**Tomsk State University**

**Institute of Biology, Ecology, Soil Science, Agriculture and Forestry (Biological Institute)**

**International Master’s Degree in Biodiversity (in English)**

**Online Winter School**

**The issues of Biodiversity:**

**Profound Effects for Our World**

**January, 24-29, 2022 ZOOM**

**Language: English**

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| **Date** | **Time**  (Tomsk zone) | **Persons** | **Title** |
| Monday January, 24 | 18.00-18.15 | **Danil S.Vorobiev**  DrSc, Director of the Biological Institute, Head of the Scientific and Production Laboratory of Engineering Surveys and Environmental Management Technologies, Founder of the scientific and technological school of integrated purification of water bodies from oil and petroleum products "Aeroshchup”,TSU  **assoc. prof.**  **Irina I.Volkova,** Cand. Sc. (Biology), Head and Scientific coordinator of the MSc program in Biodiversity, Department of Botany, Biological Institute, TSU | **Greeting,**  **Videos about Tomsk State University and**  **International Master’s program in Biodiversity** |
| 18.15-18.55 | **assoc. prof. Roberto Cazzolla Gatti** Ph.D., Associate Professor of Biological Diversity and Conservation at the Department of Biological, Geological and Environmental Sciences (BiGeA) and member of the BIOME - Biodiversity and Macroecology Lab of the Alma Mater Studiorum - University of Bologna, Italy, Visiting Associate Professor of Ecology and Biodiversity at the Biological Institute, TSU, Russia | **Why Biodiversity Matters** |
| 19.00-19.40 | **assoc. prof. Roberto Cazzolla Gatti** | **The Evolution of Biodiversity** |
| 19.45-20.25 | **Nina** **V. Filippova** Cand. Sc. (Biology), senior researcher, Environmental Dynamics and global Climate Change (UNESCO chair), Yugra State University | **Open Biodiversity Data, citizen science and GBIF activities in Russia** |
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| Tuesday January, 25 | 15.00-15.40 | **prof. Andrey S.Babenko**  DrSc, Biological Institute, Head of the Department of Agricultural Biology, TSU | **Economic Value of Biodiversity** |  |
| 15.40-16.20 | **assoc. prof. Roberto Cazzolla Gatti** | **Conservation of Biodiversity in Different Ecosystems** |
| 16.20-17.00 | **prof. Andrey S.Babenko**  DrSc, Biological Institute, Head of the Department of Agricultural Biology, TSU | **Biodiversity Management: Hunting and Fishing** |  |
| Wednesday January 26 | 18.00-18.40 | **prof.** [**Terry V. Callaghan**](https://www.sheffield.ac.uk/aps/staff-and-students/acadstaff/callaghan)  Nobel Laureate, Professor of Arctic Ecology, Director of Centre for Arctic Ecology, University of Sheffield, UK Professor of Botany, TSU, PM, CMG, B.Sc., Ph.D., fil. Dr (Hon. Lund), Ph.D. (Hon. Oulu), Ph.D. (Hon. Tomsk), D.Sc. | **The Changing Arctic** |  |
| 18.40-19.20 | **assoc. prof Yulia** **A.** **Frank** Cand. Sc. (Biology), Head of the laboratory of "Industrial Microbiology, Department of Ichthyology and Hydrobiology, Biological Institute, TSU | **Microplastics: Sources, Distribution and Impacts in Water Ecosystems** |  |
| 19.25-20.05 | **assoc. prof.**  **Irina I.Volkova,** Cand. Sc. (Biology), Head and Scientific coordinator of the MSc program in Biodiversity, Department of Botany, Biological Institute, TSU  **assoc. prof. Igor V. Volkov**  Cand. Sc. (Biology), Department of Botany, Biological Institute, TSU | **Life at the Margin: Biodiversity Adaptaions to Extreme Environments** |
| Thursday January 27 | 13.00-13.40 | **assoc. prof.**  **Irina I.Volkova,** Cand. Sc. (Biology), Head and Scientific coordinator of the MSc program in Biodiversity, Department of Botany, Biological Institute TSU | **Landscape Ecology and Mire Science at the Tomsk State University** |  |
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| 13.40-14.20 | **assoc. prof.**  **Margarita N.Shurupova** Cand. Sc. (Biology), Department of Botany, Biological Institute, TSU | **Invisible Living Basis of Ecosystems** |  |
| 14.25-15.05 | **prof. Marina V. Olonova** DrSc, senior research scientist, Biological Institute, Department of Ecology, Nature Management and Environmental Engineering,TSU | **Ecological Niche Modelling** |
| Friday  January 28 | 18.00-18.40 | **assoc. prof.**  **Irina I.Volkova,** Cand. Sc. (Biology), Head and Scientific coordinator of the MSc program in Biodiversity, Department of Botany, Biological Institute, TSU | **Human Survival: Global Problems of the Changing World** |  |
| 18.40-19.20 | **assoc. prof Ruslan A. Baghirov**  Cand. Sc. (Biology), Department of Invertebrate Zoology, Biological Institute, TSU | **Insects are the Masters of the Planet** |
| 19.25-20.05 | **assoc. prof Igor G. Korobitsyn** Cand. Sc. (Biology), Department of Vertebrate Zoology and Ecology, Biological Institute, TSU | **Vertebrates: How Can We Study Them?** |
| Saturday  January 29 | 13.00 – 13.30 | **Asia G. Boltovskaya** Winter School Manager,Master’s student in Biodiversity, the head of students’ EcoClub, Biological Institute, TSU | **Videos about international students of BI. Environmental volunteering in TSU** |  |
| 13.30-14.10 | **Manfredo Alejandro Turcios-Casco** MSc in Biodiversity (Biological Institute, TSU), coordinator of wildlife department in central Honduras at Conservation Forestry Institution (ICF) | **A bat’s tale: A Honduran experience of studying biodiversity in TSU** |
| 14.10-14.30 | **Asia G. Boltovskaya** Winter School Manager,Master’s student in Biodiversity, the head of students’ EcoClub, Biological Institute, TSU | **Reflection after the study & presentation of certificates** |
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**Contacts**

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*We look forward to your active participation!*