SEPARATE SUBDIVISION FEDERAL STATE BUDGETARY INSTITUTION OF SCIENCE

KHABAROVSK FEDERAL RESEARCH CENTER

OF THE FAR EASTERN BRANCH OF THE RUSSIAN ACADEMY OF SCIENCES

INSTITUTE OF WATER AND ECOLOGY PROBLEMS OF

THE FAR EASTERN BRUNCH OF THE RUSSIAN ACADEMY OF SCIENCES

THE ADMINISTRATION OF KHABAROVSK

WORLD WILDLIFE FUND (WWF), AMUR BRANCH

**PROGRAMME**

***International scientific conference***

**"REGIONS OF NEW DEVELOPMENT: THE CURRENT STATE OF NATURAL COMPLEXES AND THEIR PROTECTION”**

****

**October 5 – October 7, 2021**

Khabarovsk

**Organizing Committee:**

**Chairman:** Interim Director, M. Kryukova, Sc.D. (Biology), IWEP FEB RAS.

**Vice-chairmen:** A. Makhinov, Sc.D. (Geography), IWEP FEB RAS, T. Motorykina, Ph.D. (Biology), IWEP FEB RAS.

**Executive secretaries:** L. Antonova, Ph.D. (Biology), IWEP FEB RAS, G. Morozova, Ph.D. (Biology), IWEP FEB RAS.

**Technical secretary:** L. Panchenko, IWEP FEB RAS.

**Members of the Organizing Committee:**

S. Schlottgauer, Sc.D. (Biology), IWEP FEB RAS,

L. Kondratieva, Sc.D. (Biology), IWEP FEB RAS,

V. Kulakov, Sc.D. (Geology and Mineralogy), IWEP FEB RAS,

Z. Mirzekhanova, Sc.D. (Geography), IWEP FEB RAS,

N. Ryabinin, Sc.D. (Biology), IWEP FEB RAS,

G. Kharitonova, Sc.D. (Biology), IWEP FEB RAS,

Ye. Koshkin, Ph.D. (Biology), IWEP FEB RAS,

V. Shesterkin, Ph.D. (Geography), IWEP FEB RAS,

V. Chakov, Ph.D. (Biology), IWEP FEB RAS,

D. Kurenschikov, Ph.D. (Biology), IWEP FEB RAS,

A. Ostroukhov, Ph.D. (Geography), IWEP FEB RAS.

**Program Committee:**

**Chairman:** Interim Director, M. Kryukova, Sc.D. (Biology), IWEP FEB RAS.

**Vice-chairmen:** corr. mem. of RAS, B. Voronov, IWEP FEB RAS.

**Members of the Program Committee:**

P. Baklanov, academician of the RAS, Scientific Director of the PGI FEB RAS,

E. Garmaev, corresponding member of RAS, Director of BINM SB RAS,

1. Puzanov, Sc.D. (Biology), Director of IWEP SB RAS,

**The working language of the conference is Russian.**

**Rules of work of the conference:**

presentation of plenary reports – 20-25 min.;

presentation with sectional reports – 15 min. (with questions).

EVENT SCHEDULE

|  |  |  |
| --- | --- | --- |
| **Event** | **Time** | **Venue** |
| **October 5** | | |
| Registration of participants | 900-1000 | IWEP FEB RAS Conference Hall,  56 Dikopoltseva str., room 102 |
| Opening of the conference | 1000-1015 |
| Plenary session | 1015-1300 |
| Group photo | 1300-1315 |
| Lunch | 1315-1430 |  |
| Section 1. Biological diversity of terrestrial and aquatic ecosystems. | 1430-1700 | IWEP FEB RAS Conference Hall,  56 Dikopoltseva str., room 208 |
| Section 2. Water resources and ecosystems: status and usage | 1430-1700 | IWEP FEB RAS Conference Hall,  56 Dikopoltseva str., room 102 |
| **Dinner** | 1700-1900 | Bierkopf Restaurant,  46 Dikopoltseva str. |
| **October 6** | | |
| Section 1. Biological diversity of terrestrial and aquatic ecosystems. | 900-1300 | IWEP FEB RAS Conference Hall,  56 Dikopoltseva str., room 208 |
| Section 2. Water resources and ecosystems: status and usage | 900-1330 | Ко IWEP FEB RAS Conference Hall,  56 Dikopoltseva str., room 102 |
| Lunch | 1300-1400 |  |
| Section 3. Diversity and problems of landscape sustainability | 1400-1700 | IWEP FEB RAS Conference Hall,  56 Dikopoltseva  str., room 102 |
| Section 4. Scientific foundations of nature protection and optimization of specially protected natural areas | 1400-1700 | IWEP FEB RAS Conference Hall,  56 Dikopoltseva str., room 208 |
| **Boat trip on the Amur** | **1700-1900** | IWEP FEB RAS |
| **October 7** | | |
| Section 3. Diversity and problems of landscape sustainability | 900-1300 | IWEP FEB RAS Conference Hall,  56 Dikopoltseva str., room 102 |
| Lunch | 1300-1400 |  |
| Section 3. Diversity and problems of landscape sustainability  Section 5. Sustainable urban development | 1400-1600 | IWEP FEB RAS Conference Hall,  56 Dikopoltseva  str., room 102 |
| Summing up. Closing of the conference | 1600-1630 | IWEP FEB RAS Conference Hall,  56 Dikopoltseva str., room 102 |
| **Khabarovsk bus tour** | **1630-1830** | IWEP FEB RAS |
| Coffee-break 1100-1115 и 1600-1615 | | |

