

# The 33<sup>rd</sup> International Geographical Congress

Beijing, China, 21-25 August 2016

## Session: "Environmental, Socio-economic and Climatic Changes in Northern Eurasia and their Feedbacks to the Global Earth System"

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 dimensions', and tools to address the Northern Eurasia studies.

In environmental studies, our Session foci are on the carbon cycle of Northern Eurasia and on the permafrost changes in Siberia, Asian Mountains, and the Arctic coastal regions.

In the regional water cycle studies, our Session foci are on the changing distribution of precipitation intensity, frequency, especially, in the cold/shoulder season transition periods when surface air temperature is close to 0°C, and on the pattern and seasonal cycle changes of runoff.

The particular foci of this Session will be the studies of changes that impacts regional sustainable development, environment-health and social welfare in the Arctic and in the Dry Latitudinal Belt of Northern Eurasia that expands through the continent from Hungarian Steppes in the west to the dryland plateaus of the Northeast China in the east.

We also invite early career scientists associated with (or interested in) the international and national activities currently organized by the Earth Science Community and are focused on Northern Eurasia.

### Conveners:

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