Report on Participation in the ISPRS 2026 Congress, Toronto, Canada

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Attending the ISPRS 2026 Congress in Toronto, Canada, was an outstanding and highly rewarding experience that contributed significantly to my academic, professional, and personal development as a Ph.D. candidate in remote sensing and geospatial science. The congress brought together researchers, academics, industry professionals, and students from around the world, creating an inspiring environment for scientific exchange, collaboration, and networking.

My research focuses on Arctic sea ice thickness monitoring and prediction through the integration of microwave remote sensing, physical parameters, and machine learning techniques. During the congress, I had the opportunity to present my accepted paper, "Leveraging Polarized Ku- and C-band Radar Backscatter Time Series for Sea Ice Thickness Prediction Using Random Forest." Presenting my research to an international audience provided a valuable opportunity to discuss my work with experts in remote sensing and cryosphere science, and to receive constructive feedback that will help strengthen my ongoing research and future publications in the Arctic and climate change research.

The congress also provided exceptional networking opportunities. As the event was held jointly with the Canadian Remote Sensing Society (CRSS), I had the chance to interact with members of the CRSS student community and discuss future volunteering and professional engagement opportunities related to my research interests. In addition, as the founding Chair of the newly established IEEE Geoscience and Remote Sensing Society (GRSS) Student Branch Chapter at the University of Manitoba, I was particularly pleased to visit the IEEE GRSS booth in the exhibition hall and speak with representatives of the society. Building such professional relationships is especially valuable for me, leading to future collaborations, and joint projects.

I am sincerely grateful for the support provided by The ISPRS Foundation (TIF) through its travel grant and for the waiver of my conference registration fee. This support made it possible for me to attend and participate in this world-class scientific event. As an international graduate student, such assistance plays a crucial role in enabling access to professional development opportunities.

Below are two photographs, including a photograph of me at the official ISPRS 2026 Congress banner and another taken during my presentation at the conference.

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Information from Imagery
ISPRS STEP
STUDENT AND EARLY PROFESSIONALS
Mohvan Dadjoo
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isprs 2026 TORONTO
XXV ISPRS CONGRESS
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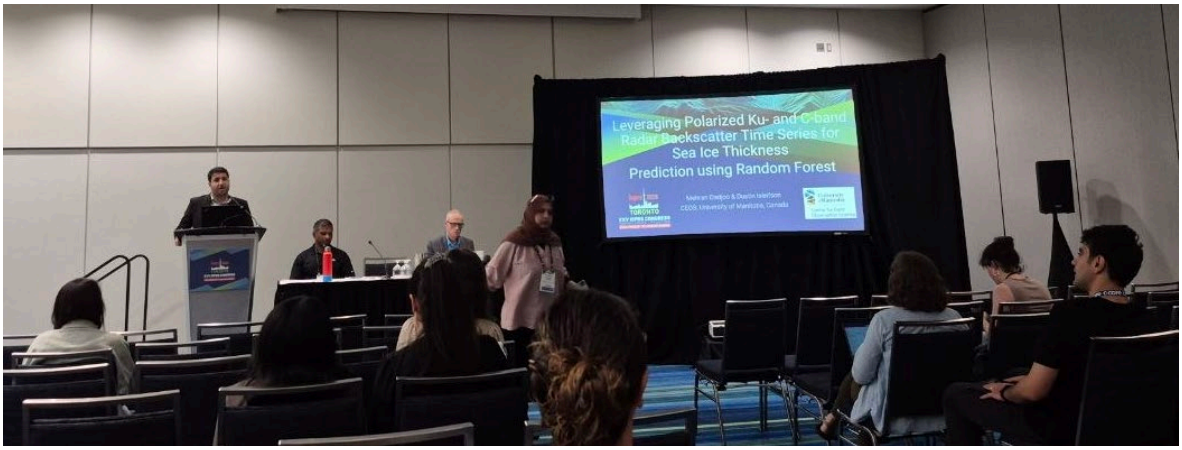
FROM IMAGERY TO UNDERSTANDING


Leveraging Polarized Ku- and C-band
Radar Backscatter Time Series for
Sea Ice Thickness
Prediction using Random Forest