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About the book

Climate change is a key threat to agriculture. Modelling is fundamental to assessing its potential impacts. This collection summarises the wealth of research on improving climate impact models and their use in assessing impacts on different regions.

The book also reviews research on developing models in areas such as improving data flows, incorporating genetic information and dealing with uncertainty.

About the editor

Dr Claas Nendel heads the Research Group on Landscape Modelling at the Leibniz Centre for Agricultural Landscape Research (ZALF), Germany. Dr Nendel is the Past President of the European Society of Agronomy and hosted, among other events, the first International Crop Modelling Symposium in Berlin in 2016. He is principal developer of the MONICA model.

Modelling climate change impacts on agricultural systems

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Modelling climate change impacts on agriculture

Edited by: Professor Claas Nendel, Leibniz Centre for Agricultural Landscape Research (ZALF), Germany

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