**Opening of the conference**

**October 5, 1000-1015**

Greetings to the participants of the International Scientific Conference "REGIONS OF NEW DEVELOPMENT: THE CURRENT STATE OF NATURAL COMPLEXES AND THEIR PROTECTION":

Igor Yu. Rasskazov, Corresponding Member of the Russian Academy of Sciences, Doctor of Technical Sciences, Director of the KHFIC FEB RAS

Olga P. Cheblukova, Amur branch of WWF Russia

Sergey A. Kravchuk, Mayor of Khabarovsk

Maria V. Kryukova, Interim Director of IWEP FEB RAS, Doctor of Biological Sciences

**Plenary session**

**1015-1300 (large conference hall, room 102 )**

Chairman: M. Kryukova, Dr. Sc. (Biology)

Secretary: Ye. Koshkin, PhD (Biology)

1. Boris A. Voronov (IWEP FEB RAS, Khabarovsk) ECOLOGICAL AND FUNCTIONAL TRANSFORMATIONS IN ECOSYSTEMS OF THE NORTHERN AMUR REGION
2. Endon Zh. Garmaev, Tsydypov B., Suprunenko A. (Baikal Institute of Nature Management SB RAS, Ulan-UDE) THE CURRENT STATE OF SMALL LAKES IN THE NORTH OF CENTRAL ASIA UNDER CLIMATE CHANGE
3. Suocheng DONG, Y. YANG, T. BOLDANOV, J. LI, F LI., B. XIA, T.BAZARZHAPOV (Institute of Geographical Sciences and Natural Resources Research of the Chinese Academy of Sciences) Research on Eco-Economic Regionalization of the China-Mongolia-Russia Economic Corridor.
4. F. Li, M. Ji, H. Cheng, S. Dong, Q. liu, T. Boldanov (Institute of Geographical Sciences and Natural Resources Research of the Chinese Academy of Sciences) Study on the Green Development Potential and International Cooperation Countermeasures of Primorsky Krai of Russia.
5. Alexey M. Tokranov (Kamchatka Branch of the Pacific Institute of Geography FEB RAS, Petropavlovsk-Kamchatsky) PROBLEMS OF PRESERVING THE BIODIVERSITY OF KAMCHATKA'S AQUATIC ECOSYSTEMS
6. Alexey S. Stepanov, Gantamur Sambuu, Kharitonova G.V., Dubrovin K.N. (Far Eastern Research Institute of Agriculture, Khabarovsk) ASSESSMENT OF THE IMPACT OF OIL POLLUTION ON THE VEGETATION COVER OF THE TAMSAG-BULAGSKOYE FIELD USING SATELLITE DATA
7. Olga P. Cheblukova, Ozyal L., Zolotukhin S., Skopets M., Beldy O. (Amur Branch of WWF Russia, Vladivostok; Association of Indigenous Peoples of the North of the Khabarovsk Territory) THE RESULTS OF MONITORING THE FILLING OF PACIFIC SALMON SPAWNING GROUNDS IN THE AMUR RIVER BASIN AND THE IMPACT OF FISHING REGULATION MEASURES ON SALMON NUMBERS IN 2018-2021.
8. Irina G. Dubyanskaya (Department for the Protection of the Environment and Natural Resources of Khabarovsk) ON IMPROVING THE ACTIVITIES OF THE CITY ADMINISTRATION IN THE FIELD OF ENVIRONMENTAL PROTECTION AND ENVIRONMENTAL SAFETY
9. Natalia V. Lomakina, Antonova N. (Institute of Economic Research FEB RAS, Khabarovsk) FORMATION OF SUSTAINABLE DEVELOPMENT INDICATORS FOR THE RESOURCE REGION: AMUR ECOREGION
10. Alexey N. Makhinov, A. Makhinova, V. Kim, Liu Shuguang (Institute of Water and Ecology Problems of KHFIC FEB RAS, Khabarovsk, Tongji University, Department of Hydrology and Engineering, Shanghai, China) THE IMPACT OF FLOODS AND URBANIZATION ON THE CONTENT AND MIGRATION OF CHEMICAL ELEMENTS IN THE AMUR RIVER

