETY

PROGRAMME

of the International Research and Practice Conference

"BAIKAL - GATEWAY TO ASIA",

dedicated to the Year of Science and Technology in the Russian Federation
and the 30th anniversary of the Baikal Institute of Nature Management SB
RAS

Ulan-Ude, Republic of Buryatia, Russia
June 3 – 6, 2021

Co-Chairmen of the Organizing Committee

Ivan A. Alkheev, Deputy Chairman of the Government of the Republic of Buryatia;
Valentin N. Parmon, Vice-President of RAS, Chairman of SB RAS, Academician of RAS;
Endon Zh. Garmaev, Director of the Baikal Institute of Nature Management SB RAS, Corresponding Member of RAS;
Regdel D., President of the Academy of Sciences of Mongolia, Academician of ASM;
Sergei V. Korlykhanov, Deputy Executive Director - Director of the Department of Regional Development of the Russian Geographical Society.

Members of the Organizing Committee

Maria B. Badmatsyrenova, Minister of Tourism of the Republic of Buryatia;
Sergei A. Matveev, Minister of Natural Resources and Environment of the Republic of Buryatia;
Arnold K. Tulokhonov, Scientific supervisor of the Baikal Institute of Nature Management SB RAS, Academician of RAS;
Boris V. Bazarov, Director of the Institute for Mongolian, Buddhist and Tibetan Studies SB RAS, Academician of RAS;
Dong Suocheng, Leading Professor of the Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences;
D. Battogtokh, Director of the Institute of Geography and Geoecology of the Academy of Sciences of Mongolia;
Igor N. Vladimirov, Director, V. B. Sochava Institute of Geography SB RAS;
Igor E. Mikheev, Acting Director of the Institute of Natural Resources, Ecology and Cryology SB RAS.

Conference Secretariat

Natalia B. Lubsanova, Research associate at the Laboratory of Environmental Economics at BINM SB RAS, Phone: +79021619800, nlub@binm.ru
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Official e-mail of the Organizing Committee: baikal_gate@binm.ru.

WARNING!

The conference is held under new restrictions on organizing public events imposed due to the worsening of the epidemiological situation with COVID-19 in the Republic of Buryatia.

All events will be held in mixed format (offline and online) in compliance with the requirements established by the Decree of the Head of the Republic of Buryatia dated March 13, 2020 № 37 (amended on May 21, 2021), the Federal Service for Supervision of Consumer Rights Protection and Human Welfare to prevent new coronavirus infection (COVID-19) and the Republican Operational Staff to address the threat of spread of coronavirus infection (<https://egov-buryatia.ru/informatsiya-o-novoy-koronavirusnoy-infektsii-covid-19/dokumenty/>).

CONFERENCE AGENDA

June 3 Thursday	9.00 – 10.00	Registration of the participants and guests of the conference <i>Lobby of the Conference Hall of the Buryat Scientific Center SB RAS, 6 Sakhyanovoy St., 3rd floor</i>
	10.00 – 12.00	Opening of the conference - Formal meeting
	12.00 – 14.00	Lunch
	14.00 – 16.30	Plenary session
June 4 Friday	9.00 – 11.00	Breakout sessions
	11.00 – 11.30	Coffee break
	11.30 – 13.00	Continuation of the conference
	13.00 – 14.00	Lunch
	14.00 – 17.00	Continuation of the conference
June 5 Saturday	9.00 – 18.30	Field trips are possible with consideration of all safety precautions: - a trip to the "Steppe Nomad" (village of Atsagat) - a trip to the Baikal Harbor SEZ and Goryachinsk settlement

The format of the conference is mixed: in person and online via Zoom.

The working languages of the conference are Russian and English.

