

Special Issue

Remote Sensing Application for Monitoring Grassland and Forage Production

Message from the Guest Editors

Decision-makers increasingly need to monitor and analyse grassland ecosystems, to make informed decisions. Modern information technologies, such as Remote Sensing (RS) and Geographic Information System (GIS) technologies, can facilitate efforts in this direction and are increasingly used as tools to assist in inventories, analysis, modelling, and forecasting. However, the small-scale botanical and structural heterogeneity in many grassland systems present challenges creating uncertainty in remote sensing-based evaluation of forage production systems. This Special Issue calls for innovative methods and applications to improve grassland and forage production. The range of topics includes, but is not limited to:

- Fusion of complementary sensor system
- Scaling issues in forage production
- Temporal variability
- Monitoring grassland biomass, nutrient value and biodiversity
- Remote sensing informed management measures

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