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DNA Barcoding for Species Identification of Forest Organisms

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

About one-third of Earth's land surface is covered by forests. Forest plants clean the atmosphere by absorbing carbon dioxide and releasing oxygen via photosynthesis, as well as providing humans with food and other valuable materials. Forests are the most biologically diverse ecosystem on our planet, home to 80 percent of terrestrial plants, animals, and insects; however, their biodiversity hotspots remain largely unexplored. With rapid deforestation caused by human activity and climate change, much of the forest's biodiversity fund is being lost. Hence, it is urgent to describe and protect forest organisms. This Special Issue aims to publish articles describing the forest biodiversity hotspots of poorly studied geographical areas and addressing nature-based solutions for their conservation. We welcome articles that analyze the biodiversity of forests using DNA barcoding analysis, currently considered a rapid and reliable tool for species identification, evolution, and biodiversity monitoring.

Dr. Dilnora E. Gouliamova

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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