Session Title	Big Earth Data in Support of SDG 15: Life on Land
Session Description	The session focuses on the integration of cutting-edge technologies such as satellite remote sensing, citizen science, and artificial intelligence to advance sustainable forest management, combat desertification, and protect biodiversity—key themes under SDG 15. Participants will engage in discussions about the progress and assessment of SDG 15 targets, emphasizing the construction of decision support systems. The symposium aims to highlight the capabilities and contributions of big data in supporting sustainable development goals. Through collaborative efforts, we seek to enhance the accuracy and efficiency of monitoring and evaluating ecological changes, thus providing invaluable insights for policy-making and implementation.