

## Northern Eurasia Future Initiative (NEFI), Update

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NEFI was conceived in 2015 as a successor of the Northern Eurasia Earth Science Partnership Initiative (NEESPI; <http://neespi.org>). In 2016, a NEFI White Paper was posted at <http://nefi-neespi.org/>. This White Paper was converted and expanded into two peer-reviewed programmatic NEFI Science Plan papers (Monier et al. 2017; Groisman et al. 2017). Being focused on the same region, the difference between two Initiatives stems from their major Science Questions: (1) NEESPI: How do Northern Eurasia's terrestrial ecosystems dynamics interact with and alter the biosphere, atmosphere, cryosphere, and hydrosphere of the Earth? (2) NEFI: How to provide in Northern Eurasia a sustainable societal development (economy well-being, activities, health, and strategic planning) in changing climate, ecosystems, and societies? In other words, while NEESPI foci were on understanding of the processes that have and will be occurred over Northern Eurasia, NEFI foci are to answer questions about what should be done for the human well-being in the changing natural and social environments of the region. Currently, NEFI includes 30 international projects devoted to the Arctic, Eurasian boreal forest zone, and the Dry Land Belt of Northern Eurasia. Each year, the NEFI active organizes three or more dedicated NEFI Sessions at the AGU, JpGU and SCERT Conferences. NEFI Special Issue of the *Environ. Res. Lett.* is being published (currently, the Issue has 35 papers accepted and 23 manuscripts are in the review process). The deadline for the article submissions is June 30, 2020. Incomplete list of NEFI publications in 2018-2019 includes about 50 peer-reviewed papers and book chapters. NEFI is open for joining of other research groups.

### References:

Groisman et al. 2017: Northern Eurasia Future Initiative (NEFI): Facing the challenges and pathways of global change in the twenty-first century. *Progress in Earth and Planetary Science*, **4**:41.

Monier et al. 2017: A Review of and Perspectives on Global Change Modeling for Northern Eurasia. *Environ. Res. Lett.*, **12**: 083001.

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