

# Archipelago Research Institute (ARI) Researcher and Student Handbook



This handbook is designed to provide essential information for all researchers and students utilizing ARI's resources, including boats, field equipment, experimental facilities, laboratories, and more. It aims to facilitate your stay at Seili and complement the concise information available on our website at >>[utu.fi/seili](https://utu.fi/seili).

The purpose of this handbook is not to impose restrictions but to aid your work at Seili. We encourage you to reach out to our staff well in advance of your arrival to ensure a smooth transition into your research activities. Each spring, ARI evaluates facility and equipment demands and allocates resources to various projects. It's important to note that all equipment use requires prior permission, and certain items may require specialized training.

For the latest updates and contact details, please visit our website at <https://sites.utu.fi/seili/>

Contact details: <https://sites.utu.fi/seili/en/contact/>

Price list and terms of service: <https://sites.utu.fi/seili/en/station/pricelist/>

## Preparing for Your Stay

### Advance Planning

1. **Contact ARI Staff:** Researchers and students planning to use ARI facilities or equipment are kindly requested to contact our staff well in advance of their arrival. This step ensures that we can accommodate your needs and provide the necessary resources.
2. **Resource Allocation:** ARI assesses facility and equipment demands each spring and allocates resources accordingly. Early communication with our staff can help us allocate resources effectively for your project.

You can contact our staff via email: [varaukset-seili@utu.fi](mailto:varaukset-seili@utu.fi)

### Equipment Usage and Training

1. **Permission Requirement:** All equipment usage at ARI requires prior permission. Please contact our staff to obtain the necessary permissions and guidance on equipment usage.
2. **Specialized Training:** Certain equipment may require specialized training. Our staff can provide information on training opportunities and requirements.

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# 1. Boats and Vehicles

## 1.1 Research vessel r/v Aurelia

- Maximum Passengers: 40

r/v Aurelia is available for sampling trips and transportation. It includes a captain and a deckhand officer who can assist with sampling activities. More details on the vessel, including pricing, can be found on our website.

## 1.2 Boat Rentals

Below are the specifications of the boats currently available for your use:

### 1. Small Motorboats with Outboard Engine

- Engine: 5 hp

### 2. Faster 515

- Engine: 60 hp
- Maximum Passengers: 6

### 3. Minor Range 7600

- Engine: 160 hp
- Maximum Passengers: 8
- Note! Currently the boat can be only operated by the ARI's field technician Petri Kinnunen.

## 1.3 Rowing Boats

For those working at ARI, rowing boats are available for free use. However, for safety reasons, we kindly request that you inform our staff every time you intend to use a rowing boat.

## 1.4. Motor boat usage

Permits and Requirements:

- The usage of any motor boat requires a personal permit.
- A fee is charged for the use of motor boats.
- To obtain a permit, you must meet the following requirements:
  - Possess sufficient technical skills and an understanding of your responsibilities as a boat driver/captain.
  - Have knowledge of the local waterways and conditions that may occur at sea.

### Booking Information:

- All boat reservations, including rowing boats, can be made through our permanent staff. For more information on booking procedures and availability, please refer to the following sections.

## 1.4 Booking Procedures

Booking a boat or vehicle at ARI is a straightforward process. To make your reservation, follow these steps:

- **Contact Our Permanent Staff:** Reach out to our permanent staff via email: [varaukset-seili@utu.fi](mailto:varaukset-seili@utu.fi) to inquire about boat availability, rental rates, and booking procedures.
- **Provide Necessary Information:** When booking, please provide the following information:
  - Date and time of your reservation
  - Type of boat or vehicle required
  - Duration of your reservation
- **Confirmation:** After receiving your request, our staff will confirm the reservation and provide you with any additional information you may need.

## 1.5 Safety First

Safety is paramount when using boats and vehicles. Always adhere to safety guidelines, wear appropriate safety gear, and follow local regulations. If you have any questions or concerns about boat usage or safety, do not hesitate to ask our staff for guidance.



