ISPRS Technical Commission III
Mid-term Symposium ON Remote Sensing

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Attending the ISPRS Technical Commission III Mid-term Symposium on Remote Sensing 2024 at the Federal University of Pará was a valuable experience. I presented two papers: the oral presentation “Assessing Land Use and Cover Changes Arising from the 2022 Water Crisis in Southeast China: A Comparative Analysis of Remote Sensing Imagery Classifications and Machine Learning Algorithms,” and the e-poster “Comparing Inpainting Techniques for Urban Object Restoration from Orbital Images,” which highlights our preliminary findings using machine learning and digital image processing. Presenting this work provided an excellent opportunity to receive constructive feedback from attendees, which will help us advance our research.

The conference also offered a meaningful opportunity to connect with researchers from around the world, including colleagues from Finland, Germany, and China, among others. The hosts arranged welcoming receptions that encouraged networking, allowing us to exchange ideas and build valuable professional connections. I also had the chance to meet renowned figures in the field, including distinguished professors, the ISPRS president, and other leading researchers and scientists from around the globe. Another highlight was attending the Student Consortium meeting, hosted by the ISPRS Student Consortium, where we learned more about the consortium’s initiatives and the resources it offers to support students, including travel grants.

The high-quality research presented at the conference broadened my perspective on various techniques and significantly enriched my technical knowledge. Among the most prominent themes were methods for Land Use and Land Cover (LULC) preservation, advanced digital image processing, and deep learning, all of which were extensively discussed across presentations. Change detection techniques and the application of deep learning models, such as convolutional neural networks, were particularly emphasized and demonstrated their versatility within the geospatial community. These insights are extremely valuable for my doctoral research, as they align closely with my work and inspire me to further explore and apply them.

To conclude, I would like to express my gratitude to the ISPRS Foundation for the travel grant, which made it possible for me to attend the ISPRS Technical Commission III Mid-term Symposium on Remote Sensing 2024. Participating in this conference has been invaluable for my current and future research endeavors and has greatly contributed to my professional development.

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