

INFO PACKAGE

Hyytiälä Forestry Field Station, Finland

SMEAR – II Flagship Station (61°51'N, 24°17'E, 181 m above sea level)

Contents

General	2
SMEAR II measurement station.....	2
Accommodation	3
Venue and meeting facilities	4
How to get to Hyytiälä Forestry Field Station	6
Useful links	6



General

Hyytiälä Forestry Field Station provides a meeting place close to nature by a lake in the middle of forests. Besides the educational and scientific use of the University of Helsinki itself, external groups for educational events, courses, meetings, parties etc. can hire the station facilities.

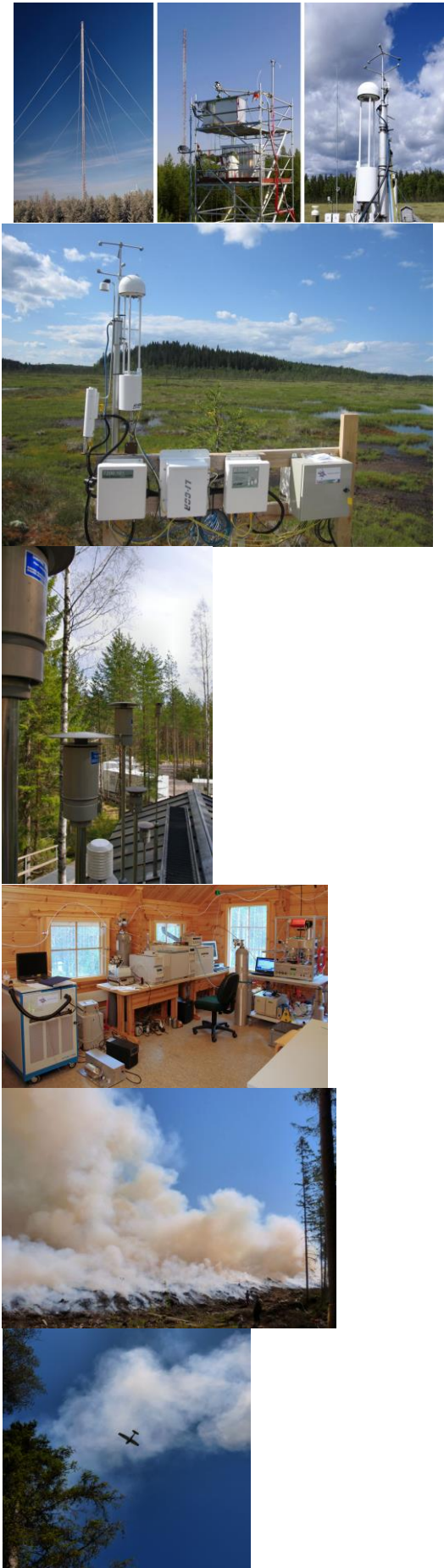
Hyytiälä Forestry Field Station belongs to the Department of Forest Sciences at the University of Helsinki. It's mission is to enable forestry teaching and research in the field conditions. A SMEAR-II flagship station (Station Measuring Atmosphere Ecosystem Relations) <https://www.atm.helsinki.fi/SMEAR/index.php/sme-ar-ii> operated together with the Division of Atmospheric Sciences (Dept. of Physics) and Dept of Forest Sciences of the University of Helsinki located at the the Hyytiälä station. In addition, the station provides a meeting place for many external events, meetings, seminars, parties etc.

SMEAR II measurement station



The SMEAR II (Station for Measuring Forest Ecosystem-Atmosphere Relations) measurement station located in Hyytiälä, Southern Finland. SMEAR II is a unique field measurement station designed for continuous study of phenomena coupling physical, chemical and biological features requiring diverse instrumentation and know-how. Stations performing comprehensive long-term studies either on forest ecology or on atmospheric chemistry and physics can be found, but the unique combination of closely co-operating