JUNE 3

OPENING OF THE CONFERENCE - FORMAL MEETING

10.00 – 12.00

Chairman - Endon Zh. Garmaev, *D.Sc (Geography), Corr. Member of RAS, Director, BINM SB RAS*

Secretary - Valentin S. Batomunkuev, *Cand.Sc. (Geography), Deputy Director for Research, BINM SB RAS*

Conference Hall of the Buryat Scientific Center SB RAS, 6 Sakhyanovoy St., 3rd floor

Link to the Zoom Conference:

<https://us02web.zoom.us/j/86900801643?pwd=cFJrcnJIT3VGbHovejZORXpIR1RxQT09>

Conference ID: 869 0080 1643

Password: 609939

Welcoming speech by Endon Zh. Garmaev, *D.Sc (Geography), Corr. Member of RAS, Director, BINM SB RAS*

BINM SB RAS - 30 YEARS: MAIN RESULTS OF SCIENTIFIC AND ORGANIZATIONAL ACTIVITIES

Speech

Nikolai P. Pokhilenko (Academician of RAS, Deputy Chairman of SB RAS, Novosibirsk)

Ivan A. Alkheev (Deputy Chairman of the Government of the Republic of Buryatia, Ulan-Ude)

Anatoly G. Kushnarev (D.Sc (Agriculture), Professor, Chairman of the Committee on Economic Policy, Nature Management and Ecology, People's Khural of the Republic of Buryatia, Ulan-Ude)

Valery A. Kryukov (Academician of RAS, Director, Institute of Economics and Organization of Industrial Production SB RAS, Novosibirsk)

Sergey A. Matveev (Minister of Natural Resources and Environment of the Republic of Buryatia)

Dorzhi M. Angarkhaev (Acting Minister of Education and Science of the Republic of Buryatia)

Tuyana B. Dugarova (Deputy Minister of Tourism of the Republic of Buryatia - Chairman of the Committee on promotion of tourist products and support for the tourism industry)

Dugeriin Regdel (President of the Academy of Sciences of Mongolia, Ulaanbaatar, Mongolia)

Dong Suocheng (Sc.D., Leading Professor, Institute of Geographic sciences and Natural Resources Research, Chinese Academy of Sciences, Beijing, China)

Battogtokh Dorzhgotov (Ph.D., Director, Institute of Geography and Geoecology, Academy of Sciences of Mongolia, Ulaanbaatar, Mongolia)

Speech by the heads of municipalities of the Republic of Buryatia

Speech by the heads of scientific institutions

Speech by the heads of the universities

Speech by the heads of environmental protection agencies

Other

PLENARY SESSION

14.00 – 16.30

Chairman - Endon Zh. Garmaev, *D.Sc (Geography), Corr. Member of RAS, Director, BINM SB RAS*

Secretary - Valentin S. Batomunkuev, *Cand.Sc. (Geography), Deputy Director for Research, BINM SB RAS*

Conference Hall of the Buryat Scientific Center SB RAS, 6 Sakhyanovoy St., 3rd floor

Link to the Zoom Conference:

<https://us02web.zoom.us/j/86900801643?pwd=cFJrcnJIT3VGbHovejZORXpIR1RxQT09>

Conference ID: 869 0080 1643

Password: 609939

14.00 – 14.25	Arnold K. Tulokhonov (<i>Academician of RAS, Scientific Supervisor, BINM SB RAS, Ulan-Ude</i>) TO THE ANNIVERSARY OF BINM RAS: "30 YEARS LATER", "SCIENTISTS: GEOGRAPHERS, GEOLOGISTS, MINERS", "GEOGRAPHICAL SPACE OF NEW RUSSIA: ON THE PAST, PRESENT AND FUTURE".
14.25 – 14.50	Igor V. Bychkov (<i>Academician of RAS, Scientific Supervisor, Irkutsk Scientific Center SB RAS, Director, Matrosov Institute of Systems Dynamics and Management Theory SB RAS, Irkutsk</i>) FUNDAMENTALS, METHODS, AND TECHNOLOGIES OF DIGITAL MONITORING AND FORECASTING OF THE ENVIRONMENTAL SITUATION IN THE BAIKAL NATURAL AREA
14.50 – 15.15	Dong Suocheng (<i>Sc.D., Leading Professor, Institute of Geographic sciences and Natural Resources Research, CAS, Beijing, China</i>) RESEARCH ON ECO-ECONOMIC REGIONALIZATION OF THE CHINA-MONGOLIA-RUSSIA ECONOMIC CORRIDOR
15.15 – 15.40	Igor N. Vladimirov (<i>D.Sc (Geography), Director, V.B. Sochava Institute of Geography SB RAS, Irkutsk</i>) GEOSYSTEMS OF THE BAIKAL REGION: STRUCTURE, DYNAMICS AND SUSTAINABILITY
15.40 – 16.05	Igor E. Mikheev (<i>Cand.Sc. (Geography), Acting Director of the Institute of Natural Resources, Ecology and Cryology SB RAS, Chita</i>) PROBLEMS OF GEOPOLITICS-NATURE INTERACTION IN BORDER AND TRANSBOUNDARY TERRITORIES
16.05 – 16.30	<u>Dmitry V. Chernykh</u> ^{1, 2} (<i>D.Sc (Geography), Chief Researcher at the Institute of Water and Environmental Problems SB RAS, Barnaul</i>) L.F. Lubenets ¹ , M. Glushkova ³ , M. Zhiyanski ³ ¹ <i>Institute of Water and Ecological Problems SB RAS, Barnaul,</i> ² <i>Altai State University, Barnaul,</i> ³ <i>Forestry Institute of the Bulgarian Academy of Sciences, Sofia, Bulgaria</i> ECOSYSTEM VALUES AND EFFECTIVENESS OF PROTECTED AREAS IN HIGH ALTITUDES: A COMPARATIVE ASSESSMENT OF THE VIEWS OF THE POPULATION OF THE BULGARIAN RHODOPES AND THE RUSSIAN ALTAI