## 1.6 Boat Rental Rules and Etiquette

To ensure the safety and smooth operation of boat rentals at ARI, please adhere to the following rules and guidelines:

1. **Personal Permit Requirement:** All motor boats require a personal permit from the permanent staff. Contact Jari Hänninen, Katja Mäkinen, or Petri Kinnunen well in advance (preferably a minimum of 1-2 working days before) during office hours (Monday to Friday, 08:00-16:00).
2. **Minimum Rental Period:** The minimum rental period is one full day. If the rental period exceeds one week, you must provide insurance to cover potential boat damage.
3. **Overnight Storage:** Overnight storage of the boat outside Seili harbor is prohibited without consent from ARI staff.
4. **Documentation:** Carefully fill out the provided rental form and the boat's diary with the required information immediately after the rental period.
5. **Fuel and Key Return:** The boat is rented with a full tank of fuel. If not agreed otherwise, the staff will deliver the keys to the boat. After the rental period, return both keys and the rental form to the designated green mailbox located at the door of the workshop building (Vanha puuverstas, refer to the map at the end of the handbook).
6. **Navigation Experience:** The boat driver is expected to have navigation experience in the archipelago. The driver is legally responsible for the boat and the safety of all passengers, who must follow the driver's instructions.
7. **Passenger Limit:** For safety reasons, the number of people on a boat shall not exceed the limit. Maximum number of persons allowed on each boat (including the driver):
  - Faster 515: 6 persons (*Note:* Cargo, including dive gear, will reduce the maximum number of persons in the ratio of 70 kg = one person.)
  - Minor: Captain + 7 persons
8. **Life Jackets:** All people on a boat with an outboard engine must wear a life jacket at all times.
9. **Alcohol Prohibition:** It is strictly prohibited to operate a boat under the influence of alcohol or to consume alcohol onboard.
10. **Trip Information:** For safety reasons, inform someone at the station about your trip's destination and estimated time of return before each journey.
11. **Boat Cleanliness:** The boat driver is responsible for cleaning the boat and removing all sampling gear after each trip. If the boat is returned significantly untidy, a cleaning fee will be charged to the renter.
12. **Equipment Use:** Do not borrow or remove any equipment belonging to the boat (e.g., anchor, bailer, or tools).
13. **Reporting Issues:** Report any motor malfunctions, groundings, or incidents immediately to ARI's service personnel, Petri Kinnunen (Phone: +358 (0) 40 0619 967). DIY repairs are strictly forbidden. For assistance in English, contact Katja Mäkinen at +358 (0)503536509.
14. **Liability:** The renter is obligated to cover all costs associated with damage caused by gross negligence or serious fault.

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## 1.7. Other vehicles:

### All-Terrain Vehicles (ATVs)

- ARI's ATVs are primarily intended for staff use and will be rented to researchers and course organizers only under special circumstances.
- Visitors who require the use ATVs must negotiate their usage in advance with the staff.

## 2. Nature Reserve and Research Permits

### 2.1 Research in Conservation Areas

The island of Seili is part of several larger conservation areas. Consequently, **the collection of plants and animal samples is permitted solely for teaching and research purposes.** Such activities require a permit from Metsähallitus. ARI has obtained a permit for moderate sampling during teaching and research activities. Therefore, courses and research groups that are NOT actively associated with ARI need to apply for a separate permit from Metsähallitus if they intend to collect samples. Additionally, for intensive sampling or animal capture, contact Metsähallitus separately.

Please note that Kirkkoniemi is not part of any nature reserve areas. Consequently, any field sampling, including archaeological excavations, requires a separate permit from Metsähallitus. Researchers are advised to apply for permits from Metsähallitus 2-4 months before arriving on the island.

For sampling permits and more information, please contact the station's director, Jari Hänninen.

## 3. Sustainable Development and Environmentally-Conscious Culture

### 3.1 Commitment to Sustainability

The University of Turku is committed to becoming carbon neutral by the end of 2025. One of the most significant contributors to the University's carbon dioxide emissions is its properties, including those at Seili. To reduce our carbon footprint, the University is actively working to decrease energy consumption and promote sustainable practices.

### 3.2 Renewable Energy

Since 2019, a significant portion of the electricity used at Seili is generated from solar energy panels. This initiative is part of our commitment to sustainability.