**Section 1**

Biological diversity of terrestrial and aquatic ecosystems

**October 5, 1430-1700 (small conference hall, room 208)**

Chairman: S. Schlottgauer, Sc.D. (Biology), A. Tokranov, Sc.D. (Biology)

Secretary: K.Tkachenko, Ph.D. (Biology), O. Khomchenko, Ph.D. (Biology)

1. Afonina E., Tashlykova N. (Institute of Natural Resources, Ecology and Cryology SB RAS, Chita) CHARACTERISTICS OF HYDROBIOCENOSES OF WATER BODIES IN THE BASIN OF THE AMAZAR RIVER (TRANS-BAIKAL TERRITORY)
2. Bazarova B. (Institute of Natural Resources, Ecology and Cryology SB RAS, Chita) LONG-TERM DYNAMICS OF VEGETATION COVER OF KENON LAKE (TRANS-BAIKAL TERRITORY)
3. Bazarova B., Kuklin A.P., Mikheev I.V., Afonina E.Yu., Tashlykova N.A., Matafonov P.V., Tsybekmitova G.TS. (Institute of Natural Resources, Ecology and Cryology SB RAS, Chita) BIODIVERSITY OF THE SMALL RESERVOIR IN THE FIRST YEARS OF FILLING (AMAZAR RIVER, AMUR BASIN, RUSSIA)
4. Schlottgauer S. (IWEP FEB RAS, Khabarovsk) THE ORIGIN OF THE FLORA OF THE BADZHAL RIDGE (KHABAROVSK TERRITORY)
5. Bazarova V., Kudryavtseva E.K., Lyashevskaya M.S. (Pacific Institute of Geography FEB RAS, Vladivostok) PRELIMINARY DATA ON THE EXISTENCE OF THE EAST ASIAN AREA OF ABMROSIA IN THE HOLOCENE
6. Zhelibo T. (Institute of Natural Resources, Ecology and Cryology SB RAS, Chita) REPRESENTATIVES OF THE GENUS RHODODENDRON L. ON THE UDOKAN RIDGE (NORTHERN TRANSBAIKALIA)
7. Kondratova A. (Institute of Geology and Environmental Management FEB RAS, Blagoveshchensk) POSTPYROGENIC CHANGE IN THE NUMBER OF COLLEMBOLES IN BOREAL LARCH FORESTS
8. Kulenko E., Nikitina L.I. (Far Eastern State Transport University, Khabarovsk) ASSESSMENT OF THE ECOLOGICAL STATE OF SMALL RIVERS OF KHABAROVSK BASED ON THE USE OF CILIOFAUNA
9. Ozaryan Yu., Kozhevnikova T.V., Manzhula I.S. (Mining Institute FEB RAS, Khabarovsk) INFORMATION AND COMPUTING TECHNOLOGIES FOR THE STUDY OF NATURAL RESTORATION OF VEGETATION COVER
10. Lonkina E., Rubtsova T.A. (Bastak State Nature Reserve, Birobidzhan) LARCH TREES OF THE BASTAK STATE NATURE RESERVE
11. Chakov V., Parkhomchuk E.V., Zakharchenko E.N. (IWEP FEB RAS, Khabarovsk; Novosibirsk State University, Institute of Archaeology and Ethnography SB RAS) DYNAMICS OF PEAT ACCUMULATION PROCESSES IN THE AREAS OF THE PERIGLACIAL ZONE OF THE BASIN WATERSHED OF THE TUGUR-NIMELEN RIVERS

