Vision statement for serving in the Latin America and the Caribbean Board position

As Latin America and the Caribbean Regional Board Member of the International Society of Precision Agriculture (ISPA), I will strive to promote an inclusive and collaborative approach to drive the adoption and advancement of precision agriculture throughout the region. My vision will be to establish strong partnerships with ISPA members in Latin America and the Caribbean, providing them with resources and support to maximize the benefits of precision agriculture in their operations. Furthermore, I will seek to effectively represent the interests and unique challenges faced by precision agriculture professionals in our region, working together with local and global stakeholders to develop innovative and sustainable solutions. Through my leadership, I will aim to strengthen ISPA's presence and influence in Latin America and the Caribbean, contributing to the continuous growth and success of our precision agriculture community. To achieve this, I will work to strengthen the relationship between ISPA and the Latin American and Caribbean Association of Agricultural Engineering, of which I am the Executive Director, as well as with the Brazilian Association of Agricultural Engineering, where I serve as a Board Member.

I think these partnerships could result in regional events hosted by ISPA, expanding its presence in Latin America and the Caribbean.

I believe that my experience as a researcher in Precision and Digital Agriculture, as outlined below, qualifies me for this important role within ISPA.

Short biography

Rouverson Pereira da Silva is an Agricultural Engineer from the Federal University of Lavras (1990), with a Master's degree in Mechanical Engineering from the Federal University of Uberlândia (1995), a Ph.D. in Agronomy (Plant Production) from the São Paulo State University (2002), and a postdoctoral degree from the University of Georgia (2017). He currently serves as an Adjunct Professor III at São Paulo State University, Jaboticabal Campus, and holds the position of Executive Director of the Latin American and Caribbean Association of Agricultural Engineering, as well as the Director of International Relations at the Brazilian Association of Agricultural Engineers, and is a Board Member of the Brazilian Association of Agricultural Engineering.

Throughout his career, he has authored 206 papers in scientific journals, 10 books, and 38 book chapters. He has also presented more than 600 communications in conference proceedings and technical journals and has actively participated in numerous scientific events both in Brazil and abroad. His supervision includes 6 post-doctorate supervisions, 27 doctoral theses, 34 master's dissertations, and over 160 scientific initiation and course completion works in the fields of Agricultural Engineering and Agronomy.

Rouverson Pereira da Silva is an ad hoc consultant for several scientific journals and specializes in Agricultural Engineering, particularly in Agricultural Machinery and Mechanization, as well as Digital and Precision Agriculture. His research focuses on various topics, including Mechanized Harvest Systems (coffee, sugarcane, peanuts, and cereals), Digital Agriculture, Precision Agriculture, and Quality Control in Mechanized Agricultural Operations. He is recognized as one of the pioneers in peanut harvesting research in Brazil.

Furthermore, he is a member of the Brazilian Committees for Precision and Digital Agriculture, Evaluation of the Award Tractor of the Year, and Evaluation of the Award Machine of the Year.

Overall, Rouverson Pereira da Silva has made significant contributions to the field of Agricultural Engineering, with a wealth of publications, supervisory roles, and active participation in scientific communities both nationally and internationally.