### 3.3 Reducing Carbon Footprint in Laboratories

The University also aims to reduce the carbon footprint of laboratories. At Seili, ARI encourages researchers to incorporate environmental considerations into their work:

- **Waste Management:** Minimize waste generation during research activities. Sort and dispose of waste according to current safety regulations. Do not leave trash or research materials in natural areas.
- **Resource Efficiency:** Reuse and repurpose research materials whenever possible.
- **Chemical Selection:** Choose eco-friendlier chemicals over toxic ones whenever possible. Ensure proper disposal of chemical and hazardous waste.
- **Experimental Setup:** Tear down all experimental setups from natural areas after work is completed.

## 4. Research and Laboratory Facilities

ARI's research and laboratory facilities are primarily housed in the main building.

Below is an overview of the facilities available:

### Main Building Facilities



- **Lecture Room:** A versatile space suitable for seminars, conferences, or accommodating large course groups.

- **Workrooms:** Workrooms are available, each offering a productive environment for research activities.
- **Staff Offices:** Offices for staff members, who are available to assist you during your stay.
- **Laboratory Spaces:** laboratory spaces where you can conduct various experiments and analyses.
- **Storage Rooms:** Storage rooms for equipment, supplies, and research materials.
- **Aquaria Rooms:** Two rooms dedicated to flow-through aquaria, facilitating aquatic research projects.
- **Freezers:** Freezer facilities are available, offering storage at temperatures ranging from -20°C to -75 °C, ensuring the preservation of valuable samples.
- **Cold Rooms:** Two cold rooms with temperatures ranging from -5°C to +15°C, suitable for research requiring controlled temperature conditions.

### Sea-Water Laboratory Facility

In addition to the main building facilities, ARI has a separate sea-water laboratory facility located in close proximity to the main building. This facility offers the following amenities for research and education:

- **Laboratory Room:** Equipped with essential tools and equipment for conducting marine research experiments.
- **Seminar Room:** Suitable for seminars and workshops, with a maximum capacity of 15 persons. It includes a small library with marine biology-related literature.
- **Audiovisual Equipment:** The seminar room features a 75" TV screen with Genelec speakers, a Logitech meetup web-camera, a microphone, and various connectivity options including HDMI, VGA, and USB. An overhead projector is also available.
- **Aquaria Room:** This room houses four flow-through aquaria racks and is connected to a seawater plumbing system, providing direct access to seawater outside of the island (26 m depth) for your research needs.
- **Restroom with Shower:** A restroom facility with a shower.
- **Wireless Connectivity:** Access to the University's wireless networks (Eduroam) is available throughout the facility.

This laboratory facility is designed to support a wide range of marine research activities and provides the necessary infrastructure both for research projects as well as field courses/school groups.





## Marine Experimental Ecology Infrastructure

Our marine experimental ecology infrastructure comprises the following key features:

- **Close-Circulation Aquarium Racks:** We have a total of 10 close-circulation aquarium racks, each equipped with 12 replicated aquaria, each with a capacity of 24 liters. These aquaria provide a controlled environment for your research needs.
- **Temperature Regulation:** Each aquarium rack includes temperature regulation to create precise conditions for your experiments.
  - **Filtration:** Our system boasts advanced filtration capabilities to maintain water quality. Seawater is pumped from a large head tank (approximately 200 liters) situated at the base of each rack to the individual aquaria, where it is then returned to the head tank. The water undergoes multiple filtration stages, including an acrylic filtration unit (SCHURAN Jetskim 120) equipped with both mechanical and biological filters, a protein skimmer, and UV radiation treatment.
  - **Chiller/Heater:** Each head tank is equipped with a chiller/heater (Teco TR15) to maintain precise temperature control for your experiments.



