Faculty of Forestry
University of Sarajevo

www.sfsa.unsa.ba
The Faculty of Forestry Sarajevo (SUFASA) for 70 years it has been growing over its history, developing capacity, facilities, operational processes, and quality assurance, mechanisms for graduate studies, research and creative activities.

1948 1949
First generation
Founded
Faculty of agriculture and forestry

1949
First generation

1951
Faculty of Forestry

1991
Department of Horticulture

1996
70th Anniversary

2018
70th Anniversary

International Symposium
„People – Forest – Science“
October 10-12, 2018
Sarajevo, Bosnia and Herzegovina
On the Occasion of 70th Anniversary of the Faculty of Forestry, University of Sarajevo
Background

• Division into two departments (Forestry and Horticulture)
• Further division 6 chairs (Forest Economics, policy and organisation, Forest protection and protection of Urban greenery, Forest silviculture, Forest utilisation and construction, Forest ecology, Forest management).
• Institute for Forestry and Horticulture
Faculty of Forestry University of Sarajevo educated:
more than 2000 forest engineers
50 masters of forest sciences
40 PhD
Background

- Two graduate programs (BSc in Forestry and BSc in Horticulture),
- Two master programs (MSc in Forest Management, MSc in Landscape Architecture)
- One PhD study program in forestry and horticulture.

3+2+3
Academic staff

Academic staff: 35
- Professor: 11
- Associate professor: 11
- Assistant professor: 5
- Teaching assistants: 8

Limited in technical staff members
15% administration staff
Research priorities

• Main activities of our institution are education and research in the field of forestry, urban forestry and horticulture (economics and policy, planning and management, ecology, silviculture, seedling, nursery and afforestation, utilisation and forest communications, and protection).
Forest research domain

• Impact of recent climate changes on forest ecosystems
• Techniques in silviculture, Green-infrastructure
• Conversion of depredated forests
• Re-forestation of extreme forest stands
• Monitoring service in forest protection
• Research and design of erosion control and sanitation methods on forest roads and slopes
• Research of environmentally sound forest road planning, design and construction in steep terrain
• Soil degradation prevention, soil protection, soil restoration
List of available infrastructures

• Training centre Čavle-Igman mnt.
• 30 km from Centre of Sarajevo
• 20 km from the Airport,
• 3 km from Virgin Forest
Laboratories and equipment

- Alpinetum „Trebević“
- Arboretum „Slatina“

Founded 1948.
Laboratories and equipment

• DNA laboratory (molecular markers in genetic studies, forest pathology, entomology and wild life organisms),
• Laboratory for Chemistry, Plant Physiology and Soil
• Laboratory for Forestry protection (Entomology and Plant pathology),
Laboratories and equipment

• GIS laboratory,
• Laboratory for seed quality analyses,
• Herbarium,
• GPS, GIS, and other measuring instruments for Inventories
• Resistograph (RINTECH),
• Rinntech Schalltomograph ARBOTOM...
Forest and Urban Landscape Ecology

- Quantification of organic matter in soil and biosphere;
- Laboratory analysis of soil and plant material
- Pedology (chemistry, physics, soil biology)
- Phytocenology, typology and plant ecology
- Biodiversity (type and level of ecosystem)
- Morphological, anatomical and molecular-genetic detection
- Forest monitoring and preparation of impact assessments on forest ecosystems (ICP Forest Program - Level 1 and Level 2)
- Study of protected areas of nature
- Urban forestry, green infrastructure
Sorbus bosniaca

CITATION

POPULATION TREND
Unknown

NUMBER OF MATURE INDIVIDUALS
343

GEOGRAPHIC RANGE

EXTANT (RESIDENT)
Soil Organic Carbon Response to Gap Formation in Mountain Forests - GAPSOC

Scientific and technological cooperation between Bosnia and Herzegovina and the Republic of Austria in 2019 and 2020 co-financed by OeAD (Österreichische Austauschdienst)-GmbH

Vienna, February 7th 2019

- Home institution: Institut für Waldökologie, BOKU, Wien
- Partner institution: University of Sarajevo, Faculty of Forestry, Sarajevo
- Partner institution: Slovenian Forestry Institute, Ljubljana
- Home project coordinator: Mathias MAYER
- Partner project coordinator: Emira HUKIĆ
Main past and current projects

