Organized Session 17

Eco-friendly Technology for Food and Biomass Utilization

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Concept of Organized Session

In this organized session, we will present and discuss cutting-edge research on the effective utilization of food and biomass, especially eco-friendly technologies that reduce the environmental burden for a sustainable planet. Regarding food, approx. 4 billion tons are produced annually in the world, yet only about half of that amount is ever consumed. Part of it is lost by inefficient harvesting, storage, and transportation, while the rest is wasted by markets or consumers. In addition, there are tons of different biomasses including wood residues, energy crops, agricultural residues, and animal wastes, and there are still many issues that need to be resolved in terms of biomass utilization, collection, transportation, etc. This session aims to exchange knowledge and discussion the eco-friendly utilization of various biomass types.

**Keywords:** biomass, food, utilization, sustainability