

Welcome to Husö biological station!



To ensure your stay is both enjoyable and safe, we have compiled essential information in this folder. We kindly ask you to take a moment to familiarize yourself with its contents.

Our station personnel are committed to making your experience positive, and we encourage everyone to contribute to maintaining a safe and welcoming environment. Given the shared facilities and limited resources, please notify our staff promptly if anything requires repair or replacement.

Your suggestions, requests, and constructive feedback are highly valued and help us improve.

We wish you a productive and rewarding time at Husö Biological Station!

Phone: +358-(0)18-37310

E-mail: huso@abo.fi

Web: <https://www.abo.fi/en/huso-biological-station/>

Mailing address:

Husö biologiska station

Bergövägen 713

AX-22220 Emkarby

Åland, Finland



Registration

When you plan to use or stay at Husö Åbo Akademi University (ÅAU), please contact early enough (= as soon as possible) Tony Cederberg, Station manager or Martin Snickars, Head of Station (firstname.surname@abo.fi) to discuss what is required and what potential training is needed for safe and professional work at the station (general introduction, safety training etc-). A special introduction is needed for the Molecular laboratory. Inform us also if you plan to bring chemicals or need chemicals (eg. Ethanol).

A user application / user agreement must be filled in before arrival. The form for this can be reached by scanning the provided QR code or by visiting the following web page: www.abo.fi/huso/register



Work-Related Matters

Classroom


- There is one classroom with a projector available at Husö. During field courses, this room is reserved for course activities. However, it can be used for other purposes, such as sorting samples, microscopy, etc., when not in use. Please keep the following in mind:
 - o Clean the tables and instruments after use and return them to their proper places.
 - o Erase the whiteboard when finished.
 - o Turn off the projector when it is no longer needed.
 - o Use one of the waxed tablecloths available in the room when working with wet samples to prevent water damage to the tables.
 - o Cleaner's responsibility: Dusting surfaces, cleaning floors, emptying trash cans, and ensuring paper towels are available.

Diving

- Diving is only permitted for individuals approved by the Head of the station and/or the manager. Divers must present:
 - o A valid diver certification (e.g., PADI).
 - o A valid health certificate.
- All plans for diving must be communicated to station management well in advance.

- More information about diving procedures is given by the station management.
- Snorkelling gear is available for use in projects. To book this equipment, refer to the section "Equipment Booking."

Equipment Booking (Including Cars, Boats & Laboratories)

- A general description of infrastructure or equipment planned to be used must be indicated in the user application / user agreement that is filled in prior to the stay at Husö.
 - Upon arrival at the station, detailed bookings must be made using the [Husö booking list](#). This list can also be accessed by scanning the provided QR code, or by visiting the following web page: <https://tinyurl.com/husobooking>
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- Bookings are reviewed and finalized during the weekly Monday meetings held normally at 9:00 AM in the laboratory coffee room. On-site participation is highly recommended for those who can attend.
 - o During the meeting, any overlapping bookings are resolved, and adjustments are made.
 - o After the meeting, a printed copy of the week's booking schedule is displayed at the entrance of the lab building's office section.
 - o **Important:** Any changes to bookings after the Monday meeting must be updated on the physical booking list and communicated to station management.
 - All equipment at Husö is intended primarily for work-related use. Non-work-related use must be approved in advance by the Head of the station or the manager.
 - Detailed descriptions of the available infrastructure can be found on the Husö Biological Station website: <https://www.abo.fi/en/huso-biologiska-station-research-at-the-station/>.

Fieldwork

- A short presentation of the available field gear can be arranged upon request.
- Before departing for fieldwork, ensure the following details are recorded on the fieldwork list located at the office entrance:
 - o Names of those working in the field.
 - o Location of the fieldwork and/or the planned route.

- The car or boat being used.
 - Time of departure.
 - Estimated time of return.
 - A contact phone number for the field team, which must also be added to the list of phone numbers next to the fieldwork list.
- Whenever possible, avoid working alone in the field.
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Laboratories

When working in the labs, special attention should be given to cleanliness. Additionally, remember the following:

