



**1. Title**

Advances in Quantifying Forest Soil Processes and Functions

**2. Type**

Commission Symposium: Comm. 4.1-Soils and Environment

**3. Organizer(s) & Convener**

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**4. Rationale**

There are significant advances in innovative approaches and advanced technologies for assessing the impacts of major biological and non-biological factors on important forest soil processes and functions under different management practices and climate change.

**5. Objectives**

To present the recent developments and applications of innovative approaches and advanced technologies for assessing the impacts of major biological and non-biological factors on important forest soil processes and functions under different management practices and climate change.

**6. Description**

This symposium will present the recent developments and applications of innovative approaches and advanced technologies for assessing the impacts of major biological and non-biological factors on important forest soil processes and functions under different management practices and climate change. There will be focuses on improving our understanding and management of critical links between these biological and non-biological factors, particularly in the context of interactive links between below-ground and above-ground processes in response to climate change and mitigation strategies.

