

Special Issue

Assessing Crop Yield and Risk for Sustainability

Message from the Guest Editors

Climate change, critical biodiversity losses, and water scarcity are among the largest challenges that humanity has been facing in recent years. Agricultural production, as the primary activity in provisioning human food, is both impacted by and contributes to these problems. This Special Issue aims at exploring the role of crop modelling for risk and impact assessments of cropping systems. Expected contributions deal with advances in methods for risk, impact, and tradeoff analysis, including scenario design and model output analyses; advances in data aggregation and model upscaling methods; yield forecasting systems; and integrated assessment modelling. Contributions that address knowledge transfer from crop modeling to policy makers and other stakeholders are particularly welcome.

Guest Editors

Prof. Dr. Fabian Capitanio

Prof. Dr. Felice Adinolfi

Prof. Dr. Pier Paolo Miglietta

Deadline for manuscript submissions

closed (28 February 2022)



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Editor-in-Chief

Prof. Dr. Marc A. Rosen

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