JUNE 4

SESSION 1

«SPATIAL DEVELOPMENT OF ASIAN RUSSIA: CONDITIONS, FACTORS AND MECHANISMS»

Chairman - Valentin S. Batomunkuev, *Cand.Sc. (Geography), Deputy Director for Research, BINM SB RAS*

Secretary - Daba Ts.-D. Zhamyanov (*Cand.Sc. (Geography), Senior Researcher at the Laboratory of Geostrategic Research and Spatial Development of BINM SB RAS*)
Conference Hall of Institute for Mongolian, Buddhist and Tibetan Studies SB RAS, 6 Sakhyanovoy St., 3rd floor, lecture room 326.

Link to the Zoom Conference:

<https://us02web.zoom.us/j/83493529540?pwd=MVBjcjM0V0JaRVl0RlNrS3hDaU9KQT09>

Conference ID: 834 9352 9540

Password: 021628

10.00 - 10.15	N.M. Sysoeva. <i>Department of Regional Economic and Social Problems of the Irkutsk Scientific Center of the Siberian Branch of the Russian Academy of Sciences, Irkutsk</i> INTERREGIONAL COOPERATION AS A FACTOR IN THE DEVELOPMENT OF THE ASIAN PART OF RUSSIA
10.15 - 10.30	Xu Yang <i>College of Environment and Planning of Henan University, National Earth System Science Data Center, Institute of Geographic Sciences and Natural Resources Research, CAS, China, Beijing</i> SPATIO-TEMPORAL ANALYSIS OF VEGETATION VARIATION IN THE CHINA-MONGOLIA-RUSSIA ECONOMIC CORRIDOR DURING 1982-2015
10.30 - 10.45	A.S. Mikheeva <i>Baikal Institute of Nature Management SB RAS, Ulan-Ude</i> STUDY OF ECOLOGICAL AND ECONOMIC DEVELOPMENT OF ASIAN RUSSIA AND NEIGHBORING TERRITORIES: EXPERIENCE, ESTIMATES, RESULTS
10.45 - 11.00	T. Boldanov ^{1, 2, 3} , Ts. Bazarzhapov ^{2, 3} , A. Bilgaev ^{2, 3} , S. Dong ² , A. Tulokhonov ¹ , H. Cheng ² , F. Li ² <i>¹Baikal Institute of Nature Management SB RAS, Ulan-Ude,</i> <i>²Institute of Geographic Sciences and Natural Resources Research, CAS, China, Beijing, China,</i> <i>³University of the Chinese Academy of Sciences, Beijing, China</i> THE STEPPE ROUTE PROGRAM WITHIN THE FRAMEWORK OF RUSSIAN-MONGOLIAN-CHINESE COOPERATION
11.00 - 11.15	N.E. Krasnoshtanova ¹ , M.V. Kuklina ² , A.I. Trufanov ² <i>¹V.B. Sochava Institute of Geography SB RAS, Irkutsk,</i> <i>²Irkutsk National Research Technical University, Irkutsk</i> INFORMAL PRACTICES AND INFRASTRUCTURES IN THE SOCIAL AND ECONOMIC DEVELOPMENT OF REMOTE AREAS OF SIBERIA
11.15 - 11.30	Coffee break

