**“Siberia in a global context”.**

**Programme**

**OCTOBER 1th, Tuesday**

**WORKSHOP OPENING AND PLENARY SESSION**

Venue - Room 225, TSU main building (Archeology and Ethnography Museum)

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| OPENING |
| **14:00 - 16:00** | ***Moderator:*** **Luidmila Borilo,** TSSW TSU Research Centre**,** executive director; SecNet Network, executive director **Welcome address**: *Sergey Kulizhskiy*, vice rector for social services, Tomsk State University  *Yulia Luneva*, director “OBLCOMPRIRODA” agency *Luidmila Borilo,* TSSW TSU Research Centre**,** executive director; SecNet Network, executive director **Meeting opens**“Siberian Environmental Change Network: first results and perspectives”. Professor *Terry V. Callaghan*, INTERACT, SecNet, Sheffield, TSU /*Olga Shaduyko*, Tomsk State University, SecNet coordinator**Introduction of Participants***Sergey Kirpotin,* professor, Research Centre “BioClimLand”, Tomsk State University |
| **16:00** - **16:10** | GROUP PHOTO |
| **16:10 - 16:30**  | HEALTH BREAK |
| **PANEL DISCUSSION “SUSTAINABLE DEVELOPMENT ……”** |
| **16:30 - 18:00** | ***Moderator:*** **Sergey Kirpotin***,* professor, Research Centre “BioClimLand”, Tomsk State University**Plenary Lecture** **«Sustaining Siberia and its Peoples. Playing field”***Terry V. Callaghan*, INTERACT, SecNet, Sheffield,UK**Discussion on Issues of Sustainable Development.**  |
| **18:00 - 19:30** STAND-UP MEAL, ICE BREAKING |

**OCTOBER 2nd, WEDNESDAY**

 **LIFE-SUPPORT Issues – ENVIRONMENT and ECOLOGY: LOCAL PROBLEMS of GLOBAL IMPORTANCE**

Venue – room 209 TSU MAIN BUILDING (Meeting room)

