Dr. Eiji MORIMOTO



**Education**
2000: Completed Master's Program at the Graduate School of Agriculture, Kyoto University
2003: Completed Doctoral Program at the Graduate School of Agriculture, Kyoto University (Ph.D. in Agriculture)

**Work Experience**
2003: Special Research Fellow, 21st Century COE Program, Faculty of Agriculture, Tokyo University of Agriculture and Technology (until March 2004)
2004: Senior Technician, Ishikawa Agricultural Research Center
2008: Adjunct Lecturer, Faculty of Agriculture, Kobe University
2016: Associate Professor, Faculty of Agriculture, Tottori University
2023: Associate Professor, Faculty of Agriculture, Kobe University

**Awards**
2022: New Agriculture and Forestry Society Award
2022: Japan Society of Agricultural Machinery and Food Engineers Award
2016: Ministry of Economy, Trade and Industry Robot Award (Excellence Award)
2016: Agricultural and Food Engineering Society Forest Technology Award
2014: Agricultural and Food Engineering Society Kansai Branch Award
2010: Agricultural Machinery Society Kansai Branch Encouragement Award
2000: CIGR2000 Best Paper Award

For more than 25 years, I have been working on precision agriculture as a research theme, with field producers, private companies, local governments, the Ministry of Agriculture, Forestry and Fisheries, and the National Agricultural Research Organization (NARO). Nowadays, the name "smart agriculture" is being used to describe this research, which is being implemented in society. The theme that I am working on as a tenet of my research is "the establishment of agricultural data sets that have a high affinity with farmers' senses. I am conducting research to analyze data in a way that is easy for farmers to understand by mapping the goodness or badness of work and the environment based on sensor data. I am studying as a community member of OFE within ISPA with the idea of realizing data-driven agriculture through farmers' proactive use of information. As specific research topics, we are developing (1) smart agricultural machinery for rice paddy cultivation and (2) ICT-based cultivation support systems for fruit tree horticulture, with a focus on Asia, and are conducting research with the hope of contributing to the spread of precision agriculture in Asia and Oceania.