

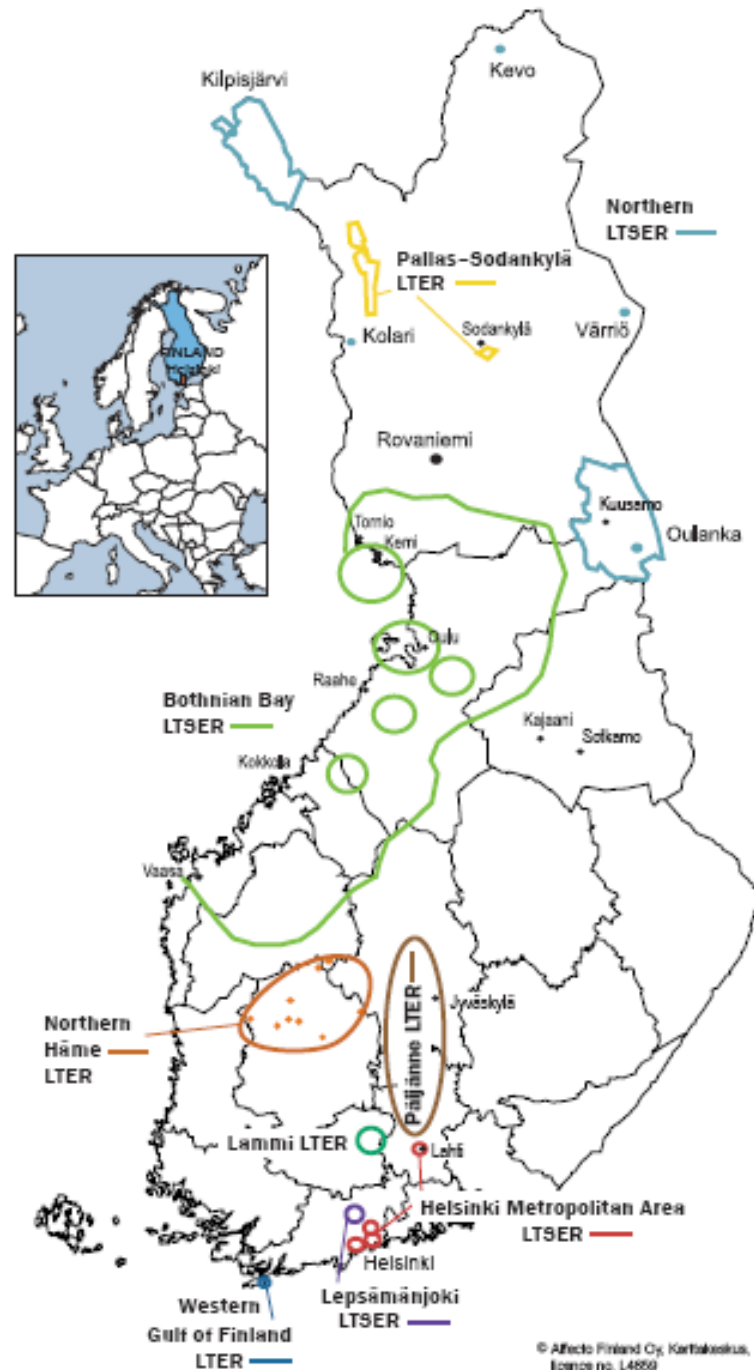
The Finnish experience in building national network

Martin Forsius, Eeva Furman, Jari Niemelä, Katri
Rankinen

FinLTSER network

LTER areas, main focus in ecological and ecosystem research

LTSER areas, socioeconomic research strongly represented



The milestones of FinLTSER

- Established by a decision of the high level Coordination Group for Finnish Environmental Research at 12.12.2006, on the basis of an international evaluation.
- Formally accepted as a member network in ILTER and LTER-Europe in August 2007.
- FinLTSER and LIFE WATCH were formally accepted as key national-level Research Infrastructures (RI) and included into national RI-roadmap in December 2008.
- EU LIFE+ project VACCIA (2009-2011)
 - "Vulnerability assessment of ecosystem services for climate change impacts and adaptation"
 - Based directly on FinLTSER network

The core research areas of FinLTSER

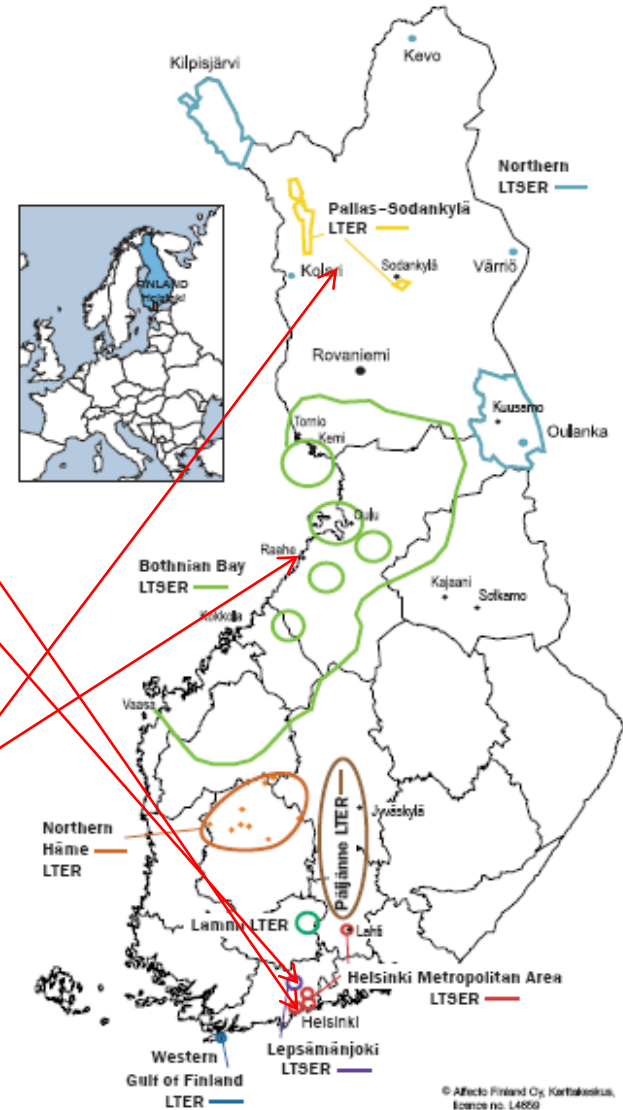
- ILTER core areas (global water circulation, biogeochemical processes, changes in biodiversity).
- Other ecosystem processes and disturbances.
- Ecosystem services (e.g. soil health and soil fertility, carbon assimilation, forest and agricultural production, water resources).
- Societal and other socio-economic pressures on the functioning of the ecosystems.
- Effects on the local communities of nature conservation and resource exploitation.
- Local environmental conflicts.

FinLTSER sites

1. **Western Gulf of Finland LTER-site WelFin**
2. **Helsinki Metropolitan Area, HMA LTSER**
3. **Lepsämänjoki agricultural watershed area, LAWA LTSER**
4. **Lammi LTER, Southern Boreal Aquatic and Terrestrial Long -Term Ecological Research Area**
5. **Lake Päijänne LTER**
6. **Northern Häme LTER**
7. **Bothnian Bay LTSER-platform**
8. **Pallas-Sodankylä LTER observatory**
9. **Northern LTSER-platform**

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Vaccia

The flagship project

Presentations of the four LTSER platforms

Martin, Katri, Jari

Towards a strong LTSER emphasis

Eeva