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| **«Challenge» I: - EXTREME EVENTS** |
| **09:00 - 11:00** | ***Moderator:*** **Pavel Borodavko**, senior researcher, Institute of Monitoring of Climatic and Ecology Systems SB RAS, Tomsk, Russia **Plenary Lecture** «FOREST FIRES: extreme event or predictable development?». *Anatoly Prokushkin ,*head of lad., Forest Institute SB RAS, Krasnoyarsk, Russia (30 min) «THE ATMOSPHERE is ONE at ALL: issues of space monitoring of forest fires». *Andrey Romanov,* deputy director, Institute of Water and Ecology problems, SB RAS, Barnaul, Russia (15 min)Institute of Atmospheric Optics SB RAS, Tomsk, Russia (15 min)TSU radio-physics (15 min)**Questions, discussion** |
| **11:00 - 11:30**  | HEALTH BREAK |
| **«Challenge» I - EXTREME EVENTS (continuation)** |
| **11:30 - 13:00** | ***Moderator:*** **Sergey Kopysov,** senior researcher,Tomsk State University,Tomsk, Russia **Plenary Lecture** «FLOODS and DROUGHTS» *Valeriy Zemtsov, professor,* Tomsk State University, Tomsk, Russia (30 min)«VIRTUAL research environment CLIMATE in applied problems of climatology". *Igor Okladnikov*, s.r./ *Evegeniy Gordov,* professor, Institute of Monitoring of Climatic and Ecology Systems SB RAS, Tomsk Russia(15 min)«GEOCHAT – social network for scientists with GPS-monitoring options» *Anna Sozinoova Анна*, JSC i-Link, Tomsk Russia (15 min)«Technological complex «AEROSHUP» for estimating and eliminating of the [technological accidents](https://www.multitran.com/m.exe?s=technological%20emergency&l1=1&l2=2)». *Andrey Trifonov* **/** *Danil Vorobiev*, Tomsk State University, Tomsk, Russia (15 min)**Questions, discussion**  |
| **13:00-14:00**  | LUNCH  |
| **«Challenge» II - MELTING of PERMAFROST and GLACIERS**  |
| **14.00 - 16:00** | ***Moderators:*** **Gennady Nosenko,** senior researcher, Institute of Geography RAS, Moscow /**Dmitriy Vershihin,** Tomsk State UniversityTomsk«RE-ESTABLISHING of the Glaciological Monitoring in Referenced Altay Mountains Glaciers». *Alexander Erofeew* Tomsk State UniversityTomsk, Russia (15 min) «ALTAY GLACIERS DINAMIC, 5 years of meteorological monitoring».*Natalia Kharlamova,* Altay State University, Barnaul/ Institute of Monitoring of Climatic and Ecology Systems, SB RAS, Tomsk, Russia(15 min)«RESEARCH MANAGEMENT in the Polar Ural region». *Anton Sinitskiy* Arctic Research Centre, Salekhard, Russia (15 min) «GLACIERS of POLAR URAL in modern climate conditions». *Gennadiy Nosenko,* Institute of Geography RAS, Moscow, Russia(15 min)«CLIMATOGENIC transformation of nival-glacial and cryogenic systems of the Big Altai». *Pavel Borodavko* Institute of Monitoring of Climatic and Ecology Systems, SB RAS, Tomsk, Russia**Questions, discussion** (joint program for study and monitoring the glaciers G.Nosenko, A.Sinitskiy, A.Erofeew, P. Borodavko, N.Kharlamova)  |
| **16:00 - 16:30**  | HEALTH BREAK |
| **«Challenge» III - CONSERVATION and PRESERVATION of NATURAL HERITAGE** |
| **16:30 – 18:00** | ***Moderator:*** **Anatoly Prokushkin**, Forest Institute SB RAS, Krasnoyarsk, Russia /Larissa Kolesnichenko, Tomsk State University, Tomsk, Russia «CONSERVATION as a factor of sustainable development of territory and society. Protected areas». *Natalia Semenova,* Tomsk State University, Tomsk, Russia«GLOBAL Biodiversity Information Facility (GBIF), digitalization and data mobilization in Northern part of West Siberia». *Elena Lapshina,* Yugra State Univeristy, Khanty – Mansiisk, Russia «ALTAY GEOPARK and biodiversity conservation issues». *Nina Kocheeva,* Gorno – Altaisk State University, Russia «ECOLOGICAL MONITORING on the Yamal territory: results and prospects». *Aleksandr Krasnenko* Arctic Research Centre, Salekhard, Russia **Questions, discussion.**  |
| **18:00 - 19:30** DINNER |