- **Use proper safety gear.** If you are unsure about something, ask for help from someone with experience or the manager.
 - **Label your samples and track them carefully.** When storing samples in the cold room or freezers, make sure to include the year on the labels to facilitate organization. Unlabeled samples risk being discarded at the end of the field season!
 - **Wear indoor shoes in the lab** to protect against glass splinters and chemical spills.
 - **Report any issues.** If anything breaks, is damaged, or is missing, notify the manager promptly.
 - **Cleaning responsibilities:**
 - The cleaner is responsible for cleaning the floors, emptying trash bins, and ensuring paper towels are available.
 - Before the season starts, the cleaner can perform a general cleaning of the labs if needed.
 - During the field season, it is the responsibility of the lab users to ensure that workbench surfaces are kept clean.
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Internet Access

- Free WiFi is available at Husö:
 - If possible, please use the "eduroam" network.
 - If you cannot use the eduroam network, select the "Åbo Akademi Guest" network. Then open your browser (if it doesn't automatically redirect you) and go to www.abo.fi. Choose your preferred authentication method and complete the sign-in process. This will grant you access for 24 hours.
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Offices

- There are three rooms in the lab building that can be used when desk space is needed. Ask the manager where you can sit, if you have not been given a designated place in advance. Also pay attention to the following things:
 - Keep your workspace tidy.
 - There are a couple of desktop computers that one can use for lighter tasks (e.g. writing). Use your ÅAU login. If you don't have a ÅAU login, please contact the manager.
 - Printing: ask the manager for instructions on how to print things. For external projects a printing fee applies.
 - The cleaner's responsibility: Dusting of surfaces, cleaning of floors and emptying trash cans.
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Accommodation at Husö

Accommodation at the station should be booked well in advance by contacting either the Manager or the Head of the station.

Bring your own sheets and towels (sleeping bags are not allowed). If needed, sheets and towels can be rented for 12€/set

The station has a washing machine and a tumble dryer that can be used for washing clothes. A small fee will be taken when using these.

Cleaning of bedrooms

- The room should at departure be in the same shape as at arrival. Therefore, the following measures should be taken upon departure:
 - Dust the surfaces of tables, shelves, etc. and take out the trash. Put in a new trash bag for the next person.
 - Air out bedding and rugs if the weather conditions are favourable.
 - In rooms with fridge/freezer: empty out and clean the fridge/freezer. The fridge/freezer should be left on upon departure. Make sure that the door to the freezer compartment is properly shut.
 - In rooms with toilet/shower: Wipe the walls, the shower cabinet and the faucets to remove calcium deposits (pro tip: doing this regularly, during a longer stay, helps in the end). Make sure the toilet seat is clean as well as the sink and mirror.
 - In rooms with showers: make sure the floor drain is not clogged with hair. Open the cover and check, remove hair if needed.
 - Vacuum the floors, for longer stays also wet mopping should be carried out.

- Take off the mattress cover and leave it on the floor (if no other information has been given). The rest of the bedding can be left folded at the foot end of the bed.
 - If anything breaks, is broken and/or missing, let the manager know about this.
 - For uncleaned / poorly cleaned rooms a fee of 30€ to 60€ will be invoiced.
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Common Areas

General Guidelines

- Common areas at Husö include kitchens, dining rooms, living rooms, labs, classrooms, offices, etc. The general rule is to keep these spaces tidy and clean. Our cleaner assists with maintaining these areas. Below are more detailed responsibilities for each area:
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Kitchens

The common kitchens in the New Villa (upstairs), the Yellow House, and “Logiet” can be freely used by anyone staying at Husö. Please remember the following:

- Clean up after yourself. Keep surfaces tidy, wash dishes, and clean as needed.
- Recycle waste according to the information found in each kitchen. Empty recycling bins/compost when full.
 - The recycling bins can be emptied at the recycling station next to the main parking lot.
 - The compost is located behind the Yellow House. When emptying the compost, remember to throw some compost bedding into the compost as well. A container with compost bedding is found at the compost.
- Food storage:
 - Unused food in fridges/freezers can be given to someone else upon departure, but this must be agreed upon in advance. Leaving food “for everyone” is not permitted, especially perishable items, which often go to waste.
 - Label your food to avoid confusion. In the New Villa: store as much food as possible in your room due to limited common kitchen space.
- Report issues: Inform the manager if anything breaks, is damaged, or is missing.
- Cleaner’s responsibilities:
 - Cleaning floors and changing towels.
 - Ensuring the fridge/freezer is clean before the season starts.