11.30 - 11.45	A.B. Andreev, V.S. Batomunkuev, E.Zh. Garmaev, A.V. Makarov, A.S. Mikheeva. <i>Baikal Institute of Nature Management SB RAS, Ulan-Ude</i> STEPPE ROUTE: COMPREHENSIVE ASSESSMENT OF PREREQUISITES AND CONDITIONS FOR THE FORMATION OF THE CHINA-MONGOLIA-RUSSIA ECONOMIC CORRIDOR
11.45 - 12.00	D.D. Badaraev <i>Institute of Mongolian, Buddhist and Tibetan Studies SB RAS, Ulan-Ude</i> DEVELOPMENT OF TRADITIONAL ANIMAL HUSBANDRY AS A FORM OF ENSURING SOCIAL SECURITY IN BAIKAL ASIA
12.00 - 12.15	I. G. Aktamov. <i>Institute of Mongolian, Buddhist, and Tibetan Studies SB RAS, Ulan-Ude</i> LABOR MIGRATION FROM THE FAR EAST TO THE PRC IN 2008-2018.
12.15 - 12.30	A. N. Beshentsev <i>Baikal Institute of Nature Management SB RAS, Ulan-Ude</i> USE OF GEO-INFORMATION QUERIES IN THE WORK WITH THE GIS OF NATURAL RESOURCES MANAGEMENT
12.30 - 12.45	<u>N.R. Zangeeva.</u> , V.S. Batomunkuev, V.G. Ayusheeva, T.S. Rygzynov <i>Baikal Institute of Nature Management SB RAS, Ulan-Ude</i> SOCIO-DEMOGRAPHIC ASPECTS OF THE REGIONAL DEVELOPMENT IN THE ASIAN PART OF RUSSIA
12.45 - 13.00	V.S. Batomunkuev, B.O. Gomboev, D.Ts.-D. Zhamyanov, Z.E. Banzaraktsaev, V.E. Tsydypov, M.A. Motoshkina, A.B. Tsybikova, A.G. Badmaev, N.R. Zangeeva, V.G. Ayusheeva, E.E. Doynikova, T.Sh. Rygynov, B.B. Sharaldaev. <i>Baikal Institute of Nature Management SB RAS, Ulan-Ude</i> THEORETICAL AND METHODOLOGICAL SUBSTANTIATION OF THE STUDY OF SPATIAL DEVELOPMENT OF ASIAN RUSSIA
13.00 - 13.15	Discussion of reports and conference resolution
SESSION 2 «NATURE AND RESOURCE SPECIFICITY OF BAIKAL ASIA AND ADJACENT TERRITORIES»	
<p>Chairman - Bair O. Gomboev (<i>D.Sc (Geography), Chief Researcher at the Laboratory of Geostrategic Research and Spatial Development of BINM SB RAS</i>) Secretary - Darima A. Darbalaeva (<i>Cand.Sc (Economics), Researcher at the Nature Management Economics Laboratory, BINM SB RAS</i>) <i>Meeting Room of Scientific Council, BINM SB RAS, 6 Sakhyanovoy St., 1st floor</i></p> <p><i>Link to the Zoom Conference:</i> https://zoom.us/j/99605539826?pwd=L2dlODVXZnBremRWaGhQVjZSZFBMdz09 Conference ID: 996 0553 9826 Password: 555</p>	
10.00 - 10.15	V.M. Plusnin, A.A. Sorokovoy <i>V. B. Sochava Institute of Geography SB RAS, Irkutsk</i> METHODS FOR STUDY OF GEOSYSTEMS OF THE BAIKAL NATURAL AREA
10.15 - 10.30	<u>S. V. Borzenko.</u> <i>Institute of Natural Resources, Ecology and Cryology SB RAS, Chita</i> SODA WATERS OF THE SOUTHEASTERN TRANSBAIKALIA
10.30 - 10.45	<u>S.V. Borzenko</u> , B.B. Bazarova, A.P. Kuklin, L.V. Zamana, E.Yu. Afonina, N.A. Tashlykova, G.C. Tsybekmitova, P.V. Matafonov, I.A. Fedorov <i>Institute of Natural Resources, Ecology and Cryology SB RAS, Chita</i> SODA LAKE ECOSYSTEMS OF NORTHEAST CENTRAL ASIA: IN SEARCH OF SOLUTIONS TO THE CHALLENGES OF TIME