**OCTOBER 3d, Thursday**

**SOCIAL COMMUNITIES in RAPIDLY CHANGING TIMES**

Room 209 TSU mail building

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| DISCUSSION ON the NETWORK STRATEGY, SCIENTIFIC AGENDA and NETWORK ACTIVITY |
| **09:00-10:00** | ***Moderator:*** **Elena Lapshina**, Yugra State Univeristy, Khanty – Mansiisk, Russia/ **Andrey Romanov**, Institute of Water and Ecology problems, SB RAS, Barnaul, Russia Strategic Development TasksMain research areas and programs - glacier observation program, coherent ecosystems study program (by special order of the Yamal-Nenets Autonomous Okrug, others)Network “Mega Project (s)” Network Publishing ActivitiesA new generation of scientists Network participation in scientific and public events (all-Russian, international..)Civil scienceOther issues |
| **«Challenge» IV - HEALTH AND WELL-BEING of the LOCAL AND INDIGENOUS POPULATIONS and PRESERVING THE CULTURAL HERITAGE**  |
|  **10:00 – 11:00** | ***Moderator:*** **Roosa Rytkönen**, University of Manchester, UK**Tatiana Kolesnikova,** Tomsk State University, Tomsk, Russia«CLINF project**»** *Birgitta Evengard*, Umea University, Sweden«CITIZEN SCIENCE in the Arctic: opportunities and challenges».*Cornelya Klutsch,*Norwegian Institute of Bioeconomics Research, NIBIO Svanhovd Research Station, Norway«PRACTICES of life-supporting and health saving in the regions of Siberia: prospects and problems of scientific coverage». *Svetlana Tyulyupo,* Tomsk State University/ *Bayarma Dashieva*, Medical Research Centre, Tomsk **/** *Kirill Istomin* Komi Science Centre, RAS, Syktyvkar,Russia«GPS NAVIGATION Technologies, Wayfinding and Emotional Control among Reindeer Herders of Western Siberia».*Kirill Istomin* Komi Science Centre, RAS, Syktyvkar,Russia**Questions, discussions.** |
| **11:00-11:30** | HEALTH BREAK |
| **«Challenge» IV - HEALTH AND WELL-BEING of the LOCAL AND INDIGENOUS POPULATION and PRESERVING THE CULTURAL HERITAGE** (continuation) |
| **11:30 – 13:00** | ***Moderator:*** **Birgitta Evengard,** Umea University, Sweden **Cornelya Klutsch,** NIBIO, Norway«WORLD MENTAL Psychiatric organization» *Nikolay Kornetov,* Siberian State University, Tomsk Russia «RYTHMS and ETHICS of interdisciplinary research: reflections on synchronization practices in a route expedition». *Lidia Rakhamanova,* Tomsk State University, High School of Economics, Saint-Petersburg, Russia(SKYPE)«TRADITIONAL ECOLOGICAL KNOWLEDGE of indigenous people as a means for effective use of natural resources». *Ksenia Nikitchuk,* Tomsk State University, Tomsk Russia  Cultural association of indigenous minorities KOLTA-KUP , Tomsk Region «DOING SCIENCE together: involvement of local communities in the research, Gydan tundra, Yamal peninsula». *Andrey Lobanov Research Institute of Rehabilitation and Balneology, Moscow* / *Olga Shaduyko,* Tomsk State University, Tomsk, Russia «STUDYING knowledge production on ecological futures anthropologically: earth sciences in Siberia». *Roosa Rytkönen*, University of Manchester*,* UK**Questions , discussion.**  |
| **13:00 - 14:00**  | LUNCH  |
| **«Challenge» V – SUSTAINABLE DEVELOPMENT in the CONDITIONS CLIMATE CHANGE: socio-economic aspects**  |
| **14:00 – 16:00** | ***Moderator:*** **Alexander Adam,** Tomsk State University, Tomsk Russia **Ekaterina Vinokurova**, Tomsk State University, Tomsk Russia Speakers:Alexander Adam, Tomsk State University, Tomsk RussiaAndrey Babnko, Tomsk State University, Tomsk RussiaOBLKOMPRIRODA representativeGakina Mershina, Federal Water Agency, Tomsk Branch**Questions, discussions.**  |
| **16:00 - 16:30**  | HEALTH BREAK |
| **Summary and Conclusion** |
| **16:30 – 18:00** | ***Moderator:*** **Terry V.Callaghan,** Sheffield University, UK **Ekaterina Vinokurova**, Tomsk State University, Russia Speakers:Alexander Adam, Tomsk State University, Tomsk, RussiaSergey Kirpotin, Tomsk State University, Tomsk , RussiaBirgitta Evengard, Umea University, Sweden Gennadiy Nosenko, Institute of Geography RAS, Moscow, RussiaElena Laphina, Yugra State University, Tomsk, Russia |
| **18:00 - 20:00** DINNER |

**OCTOBER 4th and 5th**

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| **Field trip to the TSU “Kajbasovo” Research Station, departure at 11.00 from the Forum Hotel**  |