**October 6, 900-1300(small conference hall, room 208)**

1. Oleynikov A. (IWEP FEB RAS, Khabarovsk) RESULTS OF TWENTY-YEAR MONITORING OF SEMI-AQUATIC PREDATORY MAMMALS IN THE DURMIN RIVER BASIN
2. Pronkevich V. (IWEP FEB RAS, Khabarovsk) KEY ORNITHOLOGICAL TERRITORIES OF THE KHABAROVSK TERRITORY
3. Kuptsova V. (IWEP FEB RAS, Khabarovsk) SPECIES LIST OF MOSSES IN THE BOLONSKY NATURE RESERVE
4. Morozova G. THE POPULATION STRUCTURE OF THE ASH-LEAVED MAPLE IN THE PLANTATIONS OF KHABAROVSK
5. Shadrina O. (IWEP FEB RAS, Khabarovsk) MICROBIOLOGICAL STUDIES IN THE PROSHALNAYA KARST CAVE, FAR EAST
6. Korobov O. (Pacific State University, Khabarovsk) FAUNA AND ECOLOGICAL AND BIOLOGICAL FEATURES OF TREMATODE LARVAE OF MOLLUSKS OF THE GENUS LYMNAEA
7. Koshkin E. (IWEP FEB RAS, Khabarovsk) GOLD MINING AS A NEGATIVE FACTOR IN THE TRANSFORMATION OF ENTOMOCOMPLEXES OF THE DURMIN RIVER BASIN (THE KHABAROVSK TERRITORY)
8. Adnagulov E.V. (IWEP FEB RAS, Khabarovsk) TO ASSESS THE CURRENT STATE OF AMPHIBIAN POPULATIONS OF THE WESTERN SPURS OF THE SMALL KHEKHTSIR RIDGE
9. Antonov A. (IWEP FEB RAS, Khabarovsk) ANTHROPOGENIC AND NATURAL CHANGES IN FISH DIVERSITY IN THE UPPER REACHES OF THE BUREYA RIVER BASIN
10. Yermolin A.(BIOSPHERE Charitable Foundation, Khabarovsk) ON THE DYNAMICS OF THE DISTRIBUTION BOUNDARIES OF WILD UNGULATES IN THE KHABAROVSK TERRITORY.
11. Motorykina T. (IWEP FEB RAS, Khabarovsk) STATE OF CENOPOPULATIONS OF TROMMSDORFFIA CILIATA (THUNB.) N.S. PAK (ASTERACEAE) IN THE PLANT COMMUNITIES OF THE USSURI RIVER VALLEY
12. Antonova L. (IWEP FEB RAS, Khabarovsk) ADVENTITIOUS SPECIES OF THE FAMILY APIACEAE IN THE FLORA OF THE KHABAROVSK TERRITORY (RUSSIAN FAR EAST)

**Poster presentations**

1. Tsyrenova D. (Pacific State University, Khabarovsk) MICROMORPHOLOGICAL CHARACTERISTICS OF RARE HYDROPHYTES OF THE AMUR REGION
2. Tsydenova B. (Institute of General and Experimental Biology SB RAS) TAXONOMIC DIVERSITY OF THE MICROBIAL COMMUNITY IN VARIOUS PARTS OF LAKE GUSINOE (BURYATIA)
3. Yermolin A., Kulbachny S.E., Kolpakov N.V. (BIOSPHERE Charitable Foundation, Khabarovsk; Khabarovsky branch of the All-Russian Scientific Research Institute of Fisheries and Oceanography, Khabarovsk; Sakhalin Branch of the All-Russian Scientific Research Institute of Fisheries and Oceanography, Yuzhno-Sakhalinsk) ON THE ISSUE OF FAUNA AND FLORA OF THE TUGURO-CHUMIKANSKY DISTRICT OF THE KHABAROVSK TERRITORY

**Section 2**

Water resources and ecosystems: status and usage

**October 5, 1430-1700 (large conference hall, room 102)**

Chairman: Yu. Zima, Ph.D. (Geography), G. Kharitonova, Dr.Sc. (Biology), V. Kim, Ph.D. (Geography)

Secretary: D. Matveenko, O. Kaminsky

1. Egidarev E., Bazarov K.Yu., Mishina N.V. (Pacific Geographical Institute FEB RAS, Vladivostok, World Wildlife Fund (WWF-Russia), Amur Branch, Vladivostok**)** ANALYSIS OF THE STRUCTURE OF LAND USE IN THE LAKE KHANKA BASIN USING REMOTE SENSING DATA
2. Zima Yu. (Institute of Natural Resources, Ecology and Cryology SB RAS, Chita) MORPHODYNAMIC TYPES OF THE ONON RIVERBED
3. Lyubitsky Yu., Vrazhkin A.N., Kharlamov P.O. (Far Eastern Regional Research Hydrometeorological Institute, Khabarovsk, Vladivostok) FORECASTING OF DANGEROUS MARINE HYDROMETEOROLOGICAL PHENOMENA FOR THE REGIONS OF DEVELOPMENT OF OIL AND GAS FIELDS ON THE SHELF OF THE SEA OF OKHOTSK
4. Kulakov V. **(**IWEP FEB RAS, Khabarovsk) INTERACTION OF FRESH AND SUBMARINE SALTY GROUNDWATER IN THE COASTAL ZONE OF THE SEA OF OKHOTSK AND THE SEA OF JAPAN
5. Tashlykova N., Afonina E.Yu. (Institute of Natural Resources, Ecology and Cryology SB RAS, Chita) THE CURRENT STATE OF THE INGODA RIVER BY PLANKTON COMMUNITIES (WITHIN THE CITY OF CHITA, TRANS-BAIKAL TERRITORY)
6. Kondratieva Lyubov Mikhailovna **(**IWEP FEB RAS, Khabarovsk) MONITORING OF POLLUTION OF NATURAL WATERS BY CHROMATOMASS SPECTROMETRY
7. Kuklin A., Tsybekmitova G.TS. (Institute of Natural Resources, Ecology and Cryology SB RAS, Chita) ARGUN RIVER BASIN: POLLUTION PROBLEMS AND BIOLOGICAL DIVERSITY
8. Chermoshentseva A., Shulyupin A.N. (Mining Institute, FEB RAS, FEB RAS, Khabarovsk) COMPARATIVE ANALYSIS OF COMPUTER PROGRAMS FOR HYDRAULIC CALCULATION OF STEAM-WATER MIXTURE PIPELINES
9. Matveenko Dmitry Vladimirovich **(**IWEP FEB RAS, Khabarovsk) THE INFLUENCE OF ECONOMIC ACTIVITY ON THE TRANSFORMATION OF MULTI-ARM SECTIONS OF THE AMUR RIVER BEDS