- General cleaning of the kitchen before the season starts or when possible (e.g., before field courses).
 - Pro tip: If multiple people share a kitchen, establishing a weekly cleaning/ housekeeping schedule can help to keep things tidy.
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Main kitchen and meals at the station

- The main kitchen is located downstairs in the New Villa.
 - Normal mealtimes (May to September):
 - Lunch: 12:00 (weekdays)
 - Dinner: 17:30 (Monday–Thursday; no dinner on Fridays and weekends).
 - To keep leftovers to a minimum, our chef is only preparing as many meals as have been ordered in advance. Meals can be ordered prior to arrival by e-mailing the manager or during the weekly Monday morning meeting. If you wish to order a meal during the week, please consult the chef first.
 - The current price of the meals can be found in the price list found on the last page of this folder. Payment is done via the Åbo Akademi University webshop: <https://webshop.abo.fi/produkt-kategori/huso/>. The manager will compile the number of meals you have had at regular intervals to help you keeping track of what is needed to be paid.

Scan this QR code to get to the webshop:



- **NB:** The main kitchen is not for general use by residents. Exceptions can however be made with permission from the chef and station management.
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Living and Dining Rooms

These spaces are for everyone to use, but keep the following in mind:

- Cleanliness: Keep the rooms tidy and clean after use.
 - Consideration: During late hours, be mindful of those who might be sleeping.
 - Cleaner's responsibilities: Cleaning floors, vacuuming sofas, and dusting surfaces as needed.
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Toilets

Shared toilets can be found in the Yellow House, Logiet, the laboratory building, and at the New Villa entrance. Two outhouses are also available: one behind the Yellow House and one at the main sauna.

- Report missing items to the cleaner or manager.
 - Cleaner's responsibilities: General cleaning, towel changes, restocking paper, and emptying trash bins.
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Saunas

- General sauna days are typically Wednesdays and Saturdays. Check however with others on the station regarding times and possible other arrangements.
 - Hygiene: Always use a seat towel in sauna.
 - More specific sauna rules are provided in a separate section of this folder.
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Parking

- Private cars: Use the main parking area near the barn to avoid crowding near buildings.
 - Station and project cars: Are parked at the flagpole parking lot, if space is available.
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Sewer

- Sewage water at Husö is treated using a biological earth bed. Do not dispose of toxic chemicals, large amounts of seawater, or other harmful substances in the sewer. Consult the manager for guidance on chemical disposal.
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Guests

- Private guests staying over: The station has limited capacity for private visitors. Guests are permitted for residents staying longer than one month but must be approved by station management in advance.
 - Day guests: Visitors not requiring accommodation are welcome, but visits must be reported to station management and, if necessary, the kitchen in advance.
 - Show people around: Biologists and professionals familiar with the station's activities can be given tours. Unfamiliar visitors showing up on random can politely be asked to leave.
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Sauna Rules

Overview

The main sauna, known as the "Seaside Sauna," features two stoves: an electric stove and a wood-burning stove. The sauna in Logiet has one electric stove. Weekly sauna sessions are held in the main sauna.

Please read these instructions carefully before heating the sauna.

Heating the Sauna with Wood

- **Firewood:** Firewood is stored outside the sauna and in the shed next to the tenant's house.
 - **Preparation:**
 - Ensure the damper in the shower room is open; adjust it so about 3/4 of the damper is visible.
 - Confirm that the ceiling fan is off (the fan control is found in the closet of the dressing room).
 - Check and empty the ash pit if needed into a metallic bucket.
 - **Lighting the Fire:**
 - Start with small logs to establish the fire.
 - Once the fire is burning steadily, set the fan to a low level (1 or 2) to prevent smoke from getting drawn from the stove into the sauna.
 - If the fire goes out, try keeping the door from the shower room to the porch open, this increases the draft through the chimney.
 - Once the sauna is warm, you can increase the fan speed to improve airflow in the sauna.
 - **Additional Steps to remember:**
 - Fill the water pail and place it on the sauna benches.
 - Place a water-filled bucket outside the sauna entrance for rinsing sand and gravel off feet after swimming.
 - Add firewood regularly to maintain consistent heat.
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Heating the Sauna with Electricity

- **Controls:** The control panel for the electric stove is located:
 - In the closet of the main sauna's dressing room.

