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You have submitted the following Session Proposal to the AGU Fall Meeting 2020.

Environmental, socio-economic and climatic changes in Northern Eurasia

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Session Title:

Environmental, socio-economic and climatic changes in Northern Eurasia

Session Description:

We invite presentations on the biogeochemical cycles, the surface energy budget and water cycle, and climate and ecosystem interactions in Northern Eurasia (land-cover/land-use change, atmospheric aerosols, soil, and permafrost changes that affect and are being affected by climate and ecosystem change), “human dimension”, and tools to address the Northern Eurasia studies.

Our Session foci are on the permafrost changes in Siberia and Asian Mountains, on the carbon cycle of Northern Eurasia, on assessments of impact of the ongoing environmental changes on the human well-being and on mitigation strategies development in response to harmful consequences of these changes.

The particular foci of this Session will be the studies of changes that impacts regional sustainable development in Eurasian Arctic and the Drylands of Northern Eurasia.

We invite also early career scientists associated with (or interested in) the Northern Eurasia Earth Science Partnership Initiative and its continuation, Northern Eurasia Future Initiative (<http://nefi-neespi.org/NEFI-WhitePaper.pdf>).

Primary Section/Focus Group:

Global Environmental Change

Live Stream/On-Demand?:

No

Alternate Session Format:

No.

Index Terms:

1621 Cryospheric change [GLOBAL CHANGE]

1622 Earth system modeling [GLOBAL CHANGE]

1631 Land/atmosphere interactions [GLOBAL CHANGE]

1637 Regional climate change [GLOBAL CHANGE]

Cross-Listing(s):

Yes

A - Atmospheric Sciences

B - Biogeosciences

C - Cryosphere

H - Hydrology

Co-Sponsor(s):

No

Co-Organized:

No

Primary Convener

Pavel Groisman

Primary Email: groismanp@bellsouth.net

Affiliation(s):

**North Carolina State University Raleigh
Raleigh NC 27695 (United States)**

**Shirshov Institute of Oceanology
Moscow (Russia)**

Convener

Dmitry A Streletskiy

Primary Email: strelets@gwu.edu

Affiliation(s):

**George Washington University
Washington DC (United States)**

Convener

Shamil S Maksyutov

Primary Email: shamil@nies.go.jp

Affiliation(s):

**NIES
Tsukuba 305-8506 (Japan)**

Convener

Evgeny P Gordov

Primary Email: gordov@scert.ru

Affiliation(s):

**SCERT
IMCES SB RAS
Tomsk 634055 (Russia)**

Primary Liaison