

Uspekhi Forum on climate change and global energy issues

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We are pleased to announce the 2021 Uspekhi Forum



JOINT SCIENTIFIC SESSION OF DIVISION OF PHYSICAL SCIENCES, DIVISION OF CHEMICAL SCIENCES, DIVISION OF EARTH SCIENCES AND DIVISION OF ENERGETICS, MACHINERY, MECHANICAL ENGINEERING AND CONTROL PROCESSES OF THE RUSSIAN ACADEMY OF SCIENCES

Uspekhi Forum on Climate Change and Global Energy Issues

Tuesday, January 19, 2021, 8:00 pm (GMT+3)
www.uspekhiforum2021.org



Alexander Sergeev
(Russia, Co-chair)
President of the Russian Academy of Sciences

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[Registration](#)



Toshiki Tajima
(USA, Co-chair)
Norman Rostoker Chair Professor,
University of California, Irvine

This important event which will include several international scientists who have been spearheading research on climate change and/or its associated energy issues and possible solutions. Our Forum is a three-hour meeting at the Russian Academy of Sciences in Moscow on January 19, 2021 at 8:00 pm. This meeting will include 10 talks.

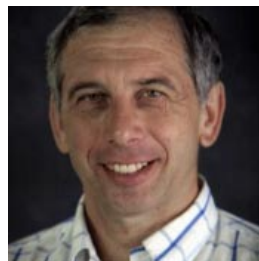
Key speakers of the conference:



Stepan Kalmykov

(Russia, Acting Dean of the Chemistry Department,
Moscow State University)

«Novel strategy for nuclear energy generation»



Igor Semiletov

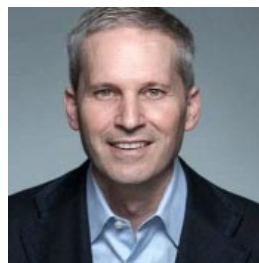
(Russia, Head of the Arctic Research Laboratory,
Pacific Oceanological Institute,
Far Eastern Branch of the Russian Academy of Sciences)

«Coupling between climate change and permafrost thawing in the Arctic
land-shelf system: current understanding and grand challenges»



Zinfer Ismagilov

(Russia, Scientific Director, Federal Research Center for Coal
and Coal Chemistry, Siberian Branch of the Russian Academy
of Sciences) «Local and Global Climate change impact of coal mining,
storage, transportation, processing and power generation»



Michl Binderbauer

(USA, Tri Alpha Enterprises, CEO)

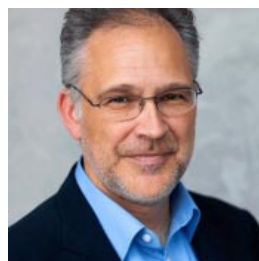
«Fusion Energy Solutions»



Philippe Drobinski

(France, Research Director, Ecole Polytechnique of France)

«Integrating climate variability and change
in renewable energy planning»



Allen Weeks

(Belgium, Director General, The Extreme Light Infrastructure)

«Sustainable Research and Operations at the Extreme Light
Infrastructure: Meeting the Challenges of the 21st Century
at Europe's Large-scale Laser Facility»



Eric Rignot

(USA, Donald Bren Professor, Earth System Science,
University of California, Irvine)

«Impact of global warming on sea level and solutions»



Katherine Mackey

(USA, Assistant Professor of Earth System Science,
University of California, Irvine)

«Our Changing Oceans: Exploring causes,
consequences, and solutions»



Ning Li

(USA, Managing Director, Transform Insight Partners)

«New Paradigm for Civilian Nuclear Energy —
Perspectives from Energy Hierarchy and Fundamental Safety»

The reviews and papers based on the talks to be given at the Forum
“USPEKHI-2021” will be published in one of the issues of the journal
“Uspekhi fizicheskikh nauk”(“Physics–Uspekhi”)