- **Lighting:** The system features advanced lighting with six LED lamps (Radion™ XR30w Pro lamps). These lamps offer dynamic light-dark rhythms and spectral adjustments, providing a maximum intensity of up to 1200  $\mu\text{mol m}^{-2} \text{s}^{-1}$  at the water surface. This level of lighting control allows for a wide range of research possibilities.
  - **Manipulation of Water Quality:** Researchers have the capability to manipulate water quality parameters such as temperature and salinity, ensuring the flexibility needed for a variety of experimental studies.
  - **Extensive Replication:** The system supports extensive replication of study units at both the aquaria and aquarium rack levels, enabling robust and statistically significant research outcomes.
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## Outdoor Mesocosm Facility

Our outdoor mesocosm facility provides an ideal environment for studying a wide range of aquatic and terrestrial research topics. Here are the key features of this unique facility:

- **Outdoor Space with Terrace:** The outdoor area features a terrace (8.2x5.4 m LxW) with UV-protected PVC roofing.
- **Flow-Through Brackish Water Supply:** The facility has access to a continuous flow of brackish water via a pipe outside of the island (Kirkkonieni). The water comes from 26 m depth.
- **Flow-Through Aquaria Tanks:** 16 tanks are designed to facilitate experiments and observations (4 x 4 setup), enhancing your ability to conduct studies e.g. on brackish water littoral and pelagic environments.
- **Indoor Space in a Historic Setting:** Adjacent to the terrace is the historic former piggery of the hospital, initially designed by the famous Finnish architect Carl Ludvig Engel. The indoor space nowadays includes:
  - A standard workroom/laboratory room.
  - An aquaria/terrarium room with light and temperature regulation, allowing you to create controlled environments for your research.
  - A maintenance room for the brackish water plumbing system, ensuring the smooth operation of the facility.
  - Surveillance system, allowing researchers to monitor experimental activities remotely
- **Climate Chambers:** Adjacent to the mesocosm facility, you have access to two large climate chambers with + 5 - + 15 temperature range. These chambers enable you to create and study specific environmental conditions for your experiments.

The mesocosm facility is well-suited for the study of brackish water environments, including littoral and pelagic ecosystems. However, it is also adaptable for research in brackish/freshwater and even terrestrial settings.



## Brackish Water Supply

The facility receives brackish water (approximately 6 PSU) via pipes with openings at a depth of approximately 26 meters, located several hundred meters outside the island. Notably:

- The water supplied to the main building and seawater laboratory is currently unfiltered.
- In contrast, the water in the mesocosm building undergoes filtration through a sediment filter before being supplied to the outdoor mesocosm facility through a large tank.

## 5. Field Equipment

### Reservation and Availability

- **Reserve Equipment:** Field equipment should be reserved by contacting the staff in advance to confirm its availability for your research needs. **Email: varaukset-seili@utu.fi**
- **Equipment Location:** Most research equipment and sampling devices can be found in a building referred to as "Vilja-aitta." This includes items such as plankton nets, water samplers, and sediment samplers. "Vilja-aitta" is located next to the workshop building. Please contact the staff for access.
- **Sensitive Instruments:** Sensitive instruments like the CTD sonde are located in the main building. Every user is required to become familiar with the equipment before using it. If you need assistance or have questions, consult the staff. Manuals for instruments and meters are also available in the main building.

### Equipment Handling and Return

- **Cleaning and Drying:** After use, it is essential that all field equipment is thoroughly cleaned and dried before returning it. Maintaining equipment in good condition ensures its longevity and availability for other researchers.
- **Removal of Material:** All materials used in the field, including research materials and equipment, must be removed after your research activities are completed.
- **Plankton Nets:** Plankton nets should be hosed down with fresh water and left to dry while hanging from the ceiling. Proper care of these items is essential.

- **Reporting Damages:** If any equipment is damaged during use, promptly inform the staff so that necessary repairs or replacements can be arranged.

### Personal Equipment

- **Storing Personal Equipment:** If you plan to store your own equipment at the station, make arrangements with the staff in advance. Unmarked items may be disposed of annually.

### Manufacturing and Ownership

- **Manufacturing and Ownership:** Any plans for manufacturing research equipment, its associated costs, and ownership details must be agreed upon in advance with the station's director.

For more information and specific inquiries about field equipment, please contact ARI's research technician Jasmin Inkinen. Proper care and responsible use of field equipment benefit both your research and the research community as a whole.

## 6. Laboratory Equipment

### Familiarization and Manuals

- **Equipment Familiarization:** Before using any laboratory equipment, it is your responsibility to become familiar with its operation and safety procedures.
- **Operation Manuals:** Operation manuals for laboratory equipment can be found in the research technician's office at the main building. These manuals provide essential guidance on equipment use and safety precautions.

