

EGFSL PhD Board members and their expertise.

Docente	Main Specific Scientific Expertise.	Cross-disciplinary themes and methodologies for which the faculty member is a potential point of contact for guidance, suggestions, and connections.
Marco Togni	Quality and physical/mechanical characterization of structural wood, derived products, and ancient wooden structures.	Properties of materials. Physical and mechanical characterization of materials through non-destructive static and dynamic tests, mechanical tests, and physical tests.
Davide Travaglini	Monitoring, management, and planning of forest resources.	Remote sensing and laser scanning systems for forest monitoring. New approaches and developments in forest management and planning; Relationships between silviculture, forest management, and ecosystem services.
Claudia Coccozza	Study of functional responses of tree and forest species to abiotic stress conditions (e.g., water availability, salinity, pollution).	Dendrochronological and dendrochemical methodologies; monitoring with sensors installed on the stem for continuous characterization of plant functions.
Claudio Fagarazzi	Assessment of regulating and cultural Ecosystem Services. Economics of biomass-energy supply chains.	Monetary valuation methods for ecosystem services. Geographic multicriteria models for the evaluation of regulating and cultural Ecosystem Services. Sustainable planning models for energy resources.
Marco Fioravanti	Structure and ultrastructure of wood, physical and mechanical characterization of wood and wooden cultural heritage, national and international regulations.	Study of complex systems and the transdisciplinary paradigm. IoT and AI technologies applied to the characterization of wood and wooden cultural heritage. Traditional knowledge systems and sustainable enhancement of territorial systems.
Erico Marchi	Research in the field of forest utilization. Techniques and technologies for wood harvesting, work science, product quality, health and safety, environmental impacts, efficiency, logistics, infrastructure..	Work time and productivity, risk assessment, soil sample processing, studies on stress and strain.