

**Committee of Experts on Global Geospatial
Information Management**

Tenth session

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Item 13 of the agenda

**Implementation and adoption of standards for the global geospatial information community
(for information)**

Statement provided by:

Government of India

Statement:

Dear Chairman,

Report and the work of the international organisations have been noted. The standard specifications from OGC/ ISO/ IHO have been useful in standardising the data/ metadata services to facilitate sharing for various applications. DST has been a Principal Member of the OGC since 2004 and has been chairing the National Mirror Committee (BIS LITD-22) of the ISO TC 211 in the Indian National Standards making body i.e. Bureau of India Standards (BIS). To facilitate promotion and adoption of standards, some of the ISO standards like Conceptual Schema Language (ISO 19103), Rules for Application Schema (ISO 19109); Web Map Service (ISO 19128); Web Feature Service (ISO 19142); Geography Mark-up Language (GML) (ISO 19136) etc. have been co-branded as National Standards by the BIS. The National Data Registry Initiative of the NSDI-India has adopted BIS standard on Geospatial Metadata (IS 16439), ISO specifications on Procedures for Registration of Geographical Objects (ISO 19135) and OGC's CSW-ebRIM, GML for implementing the individual organisational Data Nodes and the NDR Node for hosting a centralised interoperable catalogue that could harvest metadata periodically from the individual Data Nodes. The architecture has the potential for use in monitoring SDGs at hierarchical levels and promote multi-domain data integration.

Thank You.

Submitted on:

8/21/2020