### Operation Logbook

- **Record Keeping:** With some equipment, users are expected to maintain an operation logbook for equipment usage. Log sheets for individual instruments can be found in the logbook. Operation log booking is essential for estimating service needs, tracking potential issues, and ensuring the responsible use of equipment.
- **Liability for Damage:** Users may be held liable for repair costs if equipment damage occurs due to failure to follow operation instructions.
- **Reporting Problems:** Any problems or notes on equipment function should be promptly recorded in the instrument log sheet and reported to the staff.

### Specific Equipment Guidelines

- **Autoclave:** There is one autoclave in the main building. Usage of the autoclave requires prior permission and instructions from the staff, particularly for waste that needs autoclaving.
- **Ice Machine:** An ice machine for research purposes is available in the main building. Ensure that its use is strictly for research purposes to maintain health and safety standards.



- **Fume Hoods:** All laboratories are equipped with fume hoods. These are not meant for storage. After work, clear the fume hood, clean it, and prepare it for the next user. Ensure the power is switched off, and the front panel is lowered.
- **Climate Chambers:** Two large climate chambers with adjustable temperature (0-15°C) and lighting are located in the red storeroom "Makasiini" near the seawater laboratory facility. Three smaller chambers are found in the main building.
- **Freezers:** Freezers are available in the main building (maximum -20°C and -70°C) and in the red storage storeroom (-20°C). Specific guidelines for freezer usage include:
  - Proper packing and labeling of stored items with your full name and date.
  - Clear labeling of chemicals and reagents in fridges.
  - Logging of items placed in refrigeration devices on the log sheet near the device.
  - Notification of your contact information for samples in the ultrafreezer for emergencies, such as power failures.
  - Yearly checks by staff to remove all unmarked items from fridges and freezers.
  - Note that most fridges and freezers are connected to an alarm system, but users store samples at their own risk.
  - Prohibition of storing flammable and vaporizing chemicals in domestic devices due to the risk of explosion and ignition.

## 7. Laboratory Supplies and Chemicals

### a. Glassware and Plastic Items

- **Available Supplies:** ARI provides a wide collection of basic laboratory glassware and plastic items for your use while working at the Institute. For a detailed list of available items, please contact the staff.
- **Personal Disposable Items:** Researchers are encouraged to bring their own disposable items. After use, please ensure that no excess items are left in the workrooms, as these facilities are shared by multiple projects.

### b. Use and Storage of Chemicals

- **Chemical Storage:** Most chemicals are stored in the chemical storage room located in the west wing of the main building. Researchers with access to the facility can use this room. Note that some cabinets in the room are locked for safety reasons; contact the staff if access is required.
- **Safety First:** It is crucial to read the chemical folder located in the chemical storage room before handling any chemicals. Additionally, review the chemical safety data sheet(s) available at the end of the folder. Pay special attention to sections such as hazard identification, first aid measures, handling and storage, and exposure controls and personal protection.
- **Storage Protocols:** Chemicals are stored according to handling and storage protocols outlined in the chemical safety sheets. This means that only chemicals with similar GHS-US labeling can be stored together. Inflammable chemicals, acids, and toxins



must always be stored separately. Chemicals in active use should not be stored with chemical waste.

- **Labeling and Documentation:** All chemicals should be clearly labeled with hazard pictograms and chemical lists, providing information about the quality and quantity of the chemicals. It is a legal requirement in Finland that a printed copy of the chemical safety sheet is found in the chemical storage room (chemical folder). These sheets are updated annually, and the chemical folder should also be updated when new chemicals or waste are introduced.
- **Safety Gear:** Users of tetrachloroethane, chloroform, and diethyl-ether should note the recommendation in the chemical safety data sheet to use fluorocarbon rubber gloves (red PVA gloves available in the chemical storage room) when handling these chemicals.
- **Proper Disposal:** After use, all chemicals must be returned to their designated locations in the chemical storage. Fume hoods should only be used for short-term temporary storage and use. Exceptions apply to the fume hoods in the "herring labs" where acids and other chemicals can be stored until proper chemical storage cabinets are provided. Never open new chemical bottles if an older container is present and open.

