



FAKULTETI I SHKENCAVE PYJORE FACULTY OF FORESTRY SCIENCES

Research Activities at the FACULTY OF FORESTRY SCIENCES Tirana, Albania



FAKULTETI I SHKENCAVE PYJORE FACULTY OF FORESTRY SCIENCES

- ❑ Faculty of Forestry Sciences (FSHP) in Tirana has been established in November 1959
- ❑ Faculty has today two departments namely Department of Forestry and Department of Wood Industry
- ❑ Faculty employs an academic staff of 34 people and 80% of them hold an PhD or higher degree
- ❑ FSHP offers for around 1400 students two B.Sc. and two M.Sc. study programs as full or par-time programs



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- The academic staff of the Faculty has to allocate at least 30% of the working time to research activities
- Research activities are organized on the basis of so called “Research Groups” (RG)
- Each RG has its own research priorities, which should be in line with the Faculty ones



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Research Group of Silviculture

- Ecological and silvicultural aspects of oak coppice stands
- Silvicultural aspects of fast growing plantations
- Afforestation/reforestation of highly degraded terrains
- Methodological aspects of biodiversity assessment in forest areas



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Research Group of Forest Management and Forest Mensuration

- Community-based management of oak coppice forests
- Integrated management of watersheds
- Applications of GIS in Forest Management
- Dendrochronological studies related to climate change
- Impacts and mitigation of forest fires
- Biomass functions for most important forest species



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Research Group of Forest Harvesting and Mechanization

- Optimal intensity of thinning operations in young stands
- Environmental impacts of harvesting operations
- Ergonomic aspects of forest operations
- Technical aspects of forest biomass production



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Research Group of Forest Economics and Forest Policy

- Sustainability aspects of communal forestry
- Payments for environmental services
- Economic evaluation of social functions of forestry
- Marketing of non wood forest products
- Social economic impacts of forestry projects



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Research Group of Wood Study

- Mechanical properties of timber
- Chemical treatment of wood and influences in mechanical properties

Research Group of Primary Processing of Wood

- Productivity increase of dimension parts production lines
- Pollution problematic in primary processing wood industry



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Challenges for the future

- Increasing research funding (specially from national sources)
- Urgent need for investments in R&D infrastructure
- Technology transfer & innovation