This book features a comprehensive foresight assessment, exploring the pressures — threats as well as opportunities — on the global agriculture & food systems between now and 2050. The overarching aim is to help readers understand the context, by analyzing global trends and anticipating change for better planning and constructing pathways from the present to the future by focusing on the right questions and problems. The book contextualizes the role of international agricultural research in addressing the complex challenges posed by UN 2030 Agenda and beyond, and identifies the decisions that scientific leaders, donors and policy makers need to take today, and in the years ahead, to ensure that a global population rising to nine billion or more combined with rising incomes and changing diets can be fed sustainably and equitably, in the face of the growing climate threats.

Readership: Researchers and policymakers interested in global food security, agriculture and food systems, agri-businesses and policies.
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About the Editors

Rachid Serraj joined the ISPC Secretariat in 2012, coming from ICARDA where he served as director of the research program on diversification and sustainable intensification of production systems (DSIPS). He is a crop scientist with a broad production systems background, having worked for more than 30 years with national and international research organizations. He holds a PhD from the University of Montpellier, and has published more than 200 scientific publications on a wide range of topics. Before ICARDA, he worked as professor at the University of Marrakech, as visiting research associate with USDA and University of Florida, as principal crop physiologist at ICRISAT (India), Technical Officer with the joint FAO-IAEA Division in Vienna (Austria), and at IRRI (Philippines) as leader of the rice drought frontiers research. He has trained dozens of graduate students and postdocs, and serves on several international scientific panels and editorial boards. His research interests include crop adaptation to abiotic stresses and climate change, and sustainable natural resource management in unfavorable environments.

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