

The Forest Statistical Information Service

prepares official Finnish forest statistics and develops information production in the forestry section.

www.metla.fi/metinfo/tilasto/

The Forest Damage Information Service

manages service and advisory activities related to forest damage

www.metla.fi/metinfo/metsienterveys/

Commissioned research

is carried on according to customer needs in all areas of expertise of the unit's researchers.

Paths and routes built in research forests

show research and its results in practice

www.metla.fi/va/va-metsat.htm



Further Information

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Vantaa Research Unit

Forest information for future needs



The Vantaa Research Unit produces basic information on ecologically, socially and economically sustainable forest use and, within Metla, takes the principal responsibility for nation-wide service to forest policy makers, the forest economy and its stakeholders.

Research on forests is carried on from the standpoint of biology, technology, the social and economic sciences, and forest tree breeding. As a public authority, the Vantaa Research Unit also has the principal responsibility for a number of tasks such as forest tree breeding and forest statistical information services.

Metla has at its disposal more than 5,000 hectares of research forest in southern Finland. Samples collected from forests are examined in discipline-specific laboratories or in Metla's central laboratory.

The Vantaa Research Unit has a staff of some 300 people, more than 160 of them researchers. In addition, some 50 external researchers take part in the unit's

Functioning of forest ecosystems and forest health includes soil, forest pathology and forest zoology research. Forest health is monitored at the national and international levels.

Impact of climate change on forest ecosystems

Studies provide information on measures for preventing and mitigating climate change and adapting to it

Forest production and forest biodiversity

studies the impact of forest management on wood production and forest biodiversity. Tasks include research on the impacts on growth of long-term climate changes and environmental changes.

Social and techno-economic research

provides information on forest-owner behaviour, forestry entrepreneurship and product marketing, as well as the use of forests for recreational purposes, and the effectiveness of forest and environmental policies.

Bioenergy from forests

This research and development programme studies the ecological, economic, technological and social impacts of energy wood and other forest biofuel harvesting and utilisation as well as new uses for forest biomass.

Forest genetics and forest tree breeding

Research subjects include the genetic structure of tree species, biodiversity and the genetic adaptation of trees to environmental conditions. Forest tree breeding aims at the production of good-quality seeds and seedlings for forest cultivation.

Forest resources, statistics and data system

services are provided as a public authority service and give basic information on the Finnish forestry sector.

The National Forestry Inventory (NFI)

is a forest resource monitoring system, which provides information on forest resources and forest wildlife. The Vantaa Research Unit focuses on methods development, remote sensing applications and customer-specific products.

Research and Development has been divided into four focus areas

- Forest-based enterprise and business activities
- Structure and functioning of forest ecosystems
- Monitoring of the state of the forest environment, forest information reserves and statistics
- Social impact