**October 6, 900-1300 (large conference hall, room 102)**

1. Kharitonova Galina Vladimirovna **(**IWEP FEB RAS, KhabarovskOMPOSITION AND PROPERTIES OF BOTTOM SEDIMENTS OF THE SIMMI RIVER (BOLONSKY RESERVE)
2. Bazharzhapov T. (Institute of Geographic Sciences and Natural Resources Research, CAS, Beijing, China) THE CONTENT OF HEAVY METALS IN THE WATER OF LAKE GUSINOE AND ITS TRIBUTARIES (WESTERN TRANSBAIKALIA)
3. Kim V., Kharitonova G.V., Astapov I.A., Krutikova V.O. **(**IWEP FEB RAS, Khabarovsk; ITG FEB RAS, Khabarovsk) COMPOSITION OF DEEP ROCKS OF THE TUNGUSKA UNDERGROUND WATER DEPOSIT
4. Semkin P.Yu., Tishchenko P.Ya., Charkin A.N., Pavlova G.Yu., Anisimova E.V.,

Barabanshchikov Yu. A, Tishchenko P.P. (V.I.Il’ichev Pacific Oceanological Institute FEB RAS, Vladivostok) RESPONSE OF THE ESTUARY OF THE RAZDOLNAYA RIVER (AMUR BAY, SEA OF JAPAN) TO GROUND WATER EXCHANGEIN THE "SURFACE-SUBTERRANEAN ESTUARY" SYSTEMIN THE PERIOD OF WINTER DROUGHT

1. Levshina S.I. **(**IWEP FEB RAS, Khabarovsk) PETROLEUM PRODUCTS IN THE SNOW COVER OF NATURAL AND MAN-MADE LANDSCAPES OF THE AMUR REGION
2. Makarevich K.S.1, Kaminsky O.I.1, Zaitsev A.V. **(**IWEP FEB RAS, Khabarovsk) CREATION AND RESEARCH OF NEW BIOINDIFFERENT PHOTOCATALYSTS THAT USE THE ENERGY OF SOLAR RADIATIONTO PURIFY WASTEWATER FROM POLLUTANTS
3. Povarov S.Y. **(**IWEP FEB RAS, Khabarovsk) METHODOLOGICAL PROBLEMS OF DETERMINING OIL PRODUCTS IN WATER, SOILS AND BOTTOM SEDIMENTS
4. Sinkova I.S., Shesterkin V.P. **(**IWEP FEB RAS, Khabarovsk) CONTENT OF COMPOUNDS OF MINERAL FORMS OF NITROGEN IN THE WATER OF SMALL RIVERS OF KHABAROVSK DURING WINTER LOW WATER
5. Shesterkin V.P., Shesterkina N.M. **(**IWEP FEB RAS, Khabarovsk) MINERALIZATION AND SALT COMPOSITION OF THE WATERS OF THE MIDDLE AMUR
6. Andreeva Diana Valeryevna **(**IWEP FEB RAS, Khabarovsk) BIOINDICATION OF MERCURY POLLUTION OF THE AMUR RIVER DURING THE ICE AGE
7. Garetova Lyudmila Aleksandrovna, Fischer N.K.. **(**IWEP FEB RAS, Khabarovsk) BIOGEOCHEMICAL CHARACTERISTICS OF BOTTOM SEDIMENTS OF SMALL RIVERS OF KHABAROVSK AND ITS ENVIRONS
8. Zaitsev A.V., Makarevich K.S., Kaminsky O.I.. **(**IWEP FEB RAS, Khabarovsk) PROSPECTS OF USING PHOTOCATALYSTS FOR WASTEWATER TREATMENT AT AUTOMOTIVE REPAIR PLANTS
9. Litvinenko Z.N **(**IWEP FEB RAS, Khabarovsk) PROBLEMS OF BIOFOULING DURING GROUND WATER PURIFYING PROCESSES
10. Alekseev Vladimir Sergeevich, Gray R.S. (Institute of Mining, FEB RAS, FEB RAS, Khabarovsk) THE PROGRAM FOR DETERMINING THE GOLD CONCENTRATION ZONES AT THE SLUICES OF WASHING MACHINES

