

Special Issue

Biomass Crop Production, Management, and Ecophysiology

Message from the Guest Editor

Biomass crops are increasing in importance and area around the world. There is a consensus that the demand for biomass crops as a source of energy will increase rapidly in an attempt to meet the mandated reduction of fossil fuel use in many countries. Numerous species have been evaluated as feedstocks for energy production. Biomass crops include perennial and annual grasses, legume, and oilseeds, and examples of specific biomass crops include switchgrass, miscanthus, reed canarygrass, forage sorghum, giant reed, rapeseed, camelina, jatropha, etc., though research into other crops with regard to the production of renewable energy is also of interest to this Special Issue. We welcome novel research and reviews covering all related topics in biomass crops, including crop genetics and improvement, production management, soil fertility and microbiology, soil-plant interaction, biodiversity, crop physiology, phytoremediation, integration of biomass crops into food cropping systems, growing biomass crops in marginal land, modeling, lifecycle assessment, economics and marketing, and policy.

Guest Editor

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