

Space and Global Health

Madam Chair and Distinguished delegates,

India is already undertaken measures concerning the critical intersection of space exploration and health. Space-based technologies offer unique capabilities that can enhance the understanding of health-related challenges and improve healthcare.

Madam Chair,

Indian Ministry of Health & Family Welfare (MoHFW), along with Indian Space Research organisation as technology partner, has set up a consolidated platform of healthcare resource information named 'National Health Resource Repository (NHRR)'.

The Repository serves as a single source of healthcare resource information of both public and private sector in the country. The pilot project was done at 5 different locations and finalised the methodology for national level. The Phase I of NHRR database was effectively used in India during Covid-19 pandemic.

The Phase – II of the project was initiated in 2023 towards creation of master health facility directory through data updation, advanced analytics of the existing data especially in correlation with other spatial, demographic and health related data parameters, health access and planning with geospatial technology, disease surveillance, community health profiling and risk analysis, health & well-being promotion and health literacy.

Madam Chair,

ISRO developed a Mobile application "FeverTracker" for Regional Malaria research centre, for integrated surveillance, which has been designed to assist the community and health care workers in digital surveillance and thereby contribute toward malaria control and elimination. A Decision Support System (DSS) also developed for a state Animal Husbandry Department in controlling and monitoring of all major Transboundary Animal Diseases (TADs) including the African Swine Fever using geospatial analytics and tools. ISRO also developed an early warning and surveillance of mosquito vector borne diseases for the North East Indian states using geospatial technology.

Madam Chair,

India shall continue to contribute towards utilisation of space technology for betterment of Human life on Earth.

Thank you Madam Chair and Distinguished delegates.