

Congress Grant Report: ISPRS Congress Attendance Report

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Introduction

I had the opportunity to attend the XXV ISPRS Congress on Remote Sensing, thanks to the financial support provided through the TIF grant. The Congress brought together researchers, practitioners, and industry professionals from around the world to discuss recent advances in photogrammetry, remote sensing, and geospatial information science and AI. As a PhD candidate, attending this Congress provided an excellent opportunity to learn about cutting-edge research, present my work, and expand my professional network.

Congress Participation

During the Congress, I attended keynote presentations, technical sessions, and panel discussions covering topics closely related to my research interests. For example, the WG III: Remote Sensing for Agricultural and Natural Ecosystems and **WG III: Remote Sensing Data Processing and Understanding**. These sessions highlighted recent developments in remote sensing applications, artificial intelligence, Earth observation, and geospatial data analysis.

I also presented my research, titled "Remote Sensing of Maize Physiological and Nutrient Dynamics in Response to Fall Armyworm Infestation," during ThS22: Earth Observation for Crop Health and Resilient Food Systems. This provided an opportunity to share my work with the international research community. The questions and feedback I received from attendees offered valuable perspectives that will help strengthen my research and future publications. I am also grateful to my supervisors and co-authors for their guidance and collaboration throughout this work.

Beyond the scientific sessions, I engaged in discussions with researchers from different institutions and countries. These conversations provided opportunities to exchange ideas, learn about complementary research projects, and establish professional connections that may lead to future collaborations.

Benefits to My Research

Attending the Congress significantly contributed to my academic and professional development. The Congress exposed me to innovative methodologies, emerging technologies, and current challenges in geospatial science. Several presentations introduced approaches that could be incorporated into my own PhD research.

The experience also improved my presentation and communication skills by allowing me to discuss my research with experts in the field and receive constructive feedback. The networking

opportunities broadened my understanding of ongoing international research and strengthened my connection to the ISPRS community.

In addition, attending sessions such as the Career Café for Students and Young Professionals and Speed Dating: Student–Industry Connections helped me better understand how to improve as a young researcher and explore opportunities for professional growth. The STEP-TIF: ISPRS Student and Early Professional (STEP)–TIF Evening Reception provided an excellent opportunity to connect with fellow students, early professionals, and senior researchers in an informal setting.

Impact of the Grant

The Congress grant played a crucial role in making my attendance possible by helping cover travel and participation costs. Without this financial support, I would not have been able to attend the Congress. The grant enabled me to fully participate in the Congress and benefit from the scientific discussions, networking opportunities, and professional development activities.

Conclusion

Attending the ISPRS Congress was a highly valuable experience that has positively influenced my PhD research and professional growth. The knowledge gained, feedback received, and connections established will contribute to the quality and impact of my future work. I sincerely appreciate the financial support provided through the Congress grant and thank the funding organization for investing in the development of early-career researchers. Beyond the scientific program, I had the opportunity to explore Toronto and experience its cultural diversity, which further enriched my overall experience at the Congress.

Pictures



Presenting at the Congress