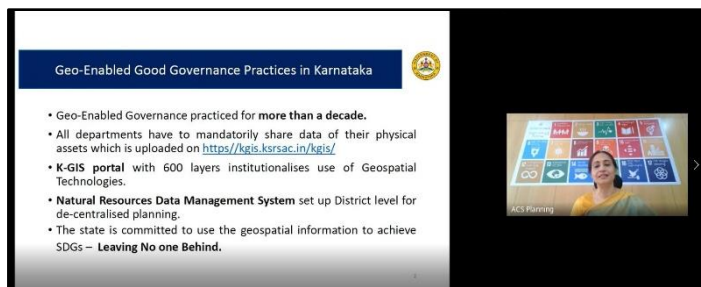# 106 D. 1) Natural Resources Data Management System (NRDMS) – Karnataka Project

The NRDMS program established during 1992 has been providing geospatial data, information and services for a wide range of uses and have seen steady growth in the requests for both data and services. The NRDMS application domains includes public health, agriculture, education, environmental analysis and mapping, transportation, water quality/quantity, watersheds, elections, disaster planning and management, administration & planning.

Major activities:

❖ Associated with Department of Science and Technology in organising the Second **United Nations World Geospatial Information Congress (UN-WGIC**) in Hyderabad International Convention Centre (HICC) held on October 10-14 , 2022

❖ As part of UN-WGIC a pre-event was organized by KSCST through a virtual platform on 21st and 22nd April 2022 to identify the potential technologies to be flagged during this event. The speakers were from government sector, research and academia, industry, youth and civil society. The webinar focussed on the importance, advancements and applications towards *Geo enabling the Global village.* Participants included faculty, students, government and non-government officials. Around 100 participants participated in the programme.

❖ Geospatial inputs to ACS, Planning office for preparation of action plan on developmental indicators.

❖ Report on Sustainable development goals for Karnataka.

❖ Preparation GP ATLAS 2022 is under progress.

❖ NRDMS staff coordinating Jalsanjeevini program of Karnataka by providing training and capacity of building GP functionaries.

Karnataka Geoportal

- ❖ Provides geospatial data, information and services over internet to all stakeholders. Established National Data Registry sub-portal in Karnataka and Cloud services for National Spatial Data Infrastructure.
- ❖ KSCST as a nodal agency for "Interim Data Sharing Framework (IDSF)" coordinating with for effective sharing of digital geospatial data.
- ❖ KSCST as a member in NSDI Working group providing inputs on data standards and sharing.