- On the wall of Logiet sauna's dressing room.
 - **Operation:**
 - Set the timer for approximately 4 hours for a typical sauna session.
 - In the main sauna: ensure the ceiling fan is running, set to level 2 or higher (fan control is in the dressing room closet in the main sauna).
 - **Preparation:**
 - Fill the water pail and place it on the sauna benches.
 - Set a water-filled bucket outside the entrance for rinsing feet after swimming.
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Bathing Rules in the Sauna

- **Seat Towels:**
 - Using a seat towel is mandatory. Towels are provided in the dressing room closets.
 - Used towel bins are available in the dressing room.
 - **Showers:**
 - Be mindful of water usage. Turn off the tap when soaping or not actively rinsing yourself.
 - After swimming in the sea, rinse your feet and body before re-entering the sauna.
 - **Dressing Room:**
 - Keep the dressing room door closed at all times to avoid triggering the fire sensor, which is sensitive to heat and moisture.
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Last Person Leaving the Sauna

- Rinse the benches in the sauna and the shower room floor.
 - Dry the shower room floor with a rubber scraper.
 - Empty the water pail and leave it in the shower room.
 - Empty and rinse the water bucket placed outside.
 - Set the ceiling fan to level 2.
 - Turn off all lights (outdoor lighting is automatic and does not require adjustment).
 - Ensure that all doors are closed, but NOT locked.
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General Notes

- **Shoes:** Leave shoes at the entrance to the dressing room; they are not permitted inside.
 - **Personal Items:** Take all personal belongings with you after bathing.
 - **Waste Disposal:**
 - A trash bin for general burnable trash can be found in the dressing room.
 - Other types of trash as well as empty bottles/cans must be removed from the sauna upon leaving the sauna.
 - **Dressing room stove in the main sauna:**
 - If lighting a fire in the dressing room stove, ensure the shower room damper is open (3/4 visible is OK).
 - Use only small logs, as larger pieces may cause smoke leakage and trigger the fire alarm.
 - Check the airstream using the stove throttle devices at the bottom.
 - Never leave the stove unattended.
 - Sweep up after using the stove.
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We hope you have a relaxing and enjoyable sauna experience!

In Case of a Fire Alarm

If the Alarm Bells Ring (Seaside Shed, Seaside Sauna, or New Villa):

1. **Check the Alarm Control Center:**
 - Go to the alarm control center in the New Villa.
 - Note the **number** (building section) and the **code** (specific detector) displayed.
2. **Locate the Alarm Source:**
 - Refer to the **map** at the control center to identify the alarm's location.
3. **Investigate the Situation:**
 - Go to the identified location and assess the situation.
4. **Call Emergency Services (112):**
 - Provide the address: **Husö Biological Station, Bergövägen 713, Emkarby.**
 - Coordinates: **N 60°16.720, E 019°49.828 (WGS 84).**

- If **no fire** is detected, inform the operator that it is a false alarm; the fire brigade will then send just one person to reset the system.
5. **If a Fire is Present:**
- Attempt to extinguish the fire if it is safe to do so.
 - **Do NOT reset the alarm** (green button, "Återställning").
6. **Response Time:**
- The fire brigade will arrive within approximately **20 minutes** in case of fire.
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If a Pre-Alarm Activates (Förhandslarm):

