Special Issue

Remote Sensing of Arctic Tundra

Message from the Guest Editors

Arctic tundra ecosystems are undergoing dramatic changes resulting from the inter-related dynamics of climate, sea-ice, snow cover, permafrost, and terrestrial disturbances (e.g., fire, thermokarst, landslides, and industrial and civil infrastructure). Changes in the tundra surface properties of vegetation, water (e.g., lakes and ponds), and soil are crucial for projecting feedbacks to climate, yet are challenging to capture in the field due to the remoteness of the locations and the need for relatively long-term monitoring. Remote sensing will continue to provide a valuable and insightful approach for examining the patterns and dynamics of arctic tundra surface characteristics in response to environmental factors. We are pleased to announce a Special Issue of the journal *Remote Sensing* on "Remote Sensing of Arctic Tundra". We solicit manuscripts that use the broad array of remote sensing platforms (i.e., handheld, drone, airborne, and satellite) and sensors (e.g., optical, microwave, radar, LiDAR), across spatial, temporal, and spectral resolutions and extents, to examine the patterns and dynamics of arctic tundra systems.

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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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