aerosol and environmental physicists/atmospheric chemists and forest ecologists is a distinctive feature of SMEAR II station. Furthermore, the station is under automatic operation also during the winter time, monitoring non-growing season processes. SMEAR II facility is planned and implemented to determine material and energy flows in the atmosphere-vegetation-soil continuum at different temporal and spatial scales. It can be divided into five operational blocks: I) atmospheric measurements (profiles, radiation and surface fluxes) accomplished using of 127 m high mast, II) radiation and surface flux measurements using 20 m high tower, III) tree measurements (shoot scale fluxes, sap flow and stem/xylem diameter changes) performed using of 15 m high tower, IV) soil measurements (profiles and fluxes) carried out on two catchments (watershed with weir) areas and V) aerosol measurements (size distribution) from 2 m above the ground. SMEAR II station has top class instrumentation for measurements of aerosol microphysics, atmospheric chemistry, micrometeorology, gas exchange and water balance of trees and soil processes. The data starting from 1995 is freely available in databanks like SmartSMEAR (<http://avaa.tdata.fi/web/smart/>).



Accommodation



Building A

In summer, the station can accommodate 170 persons, and in winter, 100 persons. During the summer months, the station is often full of scientists, teachers and students, but at the other times of year we can easily serve as a meeting place for large groups.

The year-round accommodation is arranged in shared flats with six two-person bedrooms and a shared kitchen, lounge and shower. The bedrooms are intended for one or two guests, and include linen and towels.

The historical wooden houses are usually reserved only for summer accommodation of the university staff and students.

Accommodation price estimation

73 Euro/person/day for single accommodation, 65 euro /person/day for two persons in room accommodation. The price includes breakfast and lunch.

Dining

The station provides year-round dining for 100 persons at a time, and for up to 250 persons by arranging multiple turns for dining. Breakfast, lunch, afternoon coffee, and dinner are served on working days in the summer. In the winter, dinner is available only for groups on request.



The Old Dining Hall

The Old Dining Hall is located in the historical squared courtyard of the station and serves as a year-round place for formal and informal parties. The station kitchen can prepare and serve a choice of exclusive meals for guests. The maximum number of attendants for a dining party is 90 persons.

Dining price estimation: "boreal" dinner outside (in summer time) 50 €/person; dinner in the Old Dining Hall (see map below) 35 €/person, dinner in A building 32 €/person. Prices include VAT and don't include the alcohol drinks.

Sauna: Two traditional saunas by the Lake Kuivajärvi can be reserved year-round. Two other saunas are located in the new buildings and are mainly used in the winter. Prices: 250 € for big sauna and 80 € for small sauna.

Venue and meeting facilities



Auditorium

The station provides comprehensive equipment and facilities for meetings:

- Auditorium for 100 persons (picture above)
- Two seminar rooms (15 and 30 persons)
- Old dining room for about 90 persons
- Several rooms for small groups
- Computer classrooms with 13 workstations
- All usual computer equipment
- Videoconferencing
- 500M broadband internet connection
- Sound amplification system for speech and music players
- All usual audiovisual equipment (also portable)
- Wireless internet connection
- Display panels for posters
- Cars and other means of transportation for field trips

Prices for meeting rooms:

Auditorium for 100 persons – 120 €/day

Seminar room for 30 persons – 40 €/day

Small room for 20 persons: 20 €/day.

INTERNET

Wireless internet access is available at the meeting venue. Eduroam is available for staff and students of many universities.

WEATHER

Finnish weather is very changeable; please check the daily weather forecast at <http://en.ilmatieteenlaitos.fi/> (link for Hyttiälä station: <http://ilmatieteenlaitos.fi/saa/juupajoki>). Please don't forget the warm clothes, especially those who are going to Hyttiälä! The Field station is really in the middle of forest near the lake!



