Special Issue

Alley Cropping—Agroforestry Systems

Message from the Guest Editors

Agroforestry systems are often described as sustainable practices to mitigate and adapt to climate change, avoid nutrient losses, and to preserve and enhance biodiversity and soil functions—in short, to increase ecosystem services. Especially in terms of climate change, the establishment of agroforestry systems has been proposed to enhance microclimate with the effect of an optimized water supply. Modern agroforestry systems are mostly designed as alley cropping systems to produce woody biomass (for energetic utilization or quality wood) by integrating parallel strips of trees into conventional agricultural sites (arable land and grassland) using conventional machinery. In recent years, many different alley cropping systems have been developed worldwide, and many research studies have been conducted. This Special Issue intends to provide insight into these research activities and to show the diversity of alley cropping systems and their ecosystem functions. Therefore, research articles, reviews, short notes, and opinion articles are welcome.

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