eLTER offers in-person (physical) Transnational Access (TA) to 18 well-equipped, long-term ecosystem research sites across major European socioeconomic and environmental gradients in 17 countries. The TA scheme will include all staff and young scientists visiting laboratories and sites to learn, and experts travelling to advise on eLTER-related activities at sites.

When will the eLTER TA scheme start?

We expect to launch the TA scheme in early 2016. If you are interested, please:

• Use this brochure as a guide to TA sites
• Visit our temporary web pages at www.lter-europe.net/project/ELTER
• From there, sign up to our e-newsletter, to receive news of the project
• If you use Twitter, follow us @eLTER_EU

Who can apply?

Promising young scientists at the start of their career and young Post-Docs, and selected stakeholders.

Training will also involve testing new methods at eLTER sites, aiming from TA visits and from the exchange of methods between sites.

What is provided?

Successful applicants can expect to benefit from the free use of eLTER facilities, services and support. They will also receive funding to cover travel expenses, hotel or other accommodation and eligible out of pocket expenses. Upon request, support will be provided before, during, and after the time TA is provided.

The 18 sites have been carefully selected so as to be most attractive to prospective users in terms of their natural setting, the available instrumentation and installations, existing long-term data, and the related IT infrastructure. The host organisations of all 18 sites are beneficiaries of the eLTER project. The eLTER TA scheme is aimed at:

• Scientific users, particularly the new generation of ecological and socio-ecological scientists
• SMEs and larger industries interested in relevant technological developments
• Other stakeholders interested in data and other services provided by eLTER-H2020.

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Where will your research take you?

Funded research visits to 18 European ecosystem research sites

What research is encouraged?

Priority topics for the TA scheme will be determined according to the grand challenges for research, and the requirements for developing appropriate LTER methods, parameters, technologies, data management and supporting services. Emphasis will be placed on supporting cross-site activities.

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The selection criteria will mainly consider:

• Scientific excellence of the work proposed
• Promising young scientists at the start of their career
• Feasibility of the proposed application in accordance with the site manager
• Formal eligibility, according to the H2020 rules.

A selection and review panel will carefully supervise the scheme, in order to enable transparent, fair and impartial reviews of applications. The TA call will be permanently open.

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Where will your research take you?

1. **Long-Term Research and Monitoring Zöbelboden**
   - **Scientific focus:** Research focuses on ecosystem science and biodiversity research.
   - **Description:** The site is currently used for research on dry deposition processes, on soil respiration processes and on carbon and nutrient transfers in the soil–plant-water system.
   - **Location:** Hyytiälä, SMEAR II, Finland
   - **Access:** Regular car access. Restricted access at some times of year and to some areas
   - **Key points:** The site provides an excellent opportunity to study the effects of climate change on forest ecosystems and to monitor changes in air pollution impacts on forests.

2. **Mt. Fruška Gora**
   - **Scientific focus:** The site follows the trophic state evolution of the lake and the effect of global warming. The lake has been regularly monitored since 1978, in the frame of Air Pollution Effects on Forest operating under the UNECE Convention on Long-Range Transboundary Air Pollution.
   - **Description:** Studies also address anthropogenic impacts, followed the trophic state evolution of the lake and the effect of global warming.
   - **Location:** Fruška Gora National Park Climate change and Air Pollution Impact Studies
   - **Access:** Regular car access. Restricted access at some times of year and to some areas
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3. **Hyytiälä, SMEAR II**
   - **Scientific focus:** The site follows the trophic state evolution of the lake and the effect of global warming. The lake has been regularly monitored since 1978, in the frame of Air Pollution Effects on Forest operating under the UNECE Convention on Long-Range Transboundary Air Pollution.
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4. **LTSER Northern Hegy**
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