

*Presidente Prudente, SP, Brazil  
July 07, 2022*

## **TRAVEL GRANT REPORT – ISPRS CONGRESS 2022**

In this report, I describe my experience at the ISPRS Congress 2022 held in Nice, France, from June 06<sup>th</sup> to 11<sup>th</sup>, 2022. It was a great and well-organized scientific congress comprising a variety of topics of interest in the field of photogrammetry and remote sensing, such as: deep learning applied to images, cultural heritage documentation, LiDAR processing, change detection from remote sensing, environmental monitoring, UAV applications, among others.

In this congress, I had a full paper published at the ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences. The paper is entitled “K-means clustering based on omnivariance attribute for building detection from airborne LiDAR data” ([doi.org/10.5194/isprs-annals-V-2-2022-111-2022](https://doi.org/10.5194/isprs-annals-V-2-2022-111-2022)). In this paper, it is proposed a novel building detection approach.

During the ISPRS congress, I had the opportunity to present my paper in the oral section, and to connect with experts from different Universities/ Institutes/Companies, around the world, that have worked in similar topics. Besides, it was also an excellent moment to know the researches in development through the world, improve my knowledge during the presentations and tutorials, and receive feedback about my research and suggestions for future improvements.

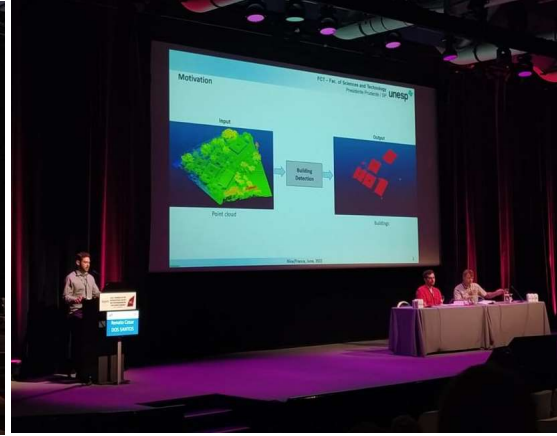
Finally, I would like to thank the travel grant provided by **The ISPRS Foundation (TIF)** and **The French National Research Institute for Sustainable Development**, which made possible my participation in the ISPRS Congress 2022. Also, I would like to thank the São Paulo Research Foundation - FAPESP (grants n° 19/05268-8 and 20/12481-7), which have provided financial support during my post-doctorate. I also leave my compliments to all event organizers that worked to produce a meeting of a high level and well organized. Besides, I thank my supervisor Prof. Dr. Mauricio Galo for encouraging my participation in scientific meetings and the production of scientific works, and the São Paulo State University (UNESP) for the work environment.

In the sequence (next page), I show some pictures taken during the congress.

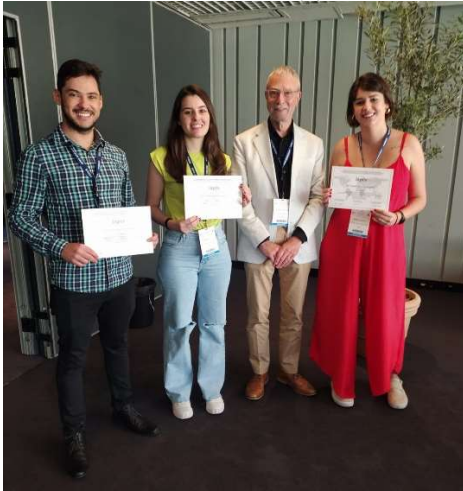
Renato César dos Santos  
Postdoctoral fellow at São Paulo State University (UNESP), Department of Cartography,  
Presidente Prudente, São Paulo, Brazil.



(a)



(b)



(c)



(d)

Opening ceremony (a). Oral presentation (b). Receiving the grant travel (c). Reception for the ISPRS Foundation (d).