10.45 – 11.00	G.S. Bordonsky <i>Institute of Natural Resources, Ecology and Cryology SB RAS, Chita</i> COLD WATER AS AN IMPORTANT OBJECT OF THE BAIKAL ASIAN HYDROSPHERE
11.00 – 11.15	D.V. Kobylkin. <i>V. B. Sochava Institute of Geography SB RAS, Irkutsk</i> GEOSYSTEMS OF THE CENTRAL PART OF THE SELENGA MIDDLE MOUNTAINS IN THE HOLOCENE
11.15 – 11.30	Coffee break
11.30 – 11.45	Jiang Hou, Yang Yaping <i>Institute of Geographic Sciences and Natural Resources Research, CAS, China, Beijing</i> LOCAL RESPONSE OF LAND SURFACE TEMPERATURE TO LAND COVER CHANGES ON THE MONGOLIAN PLATEAU
11.45 – 12.00	G.Ts. Tsybekmitova <i>Institute of Natural Resources, Ecology and Cryology SB RAS, Chita</i> ECOLOGICAL STATE OF SURFACE WATERS IN THE NORTH-EAST OF CENTRAL ASIA
12.00 – 12.15	Ying Xin, Yang Yaping <i>Institute of Geographic Sciences and Natural Resources Research, CAS, China, Beijing</i> THE DRIVING FACTORS OF THE SPATIO-TEMPORAL VARIATION OF PRECIPITATION IN MONGOLIA DURING 2000-2019
12.15 – 12.30	L.M. Korytnyi ¹ , L.B. Bashalkhanova ¹ , I.A. Belozertseva ^{1,2} , O.V. Gagarinova ¹ , N.V. Emelyanova ¹ , A.A. Sorokovoy ¹ , S.Enkh-Amgalan ³ , D.Battogtokh ³ , I.B. Vorobyeva ¹ , D.N. Lopatinova ¹ , A.A. Izmailova ² , M.V. Trukhanova ² ¹ <i>V. B. Sochava Institute of Geography SB RAS, Irkutsk,</i> ² <i>Irkutsk State University, Irkutsk,</i> ³ <i>Institute of Geography and Geoecology, Academy of Sciences of Mongolia, Ulaanbaatar, Mongolia</i> ENVIRONMENTAL CONDITION OF URBANIZED CENTERS IN IRKUTSK REGION, REPUBLIC OF BURYATIA AND MONGOLIA
12.30 – 12.45	Yang Yaping, Wang Hongzhi <i>Institute of Geographic Sciences and Natural Resources Research, CAS, China, Beijing</i> STUDY ON RELATIONSHIP AND CHARACTERISTICS OF ECO-HYDROLOGICAL PROCESSES AND CLIMATE CHANGE OF THE LAKE BAIKAL BASIN
12.45 – 13.00	Jiuchun Yang <i>Institute of Geography and AgroEcology, CAS, China, Changchun</i> MONITORING AND FORECASTING OF GULLY EROSION PROCESS BASED ON MULTI-LOAD UAV REMOTE SENSING
13.00 – 14.00	Lunch
14.00 – 14.15	E.A. Ilyicheva, M.V. Pavlov <i>V. B. Sochava Institute of Geography SB RAS, Irkutsk</i> DEVELOPMENT OF THE BAIKAL ESTUARY SYSTEMS DURING THE ANTHROPOGENIC STAGE

