Special Issue

Monitoring the Prairie: Applications of Geospatial Research Techniques to the Study of Grassland and Prairie Environments

Message from the Guest Editors

Prairies and other forms of grassland environments are among the most widespread of Earth's biomes, and represent the native assemblage of plants and animals for roughly a third of the land area on the planet. Dynamic and responsive systems, they also present an opportunity to identify early warning signs of ecosystem change, in response to global environmental shifts, such as climate change, rising atmospheric CO2, increased nitrogen deposition, and alterations in land use or management practices. This Special Issue of *Applied Sciences*, "Monitoring the Prairie", seeks to compile recent scholarly research that applies remote sensing, GIS, data analytics, or image processing to the study of grasslands and prairies, with the goal of furthering our understanding of how prairies, as representative ecosystems, respond to multiple factors of global change and interact with human systems. We cordially invite contributions for this Special Issue. Detailed information can be found at: https://www.mdpi.com/journal/applsci/special_issues/Monitoring_Prairie

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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