



Deep Learning for Remote Sensing Image Classification II

Guest Editors:

Dr. Sidike Paheding

Department of Applied
Computing, College of
Computing, Michigan
Technological University, 1400
Townsend Drive, Houghton, MI
49931, USA

spahedin@mtu.edu

Dr. Ashraf Saleem

Department of Applied
Computing, College of
Computing, Michigan
Technological University, MI, USA

ashraf@mtu.edu

Deadline for manuscript
submissions:

31 January 2023

Message from the Guest Editors

Dear Colleagues,

In recent years, we have been witnessing the tremendous success of deep learning in diverse research areas and applications, ranging from natural language processing, health care, wide-area surveillance, network security, and precision agriculture. The significance of deep learning in remote sensing image analysis has also been observed and is continuously being increased. Thanks to the rapid advancement of sensors, including high-resolution RGB, thermal, Lidar, and multi-/hyper-spectral cameras, and emerging sensing platforms, such as satellites and aerial vehicles, remote sensing image scenes can now be captured by multi-temporal, multi-sensor, and provide a wider view of sensing devices. This undoubtedly facilitates remote sensing research fields, and, at the same time, introduces challenges. These challenges not only bring difficulties for image analytics and interpretation but also demands more advanced computational methods. The objective of this Special Issue is to provide a forum for cutting-edge research works that address the ongoing challenges in remote sensing image classification.

