Declaration of the International Workshop on National Spatial Data Infrastructure and Its Applications

We, the participants of International Workshop on National Spatial Data Infrastructure and Its Applications, held in Terelj, Mongolia, on 9 June 2015, organized by UN-GGIM-AP and the Administration of Land Affairs, Geodesy, and Cartography of Mongolia (ALAGaC) to discuss the importance of NSDI development by exchanging knowledge, experiences and good practices within the Asia and the Pacific, hereby issue this

Terelj Declaration on National Spatial Data Infrastructure and its Applications

Recalling the Resolutions at the Third Plenary Meeting of the Regional Committee of United Nations Global Geospatial Information Management for Asia and the Pacific (UN-GGIM-AP), which recognized the importance of place-based information has been acknowledged by Member States in the region, and that its development and actual applications are increasing within Asia and the Pacific;

Recognizing that National Spatial Data Infrastructure (NSDI) is a critical national infrastructure to ensure social and economic progress, in rural, peri-urban and urban settings and the progress of society;

Recognizing the importance of NSDI and its significance in sustainable development, and the necessity to frame the legal environment to coordinate geospatial data collection, sharing and distributing among various level of users;

Recognizing further that we live in an information era, where utilization of geospatial information and leveraging NSDI will lead us towards spatially enabled government and its services, and

Noting the importance of NSDI is realized by policy and decision makers in the Government of Mongolia and the Mongolian NSDI development activities are moving forward on the basis of support and efforts by UN-GGIM-AP member states and other international organizations,

To contribute to the development and utility of an effective and efficient NSDI, we resolve to -

a) NSDI Policy and Legal framework:
   - be inclusive and cognizant of national context, cultures and constraints,
   - support the establishment of interoperable legal framework in member states, such as NSDI act, to bring about collaboration amongst stakeholders including users of the NSDI,
   - formulate collaborative strategic plan to systematically develop NSDI within the legal framework, and
   - promote research and development in the geospatial information domain and the allocation of adequate budgetary resource within the Government.
b) **NSDI Framework Data, Standardization and Architecture:**

- adopt standards that enhance interoperability including standards for data entry and database design to effectively share and disseminate geospatial data amongst stakeholders,
- evaluate and analyze existing geospatial data that are used by different organizations and users, and classify into certain category such as base and thematic,
- use global geodetic reference frame recommended by United Nations Resolution in data acquisition and production,
- incorporate land information including that of tenure, ownership and custodianship that encourage a plurality of tenure types,
- encourage users to use base maps provided by NGIAs including ALAGaC,
- define fit-for-purpose architecture design for integrated geospatial information management system including rapid data acquisition, updating, and service of geospatial data, and
- intensify cooperation and contribution from amongst government and non-government organizations, research institutes and academia, private sectors and individuals.

c) **NSDI Applications:**

- establish integrated system for access granting, sharing and distributing of geospatial data and information based on the meta-data catalogues,
- continue to encourage policy and decision makers to use geospatial information in the government’s daily activities including the use of fundamental geospatial data in national development planning and local development planning,
- promote research and development to support policy and decision makers, applications of NSDI towards the wider use and re-use of geospatial information as well as promoting national geospatial information industry, and
- continuously promote NSDI related activities, achievements and results through media to increase awareness amongst different levels of users and stakeholders.

d) **NSDI Capacity Development:**

- promote the sharing of knowledge, experiences and good practices in NSDI development and implementation,
- encourage cooperation and resource sharing amongst member states in the development of NSDI in close cooperation with UN-GGIM-AP and relevant international organization, and
- urge Academia, NGOs, CSOs and international organizations to contribute to the human capacity development.

*Issued on 9th June 2015*

*Gorkhi-Terelj National Park, Mongolia*