14.15 – 14.30	Urtnasan Mandakh <i>Institute of Geography and Geoecology, Academy of Sciences of Mongolia, Ulaanbaatar, Mongolia</i> DEGRADATION AND RESTORATION OF PASTURES (THE EXAMPLE OF MONGOLIA'S BULGAN PROVINCE)
14.30 – 14.45	Zhang Yubo <i>College of Earth Sciences, Jilin University, Changchun, PRC</i> A NEW MODEL INTEGRATING DEEP LEARNING FOR LAND USE/COVER CHANGE RECONSTRUCTION: A CASE STUDY OF NORTHEASTERN CHINESE CITY OF BAICHENG
14.45 – 15.00	D.A. Darbalaeva <i>Baikal Institute of Nature Management SB RAS, Ulan-Ude</i> ASSESSMENT OF ECOSYSTEM SERVICES IN THE REGIONS OF NORTHERN ASIA
15.00 – 15.15	Ts. Batchuluun ¹ , V.S. Batomunkuev ² <i>¹Mongolian National University, Ulaanbaatar, Mongolia,</i> <i>²Baikal Institute of Nature Management SB RAS, Ulan-Ude</i> TRANSFORMATION OF NATURAL LANDSCAPES IN THE BORDER AREAS OF RUSSIA AND MONGOLIA UNDER THE INFLUENCE OF ANTHROPOGENIC ACTIVITY
15.15 – 15.30	Discussion of reports and conference resolution
SESSION 3 "NEW MATERIALS AND TECHNOLOGIES FOR SUSTAINABLE DEVELOPMENT"	
Chairman - Vitaly F. Burdukovsky (<i>D.Sc (Chemistry)</i> , Deputy Director for Science, BINM SB RAS) Secretary - Olga S. Korkunova (Engineer, Laboratory of Polymer Chemistry, BINM SB RAS) <i>Link to the Zoom Conference:</i> <i>https://zoom.us/j/96234644335?pwd=UWlrU0s2RHFudmNXNWFtSmt6Ryt3QT09</i> <i>Conference ID: 962 3464 4335</i> <i>Password: 930861</i>	
10.00 – 10.15	V.A. Malchevsky ¹ , V.A. Beregovoy ² , S.A. Boldyrev ² , A.E. Kapustin ² , A.M. Subbotin ¹ , S.A. Petrov ¹ <i>¹Federal Research Center Tyumen Scientific Center SB RAS, Tyumen,</i> <i>²Penza University of Architecture and Construction, Penza</i> THE USE OF AN EXOMETABOLITE ADDITIVE OF THE MICROORGANISM BACILLUS CEREUS, OBTAINED FROM WATERED SOILS, AS A PLASTICIZER TO IMPROVE THE STRENGTH OF CEMENT MORTARS
10.15 – 10.30	G.A. Yurgenson <i>Institute of Natural Resources, Ecology and Cryology SB RAS, Chita</i> MINING WASTES AS SOURCES OF RARE METALS IN ZABAIKALSKY KRAI
10.30 – 10.45	I.G. Antropova ¹ , A.A. Merinov ^{1,2} <i>¹Baikal Institute of Nature Management SB RAS, Ulan-Ude,</i> <i>²Dorzhi Banzarov Buryat State University, Ulan-Ude</i> ON THE POSSIBILITY OF USING THE STEAM-GAS TECHNOLOGY TO PROCESS COMPLEX POLYMETALLIC ORES OF THE "OZERNOYE" DEPOSIT
10.45 – 11.00	L.I. Khudyakova <i>Baikal Institute of Nature Management SB RAS, Ulan-Ude</i> NEW CONSTRUCTION MATERIALS FROM MINING WASTE

