



## Machine Learning Applications in Digital Agriculture

Guest Editors:

**Prof. Dr. Thomas Scholten**

Eberhard Karls University  
Tübingen, Soil Science and  
Geomorphology, Rümelinstraße  
19-23, D-72070 Tübingen,  
Germany

thomas.scholten@uni-  
tuebingen.de

**Dr. Ruhollah Taghizadeh-  
Mehrjardi**

Eberhard Karls University  
Tübingen, Soil Science and  
Geomorphology, Rümelinstraße  
19-23, D-72070 Tübingen,  
Germany

ruhollah.taghizadeh-mehrjardi@  
mnf.uni-tuebingen.de

**Dr. Karsten Schmidt**

Eberhard Karls University  
Tübingen, Soil Science and  
Geomorphology, Rümelinstraße  
19-23, D-72070 Tübingen,  
Germany

Karsten.Schmidt@uni-  
tuebingen.de

### Message from the Guest Editors

Dear Colleagues,

Machine learning—the scientific field that gives machines the ability to learn without being strictly programmed—can make agriculture more efficient and effective. An increasing amount of sophisticated data, from remote sensing and especially from proximal sensing, make it possible to bridge the gap between data and decisions within agricultural planning. On-demand representative sampling and modeling of useful soil information in an unprecedented resolution leads to an improvement in the decision-making processes of, for example, liming, irrigation, fertilization, higher productivity, reduced waste in food, and biofuel production. This Special Issue on Machine Learning Applications in Digital Agriculture provides international coverage of advances in the development and application of machine learning for solving problems in agriculture disciplines like soil and water management. Novel methods, new applications, comparative analyses of models, case studies, and state-of-the-art review papers on topics pertaining to advances in the use of machine learning in agriculture are particularly welcomed.

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### **Prof. Dr. Peter Langridge**

School of Agriculture, Food and  
Wine, University of Adelaide,  
Urrbrae SA 5064, Australia

## Message from the Editor-in-Chief

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*Agronomy*  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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