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# **Sensors in Environmental Engineering**

Guest Editor:

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## **Message from the Guest Editor**

Recently, improving the sophistication of environmental engineering research has become an urgent issue, such as through the use of high-resolution and high-speed monitoring, analysis and inference, evaluation and visualization, and collaboration with computer science and information and communication technology, which is indispensable. Therefore, this Special Issue solicits and discusses a wide range of academic research results related to environmental engineering, using each or a combination of several emerging technologies: sensors, deep learning, and virtual and augmented reality.

# **Keywords**

- architectural environmental engineering
- urban environmental engineering
- global environmental engineering
- environmental monitoring
- environmental simulation and visualization
- environmental design
- remote sensing
- modeling, simulation, and analysis
- artificial intelligence (AI), machine learning (ML), and deep learning (DL)
- virtual, augmented, mixed, and diminished reality (VR/AR/MR/DR)
- digital twin and metaverse
- smart cities, smart buildings
- Internet of Things (IoT), big data
- drone



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# **Message from the Editor-in-Chief**

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