## 8. Handling of Waste

- **Clean-Up Responsibility:** Users are responsible for cleaning up the facilities after completing their work, disassembling setups, and leaving the space ready for the next user.
- **Waste Sorting:** All waste generated at ARI must be sorted. Waste containers for glass and metal, along with sorting instructions, can be found in the chemical storage room. For specific details on waste sorting, consult the staff.
- **Litter Bins and Other Waste:** Station cleaners handle emptying litter bins.
- **Sharp Objects:** Dispose of sharp objects like needles and scalpels in a separate container with a lid, located in the chemical storage room. This helps prevent hazards to others.
- **Large Waste:** Larger quantities of waste, such as flattened cardboard boxes, styrofoam packages, etc., should be taken to the energy waste dumpster.
- **Cardboard Boxes:** Good quality cardboard boxes can be given to the staff for potential reuse.
- **Used Sand:** Used sand should either be removed or stored in a container for potential reuse if arrangements have been made beforehand.
- **Specialized Waste:** If your research generates types of waste not mentioned above, such as significant amounts of fish waste or other organic waste, please contact the staff for guidance on proper disposal. Small amounts of pure organic waste can be deposited in the compost located near the main building.

## Chemical Waste and Other Hazardous Waste

- **Chemical Waste Storage:** Chemical waste is stored according to handling and storage protocols outlined in the chemical safety sheet. In most cases, waste is stored under the fume hood in the chemical storage room. Ensure that your waste complies with storage guidelines, which means inflammable waste should not be mixed with oxidative substances, and acids should not be mixed with bases.
- **Prior Planning:** Before commencing your work, assess the properties of the substances you plan to use. This allows for risk mitigation and the organization of waste handling in an appropriate manner.
- **Responsible Waste Handling:** Disposing of chemical waste on an island is both expensive and time-consuming. Therefore, please take precautions to minimize excess waste production and inform the staff well in advance of any special disposal needs.
- **Information on Waste:** It is crucial that every batch of hazardous and chemical waste contains detailed information on its content, quantity, and the producer of the waste. Failing to provide this information poses both health and safety risks. If you are unsure about how to handle your hazardous waste, always consult the permanent staff for guidance.
- **Prohibited Substances:** The use of radioactive or explosive chemicals is strictly prohibited unless you have received a special permit from the station's manager.

## 9. Reservations and Payments

### Reservations

- **Booking Facilities:** To reserve laboratories, equipment, boats, and other resources at ARI, please email [varaukset-seili@utu.fi](mailto:varaukset-seili@utu.fi).

### Payments

- **Payment Methods:** All expenses are charged either through invoicing (for projects) or by bank transfer (for individual researchers).
- **Invoice Fees:** It's important to note that invoices totaling less than 100 euros (considered tax-free) will be subject to an invoice fee of 15 euros (or 18.60 euros, including 24% VAT).
- **Individual Researchers:** If you are an individual researcher not using project funds, you can also make payments via a bank transfer to the University's account.

## 10. Shipments and Orders

- **Self-Managed Shipments and Orders:** Each researcher working at ARI is responsible for managing their own shipments and orders.
- **Correct References:** When placing orders through the University of Turku, be sure to use the correct reference, including the profit center, WBS code, or purchaser's name.
- **Mailing Address:** For shipments, please use the following mailing address:  
Archipelago Research Institute, Seili FI-21660, Nauvo FINLAND

## 11. Accommodation, Restaurant, Guest Harbours, and Guided Tours

- **Service Provider:** Accommodation, restaurant services, guest harbour services, and guided tours related to the island's history are provided by an independent travel company **VisitSeili**.
- **Booking Information:** For the most up-to-date information on services, opening hours, and booking, please refer to their website at [visitseili.fi](https://visitseili.fi).
- **Booking Prior to Arrival:** We kindly request that researchers, students, and groups book the mentioned services (including accommodation, catering, seminar rooms, sauna, and guided tours) from VisitSeili before arriving on the island. Once you receive confirmation of your bookings, please feel free to contact us regarding our services, laboratories, and other research facilities.

## 12. Field Accommodