

Northern Eurasia Earth Science Partnership Initiative in 2011-2012: An Update

GROISMAN, Pavel^{1*}

¹UCAR at NOAA/NCDC, Asheville, NC, USA

Six years ago the Northern Eurasia Earth Science Partnership Initiative (NEESPI) was launched with the release of its Science Plan (<http://neespi.org>). Gradually, the Initiative was joined by numerous international projects launched in EU, Russia, the United States, Canada, Japan, and China. Throughout its duration, NEESPI served and is serving as an umbrella for more than 140 individual research projects (always with an international participation) with an annual budget close to 15 million US dollars. Currently, the Initiative is in full swing. A new crop of NEESPI projects was launched in 2010 and 2011 to compensate for the projects that have been completed and the total number of the ongoing NEESPI projects changed but slightly compared to its peak (87 in 2008). Since 2008, NEESPI has been receiving an intergovernmental level of support in Russia, the United States, and Ukraine.

The past year was extremely productive in the NEESPI outreach. In 2011, more than 100 peer-reviewed papers and/or book chapters were published or are in press (this list is still incomplete and is anticipated to nearly double). A suite of 25 NEESPI articles has been submitted and is currently in a peer review (4 of them), published and or accepted for publication (21 of them) for the Forth Special NEESPI Issue in *Environmental Research Letters* (19 in volume 6 and residual in volume 7 of the journal). Several books and White Papers were published by Springer (Baltzer ed., 2010; Gutman and Reissell, eds., 2011), and the National Academy of Science of Ukraine (Lyalko and Groisman, eds., 2012, in press in English, "Naukova Dumka" Publ. House), and FAO (Matyas, ed., 2010). One more book devoted to Siberia was prepared by the members of the NEESPI team and is scheduled to appear before the end of this year ("Springer" Publ. House). Preparations have been started to complete the circle of regional monographs on Environmental Changes in the NEESPI domain with a book focusing on the dry land areas of Northern Eurasia.

The description of the NEESPI Program will be complemented with an overview of the results presented in book "*Regional Environmental Changes in Siberia and Their Global Consequences*".

Keywords: NEESPI, Environmental change, Climatic change, Feedbacks to global climate