



Preface

The First International Interdisciplinary Scientific and Practical Conference Man in the Arctic (IIRPCMIA 2021) was successfully held during November 17th to 19th, 2021 in Saint Petersburg Mining University (Petersbourg, Russia). The conference is an international forum for scientists, engineers, and practitioners to present their latest research results and inspirations in all areas of Arctic research.

The purpose of the conference is to foster international networking and partnerships in interdisciplinary research and to provide researchers from Russia and other countries with a venue for sharing information and experience regarding the elaboration of an integrated interdisciplinary approach to solving problems associated with Arctic exploration and development.

The scope of the conference covered all areas of Arctic research, including: History of Arctic exploration and development, Infrastructural support for the Arctic, Sustainable development of the Arctic regions, Economic and industrial systems in the Arctic: changes in management approaches in the context of the emerging green economy, Tourism development in the Arctic, Arctic development and climate policy, Indigenous peoples of the Arctic, Human capital in the Arctic, Innovative technologies for developing Arctic resources, Mining in the Arctic, Geology, tectonics, and geodynamics in the Arctic, Development of the energy sector in the Arctic, Occupational and environmental safety issues in the Arctic, Digital technologies in the Arctic, Issues associated with mine surveying, geodetic surveying, geomechanics, cadastre, and construction in the Arctic

The conference brought together 175 participants, primarily from Russia, but also from France, Serbia and Kazakhstan.

After a rigorous selection process, the Organizing Committee decided to publish 42 papers in the E3S Web of Conferences, an open-access proceeding in environment, energy, and earth sciences.

We would like to thank all the participants in the First International Interdisciplinary Scientific and Practical Conference Man in the Arctic. We would also like to thank the Organizing Committee and all the Committee members, for the work they put in to organize this event. Finally, our special thanks go to the Earth and Environmental Science, for the endeavor of all its colleagues in publishing this paper volume. We deeply appreciate their efforts in making the conference successful.

The Committee of IIRPCMIA 2021.

ORGANIZING COMMITTEE

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