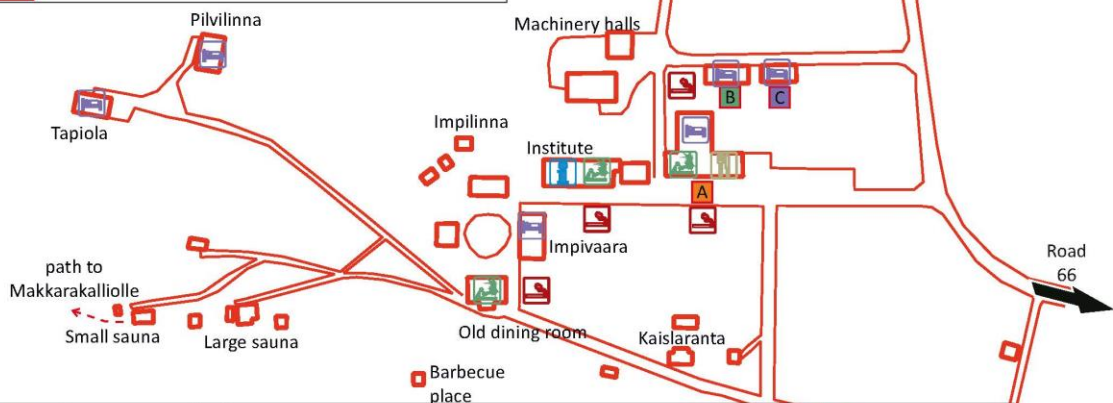
Hyytiälä guide map

Office, Institute
(opening hours c. 8 - 16)
- information desk
- p. +358 9 191 20751

Meeting facilities
Building A, downstairs:
- large seminar room
- small seminar room (computer class)
- gym
Instituutti:
- auditorium
- meeting room
- computer class
Old dining room

Dining place, building A
(old dining room during parties)

Smoking area



Outside office hours
- janitor p. +358 50 576 2939
- fee for unlocking doors

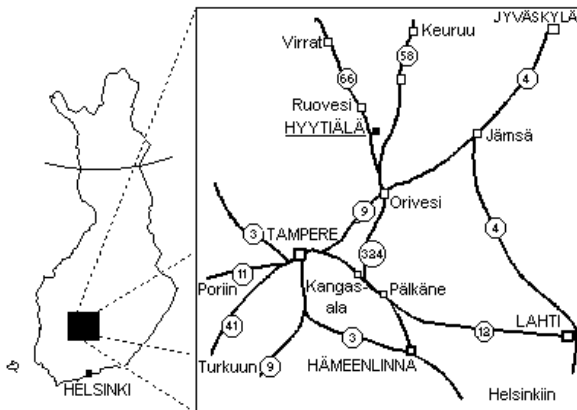
Accommodation

Building A:	Building B:	Building C:
- Solu 1, rooms 201 - 206	- Solu 1, rooms 111 - 115	- apartments C1 - C3
- Solu 2, rooms 225 - 230	- Solu 2, rooms 307 - 311	
- Solu 3, rooms 257 - 262	- Solu 3, rooms 303 - 305	Impivaara
- Solu 4, rooms 301 - 306	- Yksiö, room 110	Tapiola
- Solu 5, rooms 327 - 332	- Kaksio, room 106	Pilvilinna
- Solu 6, rooms 359 - 364		
- Sairashuone 1, room 320		
- Sairashuone 2, room 319		

How to get to Hyytiälä Forestry Field Station

(very convenient and will give you a map and timetables for your planned journey).

Hyytiälä belongs to the municipality of Juupajoki and is located about 210 km N-NW from Helsinki and 60 km NE from Tampere. The location can be found through the [Google maps -service](#).



The surroundings are sparsely populated forest regions. The closest towns are Korkeakoski at Juupajoki (10 km), Orivesi (22 km) and Ruovesi (25 km). The coaches travelling along the route 66 have a stop at the turn-off to Hyytiälä, which is 1.5 km from the Hyytiälä station. There are daily coach connections to Hyytiälä directly from both Helsinki and Tampere.

Joint bus transportation

The joint bus transportation for meeting participants can be arranged from the Helsinki airport (or from the Helsinki- city centre, Central Railway station) to Hyytiälä Field Station and back. It takes about 4 hours.

Price estimation: 1500-2000 € for bus for 50 people from Helsinki airport to Hyytiälä and back.

Useful links

- Hyytiälä station site:
<http://www.helsinki.fi/hyytiala/english/index.htm>
- Hyytiälä station location information:
http://www.helsinki.fi/hyytiala/english/english_kulkuyhteydet.htm
- Journey Planner in Helsinki:
<http://www.reittiopas.fi/en/index.php>