

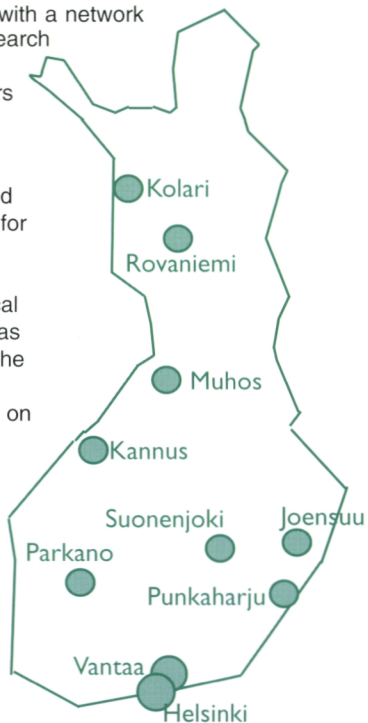
## The Finnish Forest Research Institute

– [www.metla.fi](http://www.metla.fi) –

The Finnish Forest Research Institute (Metla) is an independent research organisation operating under the supervision of the Ministry of Agriculture and Forestry. Metla's task is to build the future of forest sector through research.

Metla was established in 1917. Currently, Metla is a nationwide organisation with a network of research centres, research stations and research forests. The headquarters of Metla are located in Helsinki.

The research centres and stations are responsible for research projects and information services managed by the unit, local administrative services, as well as management of the research forests in their region. More information on Metla's operating units can be found on their Internet-pages.



### Research centres

Vantaa [www.metla.fi/va/index-en.htm](http://www.metla.fi/va/index-en.htm)  
Joensuu [www.metla.fi/jo/index-en.htm](http://www.metla.fi/jo/index-en.htm)

### Research stations

Kannus [www.metla.fi/ka/index-en.htm](http://www.metla.fi/ka/index-en.htm)  
Kolari [www.metla.fi/ko/index-en.htm](http://www.metla.fi/ko/index-en.htm)  
Muhos [www.metla.fi/mu/index-en.htm](http://www.metla.fi/mu/index-en.htm)  
Parkano [www.metla.fi/pa/index-en.htm](http://www.metla.fi/pa/index-en.htm)  
Punkaharju [www.metla.fi/pu/index-en.htm](http://www.metla.fi/pu/index-en.htm)  
Rovaniemi [www.metla.fi/ro/index-en.htm](http://www.metla.fi/ro/index-en.htm)  
Suonenjoki [www.metla.fi/su/index-en.htm](http://www.metla.fi/su/index-en.htm)

## Publications, information services and expertise for a variety of needs

The latest research results are published in publications – scientific publication series, statistical publications, bulletins, monographs and other publications. In addition, the research results are also frequently presented in media releases, newspaper articles, and various seminars and conferences.

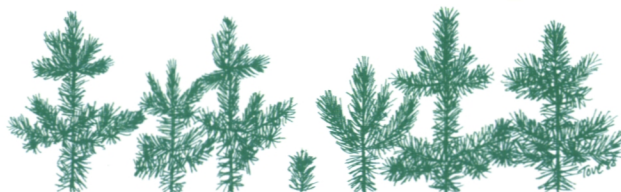
### More information on

- publications: [www.metla.fi/julkaisut/index-en.htm](http://www.metla.fi/julkaisut/index-en.htm)
- current topics: [www.metla.fi/ajankohtaista/index-en.htm](http://www.metla.fi/ajankohtaista/index-en.htm)

The information users are also provided with a range of other information channels and services:

- information and expert services
- Metinfo forest information service
- official duties and public services
- commissioned projects
- presentations and consultant services
- forecasts and outlooks.