**Poster presentations**

1. Klishko O.K. (Institute of Natural Resources, Ecology and Cryology SB RAS, Chita) CHANGE OF WATER ECOSYSTEMS STATE IN THE UPPER AMUR BASIN (TRANSBAIKALIA) UNDER INFLUENCE OF THE TECHNOGENESIS
2. Zamana L. (Institute of Natural Resources, Ecology and Cryology SB RAS, Chita) THE INFLUENCE OF PLACER GOLD MINING ON THE HYDROCHEMISTRY OF RIVER RUNOFF IN EASTERN TRANSBAIKALIA

**Section 3**

**Diversity and sustainability issues of landscapes**

**October 6, 1400-1700** (large conference hall, room 102)

Chairman: B. Abramov, Sc.D. (Geology and Mineralogy), Z. Mirzekhanova, Sc.D. (Geography),

Secretary: Ph.D. (Geography), K. V. Ionkin

1. Ivanov E.N. (V. B. Sochava Institute of Geography SB RAS, Irkutsk,) THE CURRENT STATE OF GLACIAL LANDSCAPES OF THE TRANSBOUNDARY MOUNTAIN TERRITORIES OF RUSSIA AND MONGOLIA
2. Abramov B.N., Tsyrenov T.G. (Institute of Natural Resources, Ecology and Cryology SB RAS, Chita) ENVIRONMENTAL IMPACT ASSESSMENT OF TECHNOGENIC FORMATIONS OF LEAD-ZINC DEPOSITS OF EASTERN TRANSBAIKALIA
3. S Dong, Q Liu, F Li, H Cheng, M Ji (Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences) RESEARCH ON THE EVALUATION OF INVESTMENT ENVIRONMENT OF RUSSIA'S KEY CITIES.
4. He Li (Northeast Institute of Geography and Agroecology of the Chinese Academy of Sciences) RESPONCES OF HOUSING PRICE UNDER DIFFERENT DIRECTIONS OF POPULATION CHANGE EVIDENCEFROM CHINA’S RUST BELT.
5. H Ye, Y Li, Z Li , N Zhang and X Leng (Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences) RESEARCH ON URBANIZATION IN THE BEIJING-TIANJIN-HEBEI URBAN AGGLOMERATION IN CHINA BASED ON LONG-TERM NIGHTTIME LIGHT DATA (2000–2018).
6. Y Zhuang, S Dong, Q Liu, S Xu, H Zhang, F Li (Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences) DYNAMIC EVOLUTION AND SPATIAL DIFFERENTIATION OF THE ALLOCATION EFFICIENCY OF SCIENTIFIC AND TECHNOLOGICAL RESOURCE IN THE COUNTRIES ALONG THE “BELT AND ROAD”
7. Jingwen Li1, Suocheng Dong1 and Yu Li1 (Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences) COMPARATIVE STUDY ON WINDBREAK EFFECTS OF TWO DIFFERENT CONFIGURATION SHELTERBELTS
8. Sh Xu，2, Y Gao, F Li, H Cheng (Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences) SPATIAL DISTINCTION ANALYSIS ON MARINE RANCH DEVELOPMENT POTENTIAL IN COASTAL AREAS OF CHINA
9. Shi Muqing (Hokkaido University) ESTIMATION OF FRESHWATER DISCHARGE FROM THE KAMCHATKA PENINSULA TO ITS SURROUNDING OCEANS.
10. Boldanov Tamir (Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences) “STEPPE ROAD” ROLE IN MODERN RUSSIAN-CHINESE-MONGOLIAN COOPERATION
11. Mayorova Lyubov Alekseevna, Varchenko L.I.. (Pacific Geographical Institute FEB RAS, Vladivostok) ECOLOGICAL TOURISM ON THE ISLANDS OF PETER THE GREAT BAY (SEA OF JAPAN)
12. Makhinov Alexey Nikolaevich, V.I. Kim, Ya.Yu. Dugaeva (IWEP FEB RAS, Khabarovsk)

FEATURES OF MAJOR FLOODS OF THE AMUR RIVER DURING PERIODS OF HIGH AND LOW WATER CONTENT

**October 7, 9.00-13.00 (large conference hall, room 102)**

Chairman: B. Abramov, Sc.D. (Geology and Mineralogy), Z. Mirzekhanova, Sc.D. (Geography),

