

View on UN Committee of Experts (UNCoE) on Global SDI proposed by UNSD

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1. Needs of Global Map for Global Issues.

Climate change, large-scale disaster and extinction of biodiversity are the issues that need to be tackled by the global community. In order to evaluate following items, the development for the accurate global Spatial Data Infrastructure (SDI) in consistent specifications is required.

- Climate Change
 - Amount of removal/emission of green house gases
 - Vulnerable area to climate change
 - Change of water resource
- Large-Scale Disaster
 - Flood forecasting
 - Access to the damaged area where assistance is needed
- Extinction of Biodiversity
 - Forest corridor
 - Habitats of migratory birds

To meet these needs efficiently, the role of National Mapping Organizations (NMOs) charged with the development and management of SDI is indispensable. To cope with these tasks appropriately by related organizations, Global Map is being developed with the cooperation of NMOs world wide and firmly bringing results as the virtually only available global SDI.

2. Proposal to UNCoE on global SDI

In the UNCoE, it is proposed that the measures for efficient development and applications of the Global Map toward the global issues should be discussed among NMOs, international/regional organizations and academies in effective coordination with related organizations.

Existing framework of Global Mapping continues to be utilized: ISCGM will plan for the development and application of Global Map, each NMO will continue its contribution by developing its own Global Map data and by cooperating with other countries.

In some countries, Global Map has been considered as NSDI of their countries. Global Mapping is assisting countries in raising their technical skills and disseminating international standards through their data development. I expect that Global Map would be one of the subjects for discussion to promote capacity building and standards as much as practical.