

Latin American GRSS & ISPRS Remote Sensing Conference – LAGIRS – 2025: Preface

Hilcéa Santos Ferreira¹, Gilson A. O. P. Costa²

¹Asociación de Especialistas en Percepción Remota y Sistemas de Información Geográfica – SELPER
presidente@selper-internacional.org

²Department of Informatics and Computer Science - Rio de Janeiro State University - Rio de Janeiro, Brazil
gilson.costa@ime.uerj.br

The Latin American GRSS and ISPRS Remote Sensing Conference (LAGIRS 2025) was held from 10 to 13 November 2025 in Foz do Iguacu, Paraná, Brazil. The conference brought together researchers, professionals, and students from Latin America and other regions to discuss recent advances in remote sensing and geospatial technologies.

LAGIRS 2025 was organized within the framework of the IEEE Geoscience and Remote Sensing Society (GRSS) and the International Society for Photogrammetry and Remote Sensing (ISPRS), with the support and active involvement of SELPER Brasil, contributing to strengthening the regional Earth observation community and fostering international collaboration.

This volume of the ISPRS Annals contains peer-reviewed papers selected from the contributions presented at LAGIRS 2025. Following a rigorous scientific review process, the accepted papers ensure high-quality standards and reflect a broad spectrum of topics, including environmental monitoring, land use and land cover dynamics, water resources, disaster risk management, climate change, and emerging methodologies in remote sensing and geospatial data analysis.

The conference provided a platform for the exchange of knowledge and experiences among academia, government institutions, industry, and international organizations. Special sessions and initiatives, such as GeoTech4Frontiers, contributed to strengthening links between research and practical applications.

We would like to thank all authors, reviewers, session organizers, and members of the scientific and organizing committees for their valuable contributions. Their efforts were essential to the success of LAGIRS 2025 and to the dissemination of its scientific outcomes through this volume.

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