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Biology, Diagnosis and Management of Forest Phytoplasmas

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Message from the Guest Editor

Forest plant ecosystems are economically important for timber industry, food industry (wild berries), pharmacy (medicine plants) etc. Plant-pathogenic phytoplasmas can cause serious plant diseases, affecting natural ecosystems and plant biodiversity. Phytoplasmas can be spread from wild forest plants to agricultural plants and vice versa by phloem-feeding insect vectors, mainly leafhoppers, planthoppers, and psyllids. Furthermore, global warming introduces insects and diseases to new geographic locations.

Potential topics include, but are not limited to:

- Forest pathology—phytoplasma-caused diseases of forest plants, including trees, shrubs, wild pome, stone, small fruit, nuts, and medicinal plants, and other wild forest herbal plants;
- Urban forests and phytoplasmas;
- Forest entomology—phytoplasma insect vectors;
- Phytoplasma diseases and forest ecology, management, and restoration;
- Phytoplasma diseases and climate change impacts, adaptation and mitigation in forests.



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Special Issue



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