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Prevention and Control of Forest Diseases

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Message from the Guest Editor

While outbreaks of aggressive forest diseases are increasing worldwide, conventional methods for controlling them are being banned due to their negative environmental impact. Therefore, there is an urgent need to find and apply alternative and environmentally friendly methods for reducing the impact of pathogens in forest ecosystems. The combination of an array of different strategies, such as prevention, biological control, physical methods, or eco-friendly chemical products that are able to increase forest resilience against pathogens or to reduce pathogen pressure. In the context of integrated control, strategies for the prevention of the spread or the accidental introduction of aggressive pathogens take on special relevance. This Special Issue is seeking contributions on all aspects of prevention and control of forest pathogens. For instance, we welcome works on biological control, biostimulators or inductors of resistance, antimicrobial natural extracts, prevention measures, detection of pathogens, forest management to enhance forest resilience, and traditional and genomic-assisted breeding for resistance against pathogens.



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