

Outcome Report of Dr Jonali Goswami

I, Dr. Jonali Goswami, Scientist/Engineer - 'SF', currently serving in the Agriculture and Soil Division of the Remote Sensing Application Group and as the Program Coordinator for Outreach and Capacity Building at the North Eastern Space Applications Centre (NESAC), Department of Space, Government of India, am honored to have received The ISPRS Foundation (TIF) travel grant. This grant enabled me to present my paper titled 'Disaster Preparedness and Capacity Building for Resilience in Agriculture' at the ISPRS Technical Commission V Symposium 2024, under the theme 'Promoting Education and Training on Disaster and Risk Management,' held in Manila, Philippines, from August 6-8, 2024. I extend my heartfelt gratitude to The ISPRS Foundation for this recognition, which was awarded to me during the inaugural session of the symposium on August 6, 2024.



The Symposium and its associated events have illuminated innovative teaching and learning methods, enhanced collaboration, and facilitated seamless access to and processing of geospatial data. It provided an interdisciplinary platform where experts, practitioners, and researchers showcased advancements and applications in remote sensing and state-of-the-art technologies. Additionally, it served as a forum for exchanging research ideas and promoting international collaboration in the dynamic fields of remote sensing and geospatial technology.

As the Program Coordinator for Outreach and Capacity Building at NESAC, I coordinate training programs in geospatial technology across various thematic domains, including Agriculture, Forestry, Geosciences, and Water Resources. This symposium offered me a valuable platform for international collaboration and exposure to the latest trends, advancements, needs, and cutting-edge technologies in capacity-building programs worldwide. The insights gained will undoubtedly help me enhance the training modules at NESAC, incorporating recent trends such as the use of crowdsourced data for geospatial analysis and initiating new programs in the North Eastern region of India.

Furthermore, my work in applying geospatial technology to the agriculture sector has greatly benefited from this exposure. It has enabled me to explore the application of advanced techniques, such as AI and IoT, for early detection and action-oriented agriculture in the North Eastern States