

Special Issue

Terrestrial & Satellite Communication Networks

Message from the Guest Editors

The integration of terrestrial and satellite communication networks, as a promising network architecture of future 6G, is indeed gaining significant attention due to its expansive coverage, seamless connectivity, and ability to facilitate collaborative interactions across different domains. This integration is propelling the development of networks towards 6G on-demand services, thereby expanding and enhancing the breadth and efficiency of these services. However, such integration introduces challenges of network heterogeneity and the diverse demands of services, which necessitate efficient management of multi-dimensional resources in both terrestrial and satellite networks. This Special Issue aspires to delve into the challenges brought forth by network heterogeneity and the diversification of business requirements in future terrestrial and satellite communication networks. The themes can encompass anything from network architecture design to granular issues. Thus, research on resource management and allocation strategies, the integrated design of sensing and communication, and physical layer security algorithms within integrated satellite-terrestrial networks are welcome.

Guest Editors

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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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