

REFERENCES

Research and development activities at SFI are carried out in the frame of national and international project, the Research Programme Forest Biology, Ecology and Technology, through activities in the frame of Public forest service and Environmental Service.

SFI has strong connection to different target groups and end users of our research results (research community, forestry industry, wood processing industries, forest owners associations, NGO and others).

SFI performs the Public forest service as the State Authority for approval and recording of the National list of basic material and certification of forest reproductive material and the State Authority for prognostic-diagnostic service (PDP). SFI also has Public authorization for activities of monitoring land use, land use change and forestry (LULUCF) and greenhouse gas emissions and removals.

Within the Public forest service SFI also performs intensive monitoring of forest ecosystems, combines research and professional guidance on monitoring the state of forest devaluation and damage (RPG) and on forest reporting. The Public forest service includes activities on forest seeds and nurseries and forest gene resources (GSD), on forest information system (ISG), preparation of professional bases and proposals for forest work norms and development of sustainable management and forest policy instruments.



Foto: Slovenian Forestry Institute

SFI is also authorized to carry out tasks of plant health and diagnostics of harmful organisms to forests through the decision of the Republic of Slovenia (Phytoprotection Administration of RS). SFI runs the Slovenian forest gene bank, molecular databases, Mycotheca and herbarium SFI, Culture collection of forest pathogens (ZLVG), entomological collection, live collection of forest root symbionts (Collection of Ectomycorrhizal Fungi, CEMF) and national forest inventory and information system for forest health in Slovenia (www.zdravgozd.si).

KEY INTERNATIONAL PROJECTS

EUFORINNO - European Forest Research and Innovation (Infrastructures FP7 Regpot);

EUFORGEN - European forest genetic resources programme;

PEMURES - Penetration of the energy market with up to now unused renewable energy resources (EFRE: SI-AT);

EUFGIS – European information system on forest genetic resources (Agri Gen Res);

BIOMASSTRADECENTRE II - Development of biomass trade and logistics centres for sustainable mobilization of local wood biomass resources (IEE project);

PROFORBIOMED - Promotion of Residual Forestry Biomass in the Mediterranean basin (MED project);

NewFor - New technologies for a better mountain forest timber mobilization (Interreg IIIB project);

MILENIUM - European Climate of the Last Millennium;

ID.WOOD - Clustering knowledge innovation and design in the SEE wood sector;

PINE - Predicting impact on natural ecotones;

ALPFFIRS - Alpine Forest Fire Warning System (Interreg Alpine Space),

MANFRED - Management strategies to adapt Alpine Space forests to climate change risks (Interreg Alpine Space),

EFFMIS - European Forest Fire Monitoring using Information Systems (Interreg IVC);

ManFor C.BD. - Managing forests for multiple purposes: carbon, biodiversity and socio-economic wellbeing,

EMoNFUr - Establishing a monitoring network to assess lowland forest and urban plantation in Lombardy and urban forest in Slovenia;

FutMon - Further Development and Implementation of an EU-level Forest Monitoring System (all Life+ Environment Policy and Governance),

Regiopower - A regional IT-based platform for bringing resource needs and land-based resource production

INTEREST

Scope

Knowledge transfer and capacity building in the field of forest ecosystems, biodiversity, and management, under changing climate conditions.

States

BRIICS, CIVETS, VISTA...;

South East Europe – Albania, Bulgaria, Bosnia and Herzegovina, Croatia, Greece, Macedonia, Montenegro,... Romania, Russia, Serbia, Turkey, Ukraine etc.

North America – Canada, Mexico, USA, ...

South America – Argentina, Brazil, Chile,... Africa – Algeria, Morocco, Nigeria, South Africa, Tunisia,...

Asia and Oceania – Australia, China, India, Indonesia, Iran, Vietnam, New Zealand, Sri Lanka,...

Institution

Research and education (universities) institutions,
National forest services,
Ministries responsible for forestry and environment,
Non-governmental institutions/organizations,
Forestry, environmental, nature and wood research product industries.

The Slovenian Forest Institute (SFI) is organised around six research departments; each of the departments targets a specific topic:

Forest ecology encloses research into the status of forest ecosystems and processes taking place within them, especially.

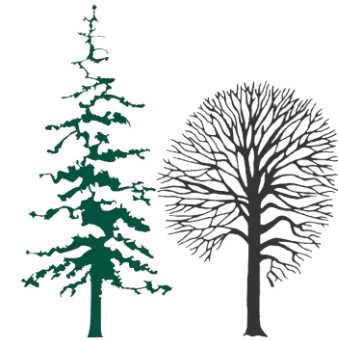
Forest Physiology and Genetics: The work area combines research and professional guidance in forest physiology and genetics, biodiversity and belowground complexity, conservation of forest genetic resources,

Protection of forests: The main priorities are to determine harmful biotic and abiotic factors, predict their occurrence with application of ecological modelling.

Forest silviculture, yield and dendrochronology aims at searching into the growth and yield of forests and studying trees and ecosystems' response to the environmental and climate changes.

Forest engineering and economics study and implement the innovative approaches of sustainable acquisition and use of renewable forest resources.

Forest management, landscape planning and monitoring concentrates on guidance of sustainable development of forests and forest landscape.



SLOVENIAN FORESTRY INSTITUTE

The Slovenian Forestry Institute (SFI) is the main national forest research institute in the field of basic and applied forest research, forest landscape, forest ecosystems, forest health, forestry, wildlife and hunting in Slovenia, which wholesomely target forests biodiversity and their management under changing climate conditions.

CONTACT INFORMATION

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