

FOR MORE INFORMATION SEE THE NEESPI WEB SITE:

<http://neespi.org>



(COURTESY PHC)



Side Note:
*“NEESPI” is pronounced
approximately like the
Russian phrase for
“Don’t sleep”*

Northern Eurasia Earth Science Partnership Initiative

NEESPI is an interdisciplinary program of internationally-supported Earth system research that addresses large-scale and long-term manifestations of climate and environmental change.

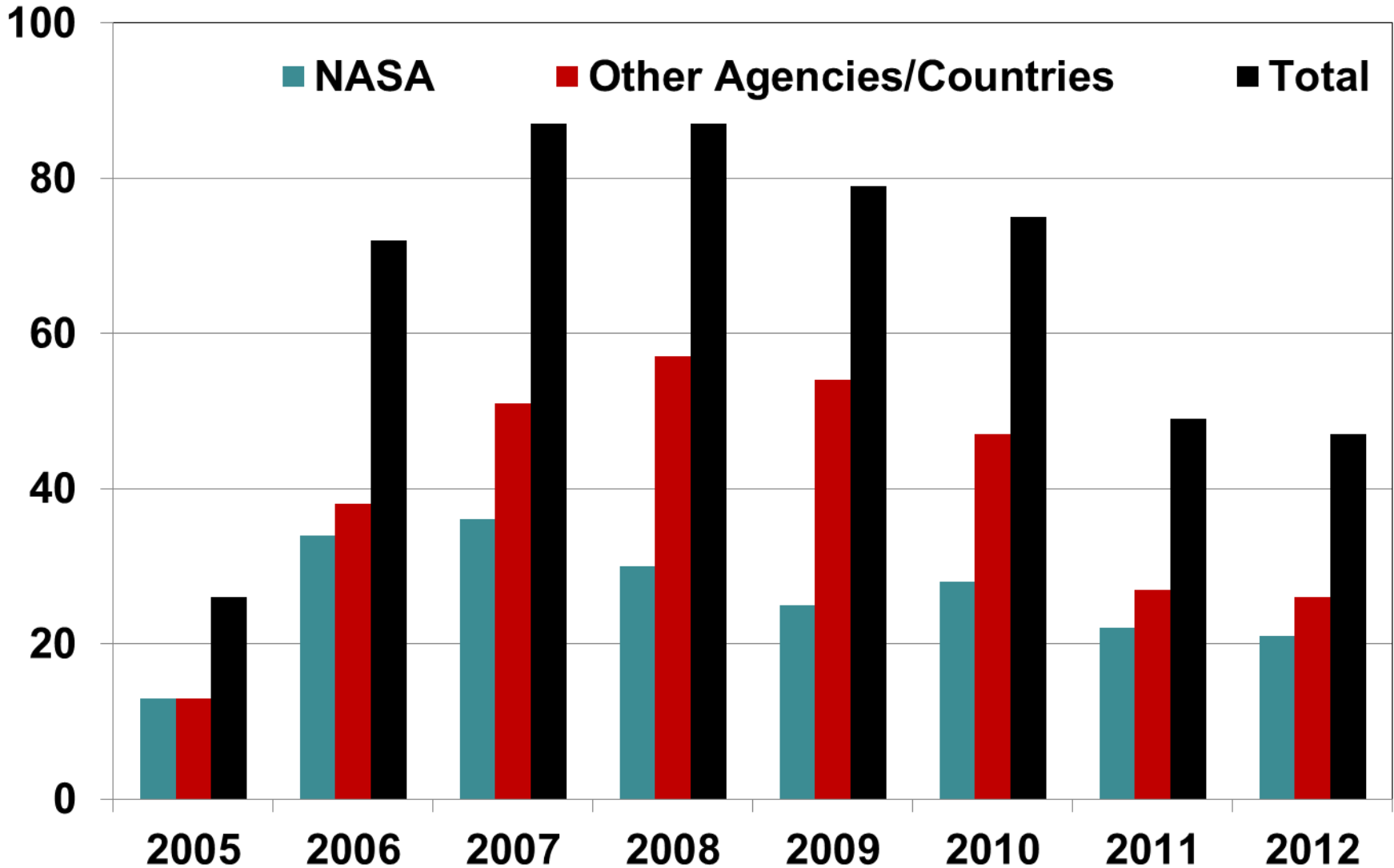
NEESPI Study Area includes: Former Soviet Union, Northern China, Mongolia, Fennoscandia, & Eastern Europe

NEESPI duration ~ 10-12 years (started in 2004)

NEESPI Statistics

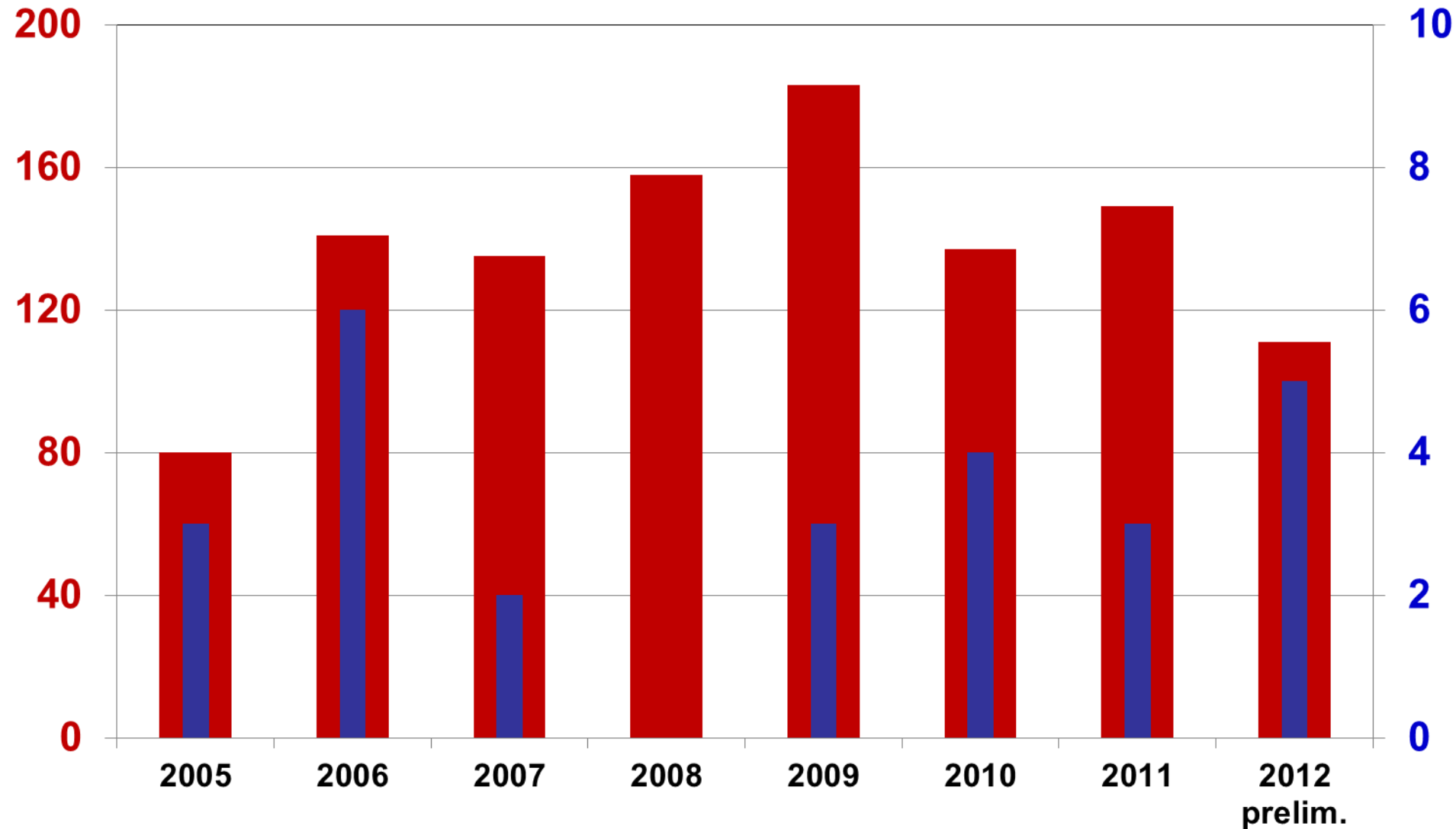
- Throughout its duration, NEESPI served and is serving as an umbrella for about **155 individual research projects (always with an international participation)** with an annual budget close to 15 million US dollars.
- More than **700 scientists from more than 200 institutions of 30 countries** worked or are working under the Initiative umbrella.
- During the Mega-Project life, **more than 1065 papers and 25 books were published.**
- More than **75** PhD students defended their theses while working within the NEESPI framework.

Active NEESPI Projects per year



NEESPI publications by year

■ Peer-reviewed publications ■ Books



Some Books and Thematic Journal Issues in 2012

Published:

- The 4th (the third ERL) *Environ. Res. Lett.* NEESPI Focus Issue was published and available on line. This Special Issue has 25 manuscripts (<http://iopscience.iop.org/1748-9326/focus/NEESPI3>)
- Groisman, P.Ya. and V.I. Lyalko (eds.) 2012: "**Earth System Change over Eastern Europe**" "Akademperiodyka" Publ. House, Kiev, Ukraine, 488 pp. (in English; May 2012).
- Groisman, P.Ya., A. Reissell, and M. Kaukolehto (eds.) 2012: Proc. of the NEESPI Regional Science Team Meeting devoted to the High Latitudes, Univ. Helsinki Press, Helsinki, Finland ~ 153 pp. **REPORT SERIES IN AEROSOL SCIENCE No. 130** (<http://www.atm.helsinki.fi/FAAR/reportseries/rs-130.pdf>)
- Groisman P.Ya. and G. Gutman (eds.), 2013: "**Environmental Changes in Siberia: Regional Changes and their Global Consequences**", Springer Publishing House, Amsterdam, The Netherlands (Published on September 2, 2012).

In press:

- Chen, J., S. Wan, J. Qi, G. Henebry, M Kappas, and G. Sun (eds.), 2013: "**Dryland East Asia: Land Dynamics Amid Social and Climate Change**" Beijing: Higher Education Press & Berlin: De Gruyter (in press).

NEESPI Meetings, Workshops, Sessions in the past 12 months

- **December 5-9, 2011, San-Francisco, USA.** NEESPI Session at the Fall Annual AGU Meeting
- **February 7-8, 2012, St. Petersburg, Russia.** NEESPI Regional Workshop: “Hydrological consequences of changes in climate and land cover across Northern Eurasia”
- **April 22-27, 2012, Vienna Austria.** European Geosciences Union Annual Assembly. There we had four special NEESPI Sessions
- **May 20-25, 2012, Makuhari Messe, Japan.** Japanese Geoscience Union Annual Meeting. Three special NEESPI/MAIRS Multidisciplinary oral and poster Sessions
- **June 18-22, 2012, Yoshkar-Ola, Russia.** Regional Conference: “Impacts of extreme weather on natural, socio-economic, and land-use systems”.
- **June 24 - July 2, 2012, Irkutsk, Russia.** Summer Scientific and Educational Event “*ENVIROMIS*” and the APN Workshop on extreme events in Eurasia.
- **December 3-7, 2012, San Francisco, USA, This Meeting.** Two oral and two poster sessions.

Future NEESPI activities in 2013:

- **April 22-27, 2013, Vienna Austria.** European Geosciences Union Annual Assembly. The special NEESPI Session
- **May 19-24, 2013, Makuhari Messe, Chiba-City, Japan.** Japanese Geoscience Union Annual Meeting. Special NEESPI Session
- **June 10-14, 2013, Borgholm, Island of Öland, Sweden.** BALTEX 7th Study Conference
- **May 25-June 3, 2013, Mongolia,** Summer School on Fresh Water Sustainability (*if sufficient funding will be available*)
- **Summer 2013, Petrozavodsk, Russia.** Summer Scientific and Educational Event “**CITES**”
- **Summer 2013, Petrozavodsk, Russia.** Summer Scientific and Educational Event “**CITES**”
- **December 2013, San Francisco, USA,** Open NEESPI Session at the Annual Fall AGU Meeting

Future Plans

- Focus on Modeling and Integrative Studies across the NEESPI Domain
- Data and Research Results Dissemination
- Outreach focused on early career scientists
- **Large NEESPI Conference in 2015** that will summarize the 12 years of NEESPI studies and preparation of the following-up NEESPI overview book
- 4th **ERL** Special Focus Issue. Deadline: **June 15, 2013**
- **Development of the new set of scientific ideas for regional projects that will succeed NEESPI:**
 - Accelerated changes in the boreal zone & the Arctic
 - Shifts of climatic zones and cryosphere of Northern Eurasia
 - Problems of the water deficit and societal sustainability

谢谢!

Thank you!

Спасибо!