



Data Analytics and AI Techniques in Remote Sensing

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Deadline for manuscript
submissions:

closed (30 April 2024)

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





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