11.00 – 11.15	L.D. Radnaeva, <u>S.V. Bazarsadueva</u> <i>Baikal Institute of Nature Management SB RAS, Ulan-Ude</i> TRANSFORMATION OF FATTY ACIDS IN THE "AMPHIPODS-FISH-NERPA" FOOD CHAIN IN LAKE BAIKAL
11.15 – 11.30	Coffee break
11.30 11.45	<u>B.Ch. Holkhoev</u> , V.F. Burdukovsky <i>Baikal Institute of Nature Management SB RAS, Ulan-Ude</i> 4D PRINTING SEMI-PENETRATING POLYMER NETS BASED ON HEAT RESISTANT POLYMERS
11.45 – 12.00	S. V. Zhigzhitzhapova <i>Baikal Institute of Nature Management SB RAS, Ulan-Ude</i> SPECIES DIVERSITY AND CHEMICAL COMPOSITION OF WORMWOOD IN BURYATIA
12.00 – 12.15	<u>V.G. Shiretorova</u> , S.A. Erdyneeva, L.D. Radnaeva <i>Baikal Institute of Nature Management SB RAS, Ulan-Ude</i> ESSENTIAL OILS OF PINUS PLANTS GROWING IN BURYATIA
12.00 – 12.15	A.A. Batoeva, M.R. Sizykh, B.A. <u>Tsybikova</u> , <u>D.G. Aseev</u> , V.A. Munkoeva <i>Baikal Institute of Nature Management SB RAS, Ulan-Ude</i> DEVELOPMENT OF AN ENERGY-EFFICIENT METHOD FOR DECONTAMINATION OF MINING WASTE WATER BASED ON THE PRINCIPLES OF GREEN CHEMISTRY
12.15 – 12.30	A.K. Subanakov, E.V. Kovtunets, B.G. Bazarov <i>Baikal Institute of Nature Management SB RAS, Ulan-Ude</i> DOUBLE BORATES OF ALKALINE AND RARE-EARTH ELEMENTS: SYNTHESIS, STRUCTURE AND PROPERTIES
12.30 – 12.45	N.M. Garkusheva <i>Baikal Institute of Nature Management SB RAS, Ulan-Ude</i> WATER DISINFECTION WITH TWO WAVELENGTHS OF EXILAMP UV RADIATION
12.45 – 13.00	Discussion of reports and conference resolution

SESSION 4
«ECOTOURISM AND PROTECTED AREAS IN THE BAIKAL NATURAL AREA»

Chairman – Lyudmila B.-Zh. Maksanova (*D.Sc (Economics), Senior Researcher at the Nature Management Economics Laboratory, BINM SB RAS*)

Secretary – Vitaly E. Tsydypov (*Junior Researcher at the Laboratory of Geostrategic Research and Spatial Development BINM SB RAS*)

Conference Hall of Institute of General and Experimental Biology SB RAS, 6 Sakhyanovoy St., 4th floor

Link to the Zoom Conference:

<https://zoom.us/j/93189963086?pwd=UzRqY2pRZ2t0c3JoRTFRQkNrVFZxZz09>

Conference ID: 931 8996 3086

Password: 785918

10.00 – 10.10	<p><u>L.B.-Zh. Maksanova</u>¹, O.B. Kharitonova², T.A. Khrebtova³</p> <p>¹<i>Baikal Institute of Nature Management SB RAS, Ulan-Ude,</i> ²<i>ANO "Agency for Strategic Initiatives for the Promotion of New Projects", Moscow,</i> ³<i>Ministry of Tourism of the Republic of Buryatia, Ulan-Ude</i></p> <p>ON THE NEW APPROACHES IN THE FORMATION OF MODELS FOR THE INTEGRATED DEVELOPMENT OF ECOLOGICAL TOURISM IN NATURAL AREAS AND THEIR SURROUNDINGS</p>
10.10 – 10.20	<p><u>M.E. Ovdin, A.A. Ananin.</u></p> <p><i>Federal state institution "Zapovednoe Podlemorye", Ust-Barguzin settlement</i></p> <p>ON THE DEVELOPMENT OF ECOLOGICAL TOURISM IN THE PROTECTED AREAS UNDER THE MANAGEMENT OF THE FEDERAL STATE INSTITUTION "ZAPOVEDNOE PODLEMORYE".</p>
10.20 – 10.30	<p><u>E.V. Kislov</u></p> <p><i>Geological Institute SB RAS, Ulan-Ude</i></p> <p>GEOLOGICAL MONUMENTS OF NATURE AS THE BASIS FOR THE CREATION OF THE "NORTHERN BAIKAL MOUNTAINS" GEOPARK</p>
10.30 – 10.40	<p><u>M.A. Kuklina</u>¹, N.E. Krasnoshtanova², D.V. Kobylkin², L.N. Samaeva³ <i>1Irkutsk National Research Technical University, Irkutsk</i> ²<i>W. B. Sochava Institute of Geography SB RAS</i> ³<i>Orlik Secondary General Education School, Orlik village</i></p> <p>TOURISM DEVELOPMENT PROSPECTS IN OKA DISTRICT</p>
10.40 – 10.50	<p><u>I.Yu. Mamatov.</u></p> <p><i>"Mamatov" (Ltd), St. Petersburg</i></p> <p>"BERING EXPEDITIONS" - A PROJECT IN THE FIELD OF EDUCATION AND TOURISM</p>
10.50 – 11.00	<p><u>A.M. Andreeva.</u></p> <p><i>Baikal Institute of Nature Management SB RAS, Ulan-Ude</i></p> <p>RESPONSIBLE TOURISM: CURRENT PROBLEMS AND DEVELOPMENT PROSPECTS (RESULTS OF THE SURVEY OF TOURIST BUSINESS ENTITIES IN THE REPUBLIC OF BURYATIA)</p>
11.00 – 11.30	<p>Coffee break</p>
11.30 – 11.40	<p><u>E.D. Sanzheev.</u></p> <p><i>Baikal Institute of Nature Management SB RAS, Ulan-Ude</i></p> <p>PROBLEMS OF RECREATIONAL USE OF SPECIALLY PROTECTED NATURAL AREAS OF LAKE BAIKAL COAST (THE CASE OF THE REPUBLIC OF BURYATIA)</p>

