Research on Tree Species Discovery, Distribution and Conservation

Guest Editor:

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Message from the Guest Editor

Dear colleagues,

Trees are the most important plants in terrestrial ecosystems from biomass point of view. They are often considered an umbrella, flag or key stone species. Trees are very popular, well-known and managed in forestry or horticulture; surprisingly, however, there are gaps in our knowledge of many species regarding their biology, distribution, population ecology, and threats. Thus, this Special Issue is focused on new tree species discovery, survey of area of distribution, population size and variability (including new taxa on subspecies level identification), and threat assessment. Tree breeding and domestication leading to the emergence of new varieties, hybrids and cultivars and last but not least, tree species conservation measures are the subjects of interest.

Potential topics include, but are not limited to, the following:

- Identification, description of new taxa (species, subspecies, varieties, ecotypes);
- Breeding and domestication of tree species (cultivars, hybrids);
- Current and future distribution including shift of distribution;
- Morphological and genetic variability within tree species populations;
- Threat assessment;
- Conservation measures.

Special Issue

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