

Special Issue

Sustainable and Innovative Utilization of Common Reed (*Phragmites Australis*) in the Bioeconomy

Message from the Guest Editors

Common reed (*Phragmites australis*) is a worldwide-spread wetland plant with a high biomass potential and plant features that can turn it into a valuable renewable resource for multiple purposes. Traditional utilizations, like its use for thatching in Europe or for pulp and paper production in China, are still common; however, research and development is exploring new innovative utilization options, for instance, for advanced building materials, biofuels, biogas, and bioplastics. Securing the resource base, employing cost-efficient and environmentally friendly harvesting technologies, establishing profitable supply and values chains, and raising consumer acceptance are just a few of them. Furthermore, there are different social and ecological contexts in which the utilization of reed is embedded. This SI focuses on the sustainable and innovative utilization of reed biomass in the bioeconomy. In particular, we encourage papers on the organization of supply chains, the acceptance of final consumers, sustainable harvesting techniques, property rights and governance structures, and governmental regulations of the utilization of common reed in the bioeconomy.

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2020)



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