11.40 – 11.50	S. D. Garmaev, F. G. Zabelkina. <i>Municipal Formation "Selenginskiy District" of the Republic of Buryatia</i> ON THE STRATEGY FOR CREATING THE SPECIALLY PROTECTED NATURAL AREA OF LOCAL SIGNIFICANCE - "LAKE CHUCHYE" RECREATIONAL AREA IN THE SELENGINSKY DISTRICT OF THE REPUBLIC OF BURYATIA TO DEVELOP THE TOURISM AND RECREATION CLUSTER DEVELOPMENT ZONE
11.50 – 12.00	<u>A.E. Kislov</u> ¹ , E.V. Kislov ² , L.D. Bazarova ² ¹ <i>Administration of the city of Ulan-Ude</i> , ² <i>Geological Institute SB RAS, Ulan-Ude</i> GEOLOGICAL NATURAL MONUMENTS AS THE BASIS FOR CREATING THE "SELENGA VALLEY" GEOPARK
12.00 – 12.10	<u>T.B. Bardakhanova</u> ¹ , V.D. Sharaldaeva ² , L.B.-Zh. Maksanova ¹ ¹ <i>Baikal Institute of Nature Management SB RAS, Ulan-Ude</i> , ² <i>East Siberian State University of Technology and Management, Ulan-Ude</i> PECULIARITIES OF TOURISM CONCESSIONS IN NATIONAL PARK
12.10– 12.20	D.G. Budaeva <i>Baikal Institute of Nature Management SB RAS, Ulan-Ude</i> CHANGES IN THE FUNCTIONAL ZONING OF THE TUNKINSKIY NATIONAL PARK
12.20 – 12.30	S.G. Smirnov. <i>Chamber of Lawyers of the Moscow Region, Moscow</i> ПРАВОВОЙ СТАТУС НАЦИОНАЛЬНЫХ ТРОП И ТУРИСТИЧЕСКИХ МАРШРУТОВ. НАЦИОНАЛЬНЫЕ ТРОПЫ, КАК ОБЪЕКТЫ ХОЗЯЙСТВЕННОГО ОБОРОТА
12.30 – 12.40	E.A. Batotsyrenov, V.N. Chernykh. <i>Baikal Institute of Nature Management SB RAS, Ulan-Ude</i> UDUNGINSKY MERCHANT TRACT: HISTORY AND PRESENT DAY
12.40 – 13.00	Discussion of reports and conference resolution
JUNE 5	
9.00 – 16.00	Trip to "Steppe Nomad" (Atsagat village) Departure from the hotel "Buryatia", 47 a, Kommunisticheskaya St.
9.00 – 18.30	Trip to SEZ TRT "Baikal Harbor" and Goryachinsk settlement Departure from the hotel "Buryatia", 47 a, Kommunisticheskaya St.