



**Dr. IIZUMI Toshichika, NARO
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Profile

Dr. IIZUMI Toshichika is a Principal Scientist of the Institute for Agro-Environmental Sciences, NARO since 2020. As an agricultural meteorologist, he has been actively working on the assessment of climate change impacts and adaptation in global cropping systems. To this end, his research includes seasonal preharvest crop forecasting, climate impact attribution, global gridded crop modeling, statistical climate downscaling and bias-correction, and compilation of global gridded cropping system datasets. He is a developer of the global gridded dataset of historical yields of major crops, which is a fundamental dataset for studying climate-yield relationships at the global scale. He was received his Ph.D. in Science from the University of Tsukuba in 2007, after completing the training in the master course of agricultural economics and the Ph.D. course of atmospheric science. 20 of his papers are cited in the Sixth Assessment Reports of Working Groups I and II of the Intergovernmental Panel on Climate Change. He was awarded the Japan Society for the Promotion of Science (JSPS) Prize in 2023.