Special Issue

Carbon Sequestration and Storage in Grasslands and Woodlands

Message from the Guest Editors

Climate change is now accepted as one of the major current challenges facing humanity. A key question with regard to mitigating climate change is how we can secure current carbon stocks stored in soil and whether there is potential to increase terrestrial carbon stocks in vegetation (e.g., trees) but also, more importantly, in soil.

This Special Issue on carbon sequestration and storage in grasslands and woodlands covers the two most expansive ecosystem types globally with high carbon storage potential. We welcome research quantifying carbon stocks or carbon sequestration potential in different ecosystem types ranging from the boreal forests to tropical forests, and from arid steppe to moist temperate grasslands. In addition, we particularly welcome research aimed at understanding how management of grassland and woodland impacts soil carbon sequestration and storage. We also welcome insights in areas of partial tree cover or mixing grassland with tree cover, such as wooded pasture, hedgerows, agroforestry, dehesa, and savannahs.

Keywords
climate change mitigation
net zero
soil carbon
sustainability

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Deadline for manuscript submissions

closed (20 December 2021)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/89538

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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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