Special Issue

Data Analytics and AI Techniques in Remote Sensing

Message from the Guest Editors

Data analytics enables us to discover meaningful patterns, draw conclusions, and support decision making by using various techniques and tools to uncover insights from structured and unstructured data through the process of examining, transforming, and modeling data. Artificial Intelligence, often abbreviated as AI, refers to the simulation of human intelligence using AI systems. These systems often use machine learning and deep learning techniques to support reasoning, problem solving, perception, and decision making. Data analytics and AI can be integrated such that AI-based data analytics can analyze vast datasets more quickly and accurately. AI-driven analytics can also provide better predictive insights when predicting future trends, assessing risks, and detecting anomalies. While this Special Issue welcomes the submission of original contributions in the broader area of advancing remote sensing capabilities using data analytics and AI methods, we are especially interested in publishing novel work in harnessing the power of AI techniques to improve data analytics for remote sensing applications

Guest Editors

Dr. W. David Pan

Department of Electrical and Computer Engineering, University of Alabama in Huntsville, Huntsville, AL 35899, USA

Dr. Conrad M. Albrecht

TUM School of Engineering and Design, Technical University of Munich, München, Germany

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Remote Sensing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

Dr. Prasad S. Thenkabail
Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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