

NEESPI Science and Education Support Centers

Brief information

NEESPI Science Support Centers

Within the Russian Federation

- *For hydrometeorological information:*
- *Research Inst. For Hydrometeorological Information, Obninsk, Kaluga Area*
- *For remote sensing information:*
- *SCANEX Corp., Moscow*

Within the United States

- *For hydrometeorological information:*
- *National Climatic Data Center, Asheville, NC*
- *For remote sensing information:*
- *Goddard Space Flight Center, Greenbelt, MD*

Within China

- *Beijing Climate Center*

NOAA National Climatic Data Center

- The Applied Research Center (ARC) for Data Set Development (NOAA OGP CCDD mega-project)
- Baseline in-situ data sets creation and maintenance (GHCN, GDCN, GSCN, ISH, CARDS, IGRA)
- Data Stewardship Program
- Users' Services (e.g., Global Extreme Events Monitoring; Global Climate at the Glance, GCAG; etc.).
- **Funding Sources: NOAA; US. State Dept.**

Goddard Space Flight Center

- Baseline remote sensing data sets distribution
- Users' Services
- Current status of support (pending NASA Proposal)

Beijing Climate Center

- January 1995: National Climate Centre (NCC) of China Meteorological Administration (CMA) was founded
- March 2003: Beijing Climate Centre (BCC) was established to function as a WMO Regional Climate Center for East Asia
- **Overall Goal: To propose and conduct climate research and development projects and coordinate with other Regional Climate Centers**

BCC Functions for Globe with a particular emphasis on East Asia

- To monitor and diagnose global atmospheric and ocean conditions, as well as significant climate events (e.g. ENSO)
- **To provide global climate predictions and impact assessments, development of regional climate scenarios and response strategy options, climate data base, archiving services, and relevant climate products**
- To foster collaborations between National Meteorological and Hydrological Service and formulate plans of the studies of climate variability, predictability and impact in the region;
- **To develop regional models, methods of downscaling and interpretation of global forecast products;**
- **To undertake application research, and assist development and application of specific products for various users;**
- **To study the economic value of climate information**

NEESPI Education Support Centers

- 1. GLOB Program for Eastern Europe and Asia**
- 2. Each university participating in the NEESPI Projects employs students to address the Educational component of the NEESPI Science Plan**
- 3. Georgia Institute of Technology, Atlanta, USA**

Pending

- 4. University for Geodesy and Cartography, Moscow**