- 2012-2015, IPA Adriatic CBC Program, Adriatic Model Forest (AMF-2°ord/0085)
- 2102-2016, COST Action FP1203 - European non-wood forest products (NWFPs) network
- 2102-2016, COST Action FP1204 - Green Infrastructure approach: linking environmental with social aspects in studying and managing urban forests (GreenInUrbs)
- 2102-2016, COST Action FP1207 - Orchestrating forest-related policy analysis in Europe (ORCHESTRA)
- 2012-2016, COST Action TA 1201 - Gender, Science, Technology and Environment (GenderSte)
- 2012-2015, Faculty of Forestry University of Sarajevo, Harmonization of Forest Policy in the Federation of B-H with EU Requirements
- 2012-2014, WWF European Policy Office, Promotion responsible forest management to support sustainable development in Bosnia-Herzegovina
- 2013-2018, COST Action FP1305 - Linking belowground biodiversity and ecosystem function in European forests (BioLink)
- 2016-2020, COST Action CA15226 - Climate-Smart Forestry in Mountain Regions

ERASMUS+ for Western Balkan KA107 Action
Project no. 2015: 2015-1-DE01-KA107-002104
Project no. 2016: 2016-1-DE01-KA107-002484

The Hochschule für Wirtschaft und Umwelt Nürtingen-Gleislingen (HfWU) and Weihenstephan-Triesdorf University of Applied Sciences
- ERASMUS+ KA107 Action KA107 Action
Project no. 2017-1-IT02-KA107-036278

Università degli Studi della Tuscia – I VITERBO01
• Evaluation of bark beetle outbreak – Forestry Programme in Bosnia-Herzegovina -Phare, (1998);
• Preparation of a Multi Country Forestry Programme, -Phare project, (1999);
• “Morphological differentiations between populations of Pinus heldreichii Christ (Bosnia Pine) in Bosnia, Kosovo and Albania”- STABILITY PACT FOR SOUTH EASTERN EUROPE and DAAD;
• “Modélisation de l'expansion d'un ravageur urticant liée au réchauffement climatique” (ECONET 21339RD);
• Forest management planning study- Phare Project (2000)
• Identifying og High Conserravtion Value Forests (HCVF) in Bosnia-Herzegovina;
• Pathway Evaluation And Pest Risk Management In Transport (PERMIT)- COST FP 1002;
• Building capacity to met the challenges of multi- level democracy the case of species with trans boundary populations (2008-09);
• Re-creation of Balkan net, a network of conservation bodies 2008-2009 sharing continous large carnivore populations;
• European Masters Program in Management of Ecological and Sustainable Tourism,
• FOPER

• 2014 – **LE:NOTRE Landscape Forum** | May 25th-28th 2014 | Sarajevo BiH
• 2015 – THE URBAN LANDSCAPE OF SARAJEVO - RECOVERING TREBEVIĆ MOUNTAIN | May 2015 | Sarajevo BiH
• 2016 – ALTERNATIVE FUTURES FOR SARAJEVO POLJE | March 13th-19th 2016 |
• Sarajevo BiH
• 2017 – SARAJEVO UNIVERSITY CAMPUS: THE POWER OF OPEN SPACE | October 13th – 23rd 2017 | Sarajevo BiH
• 2018 – GENIAL GREEN INFRASTRUCTURE LEARNING NETWORK | February 2nd 2018 |
• ERASMUS + Capacity Building in the Field of Higher Education 2018
Transnational collaborations (European and international)

- Members of SILVA network.
- The primary objective of the SILVA Network is to stimulate and facilitate educational co-operation in the field of Forestry in Europe.
- The secondary objectives will be realised at four levels:
  - **Students**: to make it possible for students to carry out part of their studies abroad
  - **Teachers**: to stimulate and facilitate sojourns of teachers abroad
  - **Curriculum**: to encourage the exchange of information on the development of curricula and the development of joint curricula
  - **Courses**: to stimulate and facilitate the development of joint courses
List of Institutes with active cooperation

• EFI – European Forestry Institute,
• Croatian Forestry Institute- Jastrebarsko,
• Slovenian Forestry Institute- Ljubljana,
• Institute of Lowland Forestry and Environment- Novi Sad,
• Institute of Forestry- Belgrade,
• INRA- France,
• Di.V.A.P.R.A- Torino,
Thank you!