Secretary: Ph.D. (Geography), K. V. Ionkin

1. Bragin A. N. (Pacific State University, Khabarovsk,) PERMAFROST OF THE LOWER AMUR REGION: STATE, DISTRIBUTION, MODERN AND RELICT CRYOGENIC LANDFORMS
2. Vahnina I. (Institute of Natural Resources, Ecology and Cryology SB RAS, Chita) DYNAMICS OF RADIAL GROWTH OF PINE AND LARCH OF THE AMUR-ZEYA PLAIN UNDER THE INFLUENCE OF LEADING CLIMATIC FACTORS
3. Makarevich R. A. (Pacific Geographical Institute FEB RAS, Vladivostok) DISTRIBUTION OF HUMUS IN THE MAIN ROOT-INHABITED LAYER OF ARABLE SOILS IN THE KHOROLSKY AND SPASSKY DISTRICTS OF PRIMORSKY KRAI
4. Martynov A.V. (Institute of Geology and Nature Management FEB RAS, Blagoveshchensk) CONTENT OF URANIUM IN CHRONOSEQUENCE OF ALLUVIAL SOILS

IN THE MIDDLE REACHES OF THE AMUR RIVER

1. Grigorieva E. A. (Institute for Complex Analysis of Regional Problems FEB RAS, Birobidzhan) SOCIAL VULNERABILITY OF CITIES IN THE SOUTH OF THE RUSSIAN FAR EAST TO NATURAL HAZARDS
2. Mirzekhanova Z. G., Klimina E.M. (IWEP FEB RAS, Khabarovsk) PRESERVATION OF LANDSCAPE DIVERSITY AS A REGIONAL INDICATOR OF THE EFFECTIVENESS OF ENVIRONMENTAL POLICY: SIGNIFICANCE AND APPLICATION PROBLEMS
3. Mishina N. (Pacific Geographical Institute FEB RAS, Vladivostok) LAND USE AND LAND COVER CHANGES OF THE TRANSBOUNDARY KHANKA LAKE BASIN DURING LAST 120 YEARS
4. Myadzelets A. (V.B. Sochava Institute of Geography SB RAS, Irkutsk) MAPPING OF PYROGENIC DYNAMICS OF FOREST GEOSYSTEMS OF THE NORTHEASTERN COAST OF LAKE BAIKAL
5. Noskova E., Vahnina I. (Institute of Natural Resources, Ecology and Cryology SB RAS, Chita Siberian Federal University, Krasnoyarsk) THE DURATION OF THE GROWING SEASON (WITH STABLE AIR TEMPERATURES ABOVE 5 AND 10 ° C) IN EASTERN TRANSBAIKALIA
6. Zubareva A., Zubarev V.( Institute of Complex Analysis of Regional Problems FEB RAS, Birobidzhan) ASSESSMENT OF THE NATURAL PYROLOGICAL CONDITIONS OF THE RECLAIMED TERRITORIES OF THE JEWISH AUTONOMOUS REGION
7. Klimin M. (IWEP FEB RAS, Khabarovsk) REFLECTION OF CLIMATE FLUCTUATIONS AT THE PLEISTOCENE-HOLOCENE BOUNDARY IN THE PIGMENT PROFILE OF PEAT DEPOSITS
8. Romanova D. (IWEP FEB RAS, Khabarovsk) THE INFLUENCE OF NATURAL AND ANTHROPOGENIC FACTORS ON THE CHANGE IN THE TIMING OF ICE PHENOMENA ON THE AMUR RIVER

**October 7, 1400-1600(large conference hall, room 102)**

1. Roslikova Valentina Ivanovna, T.I. Matveenko (IWEP FEB RAS, Khabarovsk, Pacific State University, Khabarovsk) SOILS OF PARK ZONES "DYNAMO", "HOUSE OF FLEET OFFICERS" OF KHABAROVSK AND THEIR ECOLOGICAL STATE
2. Lira Alekseevna Matyushkina (IWEP FEB RAS, Khabarovsk) NATURAL AND ANTHROPOGENIC DIVERSITY OF SOILS OF THE SOUTHWESTERN PART OF THE MIDDLE AMUR LOWLAND AND THEIR RATIONAL USE
3. Vera Dmitrievna Paushkina (IWEP FEB RAS, Khabarovsk) DYNAMICS OF TRANSFORMATION OF THE AMUR RIVERBED WITHIN THE KHABAROVSK WATER TRANSPORT HUB

**Section 4**

Scientific foundations of nature protection and optimization of specially protected natural areas

**October 6, 1400-1700(small conference hall, room 208)**

Chairman: Z. Tyugai, PhD (Biology), Zh. Atutova, PhD (Geography)

Secretary: O. Kaminsky

1. Atutova Zh., Li Zehong (V.B. Sochava Institute of Geography SB RAS, Irkutsk, Institute of Geographical Sciences and Natural Resources CAS, Beijing, China) ECOLOGICAL CONDITIONS OF FUNCTIONING OF LANDSCAPES OF THE BAIKAL NATIONAL PARK: HISTORICAL ASPECT
2. Myadzelets A. (V.B. Sochava Institute of Geography SB RAS, Irkutsk) ASSESSMENT OF RECREATIONAL AND GEOMORPHOLOGICAL POTENTIAL FOR THE DEVELOPMENT OF ECOLOGICAL TOURISM IN THE NATIONAL PARKS OF THE BAIKAL NATURAL TERRITORY
3. Kryukova Maria Viktorovna (IWEP FEB RAS, Khabarovsk) FOREST MANAGEMENT IN THE KHABAROVSK TERRITORY: ENVIRONMENTAL RISKS AND SOLUTIONS
4. Pomazkova N. (Institute of Natural Resources, Ecology and Cryology) COMPENSATORY MECHANISM FOR SOLVING ENVIRONMENTAL CONFLICTS IN THE DEVELOPMENT OF THE UDOKAN COPPER DEPOSIT
5. Tyugai Z. (Lomonosov Moscow State University, Moscow) ORGANIC MATTER AND GRANULOMETRIC COMPOSITION OF CHERNOZEM AGGREGATES OF ARABLE LAND AND FOREST BELTS
6. Schlotgauer Svetlana Dmitrievna (IWEP FEB RAS, Khabarovsk) THE SPECIFICS OF THE BIODIVERSITY OF THE VEGETATION COVER OF THE PROJECTED INTEGRATED NATURE RESERVE "UCHURSKY" (AYANO-MAYSKY DISTRICT)
7. Gafarov Yu., Egidarev E.G., Knizhnikov A.Yu. (WWF-Russia) PROBLEMS OF THE IMPACT OF PLACER GOLD MINING ON FRESHWATER ECOSYSTEMS AND POSSIBLE SOLUTIONS
8. Orlov A., Chakov V.V., Gromyko O.S. (FFA, Khabarovsk; IWEP FEB RAS, Khabarovsk) THE IMPACT OF CHANGES IN FOREST LEGISLATION ON THE CORPORATE ACCOUNTING OF WOOD EXPORTING ENTERPRISES
9. Kopoteva Tatiana Andreevna (IWEP FEB RAS, Khabarovsk) RESISTANCE OF PEAT BOG PHYTOCENOSES TO PYROGENIC FACTOR

**Section 5**

**Sustainable urban development**

**October 7, 1400-1600(large conference hall, room 102)**

Chairman: N. Antonova, Dr.Sc. (Economics)

Secretary: I. Sinkova

1. Koshelkov A. (Mining Institute FEB RAS, Khabarovsk) ASSESSMENT OF BENZOPYRENE CONTAMINATION IN SOILS OF KHABAROVSK
2. Narbut N.A. (IWEP FEB RAS, Khabarovsk) CITIES OF THE REGIONS OF NEW DEVELOPMENT:FEATURES OF THE FORMATION OF SUSTAINABLE DEVELOPMENT
3. Klimina Elena Mikhailovna (IWEP FEB RAS, Khabarovsk) MUNICIPAL DISTRICTS IN THE LANDSCAPE-ECOLOGICAL ZONING SYSTEM OF NORTHERN SIKHOTE-ALIN
4. Pasichnikov V. (IWEP FEB RAS, Khabarovsk) PROBLEMS OF DEVELOPMENT OF THE CONSTRUCTION AND DEMOLITION WASTE RECYCLING INDUSTRY IN THE KHABAROVSK TERRITORY
5. Morozova G. Yu., Debelaya I.D. (IWEP FEB RAS, Khabarovsk) MEANING OF PROTECTED AREAS IN ECOLOGICALY SUSTAINABLE CITY DEVELOPMENT

Sections schedule

|  |  |  |  |
| --- | --- | --- | --- |
| DATE | TIME | SECTION | VENUE |
| October 5 | 9.00-13.15 | Plenary session | Great Hall, room 102 |
| 14.30-17.00 | Section 1 | Small hall, room 208 |
| Section 2 | Great Hall, room 102 |
| October 6 | 9.00-13.00 | Section 1 | Small hall, room 208 |
| Section 2 | Great Hall, room 102 |
| 14.00-17.00 | Section 3 | Great Hall, room 102 |
| Section 4 | Small hall, room 208 |
| October 7 | 9.00-13.00 | Section 3 | Great Hall, room 102 |
| 14.00-16.00 | Section 3, Section 5 | Great Hall, room 102 |
| 16.00-16.30 | Summing up the results | Great Hall, room 102 |