[www.metla.fi/palvelut/index-en.htm](http://www.metla.fi/palvelut/index-en.htm)



### For more information, please contact

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## Research Activities of Metla

Metla  
builds  
the future  
of the forest  
sector through  
research

## Research Activities of Metla

[www.metla.fi/tutkimus/index-en.htm](http://www.metla.fi/tutkimus/index-en.htm)

Metla conducts research and generates research information about the forest nature and environment, the different ways of using forests, and forestry and the forest cluster. Metla's research activities cover a wide range of topics, including, e.g.:

- Environmental effects of forestry
- Forest biodiversity
- Forest ecosystem and environmental changes
- Forest genetics and tree breeding
- Forest health, diseases and pests
- Forest industry and its products
- Forest inventory and planning
- Forest policy
- Forest regeneration and silviculture
- Forest soils and their management
- Forest statistic
- Harvesting and transportation
- International forestry
- Multiple use of forests
- Nursery production
- Profitability of forestry
- SME's and employment in the forest sector
- Site description and classification
- Timber trade
- Wood research and timber scaling.



### Research Forests and Laboratories

Metla manages a total of 90,000 hectares of research forests. These include research areas, nature conservation areas and forests assigned for training purposes. The research forests are used for research, information, education and recreation.

[www.metla.fi/metsat/index-en.htm](http://www.metla.fi/metsat/index-en.htm)

The central laboratory in Vantaa and the regional laboratories in the research stations and centres provide a wide range of analysis and other services.

[www.metla.fi/palvelut/index-en.htm](http://www.metla.fi/palvelut/index-en.htm)



### Research Projects

Research is organised into problem-oriented projects and multi-disciplinary research programmes. There are over 100 research projects in progress annually. A large number of those are joint, national or international projects. Metla also carries out commissioned projects to meet the information requirements of its customers. In addition to research projects, Metla has a number of service-oriented and administrative projects.

### Research Programmes

Research programmes are set up to generate information about broad areas of current interest or other major topics. Each programme includes usually 10 to 20 research projects and is managed by a coordinator.

#### Research programmes and program coordinators 2003

- Pools and fluxes of carbon in Finnish forests and their socio-economic implications (2001–2005)  
*Dr. Risto Sievänen*
- Alternatives of silvicultural practices in forest management and their effects on forest production (2000–2004)  
*Prof. Jari Hynynen*
- Forest management planning (1999–2005)  
*Prof. Tuula Nuutinen*
- Potentials for the utilisation of roundwood and wood raw materials in relation to the wood product markets (2002–2006)  
*Prof. Erkki Verkasalo*
- Ecologically and economically sustainable forestry on drained peatlands (1999–2003)  
*Dr. Erkki Ahti*
- National Forest Inventory (1998–2004)  
*Prof. Erkki Tomppo*

*The research programmes and projects, their objectives, results, publications and scientists involved are presented in their Internet-pages: [www.metla.fi/tutkimus/index-en.htm](http://www.metla.fi/tutkimus/index-en.htm)*

### Researchers

One of Metla's key strengths is a highly motivated, professional staff. Metla has about 300 researchers, including over 20 professors. Professors are senior scientists responsible for developing their fields of expertise.

#### Professors

Asikainen, Antti	technology of forestry and wood procurement
Hantula, Jarkko	forest pathology
Harstela, Pertti	forest technology, nursery techniques
Helmisaari, Heljä-Sisko	forest soils
Henttonen, Heikki	forest zoology
Hynynen, Jari	growth and yield, increment variation
Karjalainen, Timo	international forestry, especially in economies in transition
Kärkkäinen, Katri	genetics of forest trees
Mielikäinen, Kari	Research Director
Nuutinen, Tuula	forest planning
Ollonqvist, Pekka	enterprise economics
Pohtila, Eljas	Director General
Saarinen, Jarkko	nature tourism
Seppälä, Risto	strategic problems of the forest sector, IUFRO
Sutinen, Marja-Liisa	ecology of forest regeneration
Tahvonen, Olli	environmental economics
Tomppo, Erkki	National Forest Inventory, remote sensing
Verkasalo, Erkki	wood science, wood quality and uses, timber scaling
<i>open</i>	forest regeneration, afforestation and nutrient status of peatlands
<i>open</i>	silviculture

*More information on Metla's personnel, their expertise and publications can be found on their Internet-pages:*

*[www.metla.fi/metla/index-en.htm](http://www.metla.fi/metla/index-en.htm)*

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