- **What Happens:**
 - The alarm control center in the New Villa will beep, but the fire brigade will not be alerted.
 - **Actions to Take:**
 1. Check the control center display to identify which smoke detector triggered the alarm.
 2. Use the **map** at the control center to locate the detector.
 3. Inspect the area for issues (e.g., burnt food).
 - **Resetting the Pre-Alarm:**
 - If no problems are found, open the control center door and press the green button ("Återställning") for at least **3 seconds** to reset the alarm.
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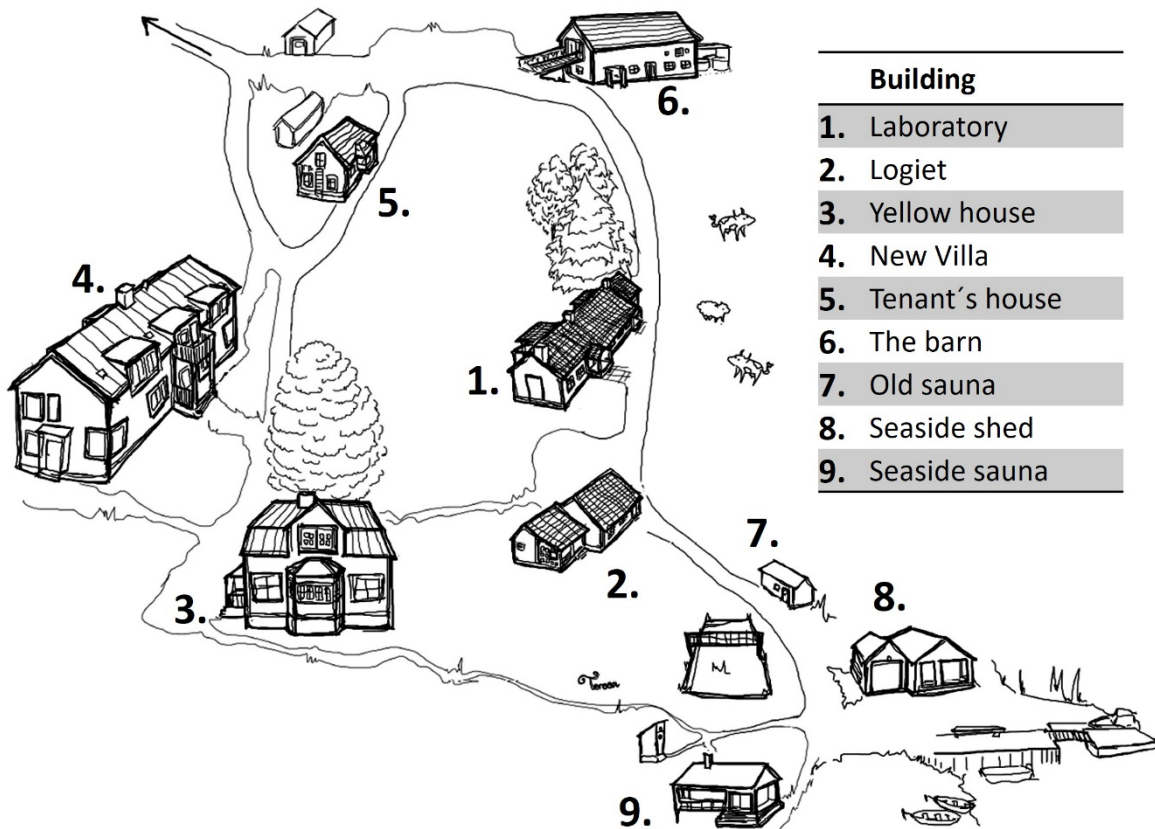
Important Notes:

- **False Alarms:**
 - A fine of **€350** will be charged if a false alarm is triggered intentionally.
- Always prioritize safety. If unsure, call **112** and follow their guidance.

Fire extinguishers at Husö biological station



Building/Vehicle	Placement
1. Laboratory	Course entrance Office entrance
2. Logiet	Corridor
3. Yellow house	Kitchen entrance Northern entrance 2nd floor
4. New Villa	Main entrance 2nd floor Kitchen Northern apartment Southern apartment
5. Tenant's house	Entrance
6. The barn	Aquarium hall entrance Workshop
7. Old sauna	Entrance
8. Seaside shed	Northern wall (outside) Eastern entrance Garage
9. Seaside sauna	Dressing room
Subaru	
Mya	
Esox	
Sigrid Maria	
Sprattus	



Important phone numbers

Emergency number: **112**

The Åland Island Lifeboat Association: **+358 (0)18-19 475**

Police: **112**

The poison information center: **+358 (0)800 147111 or +358 (0)9-471 977**

Health care center (Mariehamn): **+358 (0)18-538 500**

Occupational health care (Medimar): **+358 (0)18 14404** (only for those employed by Åbo Akademi University)

Price List 2026-

Transport rates	Price (incl. VAT)
Mariehamn – Husö or v.v.	10,00 € / pers.
Husö – Långnäs or v.v.	18,00 € / pers.

Accommodation rates	Price (incl. VAT)
All buildings: ÅA-personnel working at Husö	Free
Non ÅAU: part of room (all buildings)	25,00 € / day
Non ÅAU: Researchers apartment	60,00 € / day
Lost room key	50,00 €
Rental fee of sheets and towels	12,00 € / set
Neglect of cleaning, rooms	30,00-60,00 €
Neglect of cleaning, apartment	50,00-150,00 €
Washing machine (incl. detergent)	1,20 € / wash
Dryer	1,50 € / use

Meals	Price (incl. VAT)
Lunch (Mon-Fri)	4,80 € / meal
Dinner (Mon-Thu)	4,80 € / meal

Miscellaneous	Price (incl. VAT)
Bench fee (external projects)	10,00 € / day
Course fee (ÅAU courses)	17,00 € / day
Course fee, not including accommodation (non ÅAU)	30,00 € / day