

The Role of Young Scientists in Capacity Building for Preservation of and Access to Scientific Data in Developing Countries - Taking Mongolia Workshops as an Example

Tomoko Doko

(Co-chair of UN GAID e-SDDC Young Scientist Forum, Yokohama National University)

The young scientists play important roles in the science, technology, and policy areas, especially in the scientific data area. However, there is still a tremendous digital divide between developing countries and industrialized countries. The mission and actions of the Preservation of and Access to Scientific and Technical Data in Developing Countries (PASDC) TG focuses on reducing digital divide. In this presentation, we would like to introduce a case study of one workshop held in Mongolia in 2009, as an example of capacity building program for preservation of and access to scientific data in developing countries. The workshop on “Inter-Agency Collaborative Technologies in Earth Observations for Global Change Research in the Asia-Pacific Region” was held from 12th to 15th of September, 2009, in Mongolia under the joint-session of Asia Pacific Network and UN GAID e-SDDC. The target audience for the capacity building was the Mongolian young scientists. During the morning, on 12th September, a workshop "Global Environmental Change: RS/GIS applications" was held at the Conference hall of NUM (National University of Mongolia) in the Ulaanbaatar, chaired by Prof. T. Chuluun. In the afternoon on 12th September, a distinguished professor, Prof. Liu Chuang, and a young scientist, Dr. Xie Jibo, gave hand-on exercises on GIS/Remote Sensing application for spatial analysis and modeling, and the one on web-services development, respectively, at the National University of Mongolia. After the workshop in Ulaanbaatar, an international workshop on Young Scientists Conference on Global Environmental Change was held in Hustai National Park, Mongolia on 14th September. As a member of UN Gaid e-SDDC Young Scientist Forum, Ms. Tomoko Doko chaired this session. There were 8 presenters, and 9 young scientists (one from Japan, one from China, seven from Mongolia), who participated to the session. Objectives of the workshop are to facilitate communication among young scientists and to help them exchange information about their research in the field of Global Change Research and RS/GIS fields.