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Prof. Wanger is a Group Leader with AgroScope, Switzerland and an Adjunct Full Professor with the Academy of Global Food Economics and Policy, Beijing, China. Together with his teams he has led the first global assessment of diversified rice production benefits for the environment and socioeconomy, developed AI tools for environmental monitoring & education, and advised the Chinese central government on how to link diversified agriculture with technology for food security. He also ran multiple UN Food System Summit Dialogues to understand how to best support farmers in China, Indonesia, Madagascar and Brazil in mitigating climate change impacts through technology. He has established two global research platforms, the Global Agroforestry Network on cocoa, coffee, and rubber research and the China Rice Network on diversified rice production. His team at AgroScope together with colleagues at ETH leads the development of the Swiss Plant Phenotyping Network.

Previously, Prof. Wanger was an Associate Professor at Westlake University in China and a Visiting Professor at the University of Luxembourg. He is an invited member of the Commission of Ecosystem Management of the IUCN, and a member of the Agroecology Coalition. Prof. Wanger received his PhD in Environmental Sciences from the University of Adelaide, Australia in 2011 and did postdocs at Stanford University, the Swedish Agricultural University, and the University of Göttingen in Germany. He has received multiple awards for scientific excellence, his work has been cited over 12,000 times, and is published in leading journals including Science and Nature. Besides his career in research, Dr. Wanger held senior management positions in the private sector and he founded ecoNect Ltd, a spin-off company from his lab that brings applied AI tools to environmental research and education customers globally. Dr. Wanger is also a regular keynote speaker at high level conferences and available as a consultant for topics around sustainable agriculture, agroforestry, and AI.