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Machine Learning in Soil and Environmental Science

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Message from the Guest Editors

This Special Issue covers a wide variety of subjects for applications of machine learning techniques in environmental problems, and aims to be a forum for researchers to publish their recent studies into this crucial area by focusing on: (i) proposing more accurate and reliable modeling methodologies; (ii) improving the accuracy of conventional methods and/or environmental impact assessments; and (iii) establishing a knowledge-based decision support tool through integrated machine leaning-based answers to both quantitative and qualitative environmental issues. Relevant topics include, but are not limited to, the following areas:

- Water resource management;
- Environmental and biological conservation;
- Remote sensing and geographic information systems;
- Pollution prevention and remediation;
- Energy and climate change;
- Agroforestry;
- Solar system;
- Aquatic/marine biology;
- Soil ecology;
- Earth systems.