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Deep Learning and Soft Computing in Remote Sensing

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Message from the Guest Editors

Deep learning (DL) and SoftComputing (SC) technologies are creating many new real-world applications in broad areas of science such as in remote sensing (RS). These new innovative applications of DL and SC learning approaches to complex systems for RS have increased in the last few years. Specifically, remotely sensed data can provide the basis for timely and efficient analysis in several fields, such as land usage and environmental monitoring, cultural heritage, archaeology, precision farming, and the monitoring of human activity, among many scenarios of interest in RS.

Specifically, this Special Issue (SI) is focused on research that addresses real-world RS problems by using novel approaches from both DL and SC paradigms. Therefore, the purpose of this SI is to broadly engage the communities of RS, DL, and SC together in order to provide a forum for researchers and practitioners interested in this rapidly developing field, and share their novel and original ideas regarding the scope of this SI. Additionally, survey papers addressing relevant topics of DL and SC applied to RS are also welcome.

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Message from the Editorial Board

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.

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