

Digital Catchment Committee in the 14th International Symposium on Digital Earth.

This symposium was organized by International Society for Digital Earth, with theme of “Digital Earth Facilitating Sustainable Development Goals” China and held in Chongqing, China in April 21-25 to explore the rapid advancement of Digital Earth technologies, particularly in digital transformation. To foster the international collaboration and dialogue on Digital Earth technologies and their role in supporting the SDGs, this symposium convened different experts, scholars, and practitioners from the global Digital Earth community, and deeply discussed the development and progress of Digital technology acceleration and spatial-temporal intelligence of big data for Sustainable Development Goals.

Particularly, the session chaired by Prof. Xi Chen from Zhejiang University of Technology, Prof. Qiming Zhou from Hong Kong Baptist University and Dr. Alphonse Kayiranga from University of Lay Adventists of Kigali explored the "New Theories, Technologies and Applications of Digital Watershed for Sustainable Development". This session consisted of 9 presentations from different geographical areas with different watershed ecological and hydrological and climate change perspectives including assessing climate change impacts on agricultural sustainability, modelling flood probability, spatiotemporal intelligence empowering sustainable development, integrated simulation server for ecological Restoration solution, etc... This session has successfully demonstrated substantial potential for addressing the sustainable development challenges and development of new technologies and methodologies for watershed ecology and hydrological ecosystems management.



The Figure shows stand and exhibition of ISDE and other stakeholders at the symposium venue (Chongqing Yujelai International Convention Center), Photo taken by Dr. Alphonse Kayiranga.