

# Report on GSW2025 Participation

## TIF Grantee Feedback

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Participating in the ISPRS Geospatial Week 2025 in Dubai was an immensely rewarding experience, both professionally and personally. As I approach the final months of my PhD, the conference was a unique opportunity to showcase the evolution of my research in an international setting and to strengthen the network of collaborations I've built over the past years.

At GSW2025, I contributed to the scientific program with two papers that have been accepted for publication into the ISPRS archives. *"Collaborative defect annotation on 3D seamless open-source framework"* presented recent advances in my Ph.D. research, focusing on a modular, open-source framework for managing 2D and 3D inspection data. This work, which builds on my previous presentation at GSW 2023, demonstrated how the framework can be adapted to support digital twin solutions, particularly in the field of cultural heritage preservation. *"GlacioTools: Streamlining Glacier Feature Monitoring and Reporting in QGIS"* instead highlighted a collaborative, student-led initiative for glacier monitoring in the Italian Alps - an example of how research and education can be aligned to generate long-term value for both local and scientific communities.



The conference allowed me to reconnect with researchers I had previously met, engage in insightful discussions, and explore potential new collaborations. Being exposed to different projects and methodologies has already sparked new ideas and inspirations that I plan to implement in the final stages of my Ph.D. work. I also found great inspiration in hearing from other early-career researchers, especially during sessions focused on open science and global sustainability.

Beyond academic contributions, this experience has reinforced my motivation to establish an ISPRS Student Consortium chapter at my university community. By sharing lessons learned and

encouraging participation in ISPRS events, I hope to empower the next generation of geospatial scientists.

I am deeply grateful to the ISPRS Foundation for supporting my attendance at GSW2025. This experience has had a lasting impact on my academic path and reaffirmed my commitment to both collaborative science and community engagement in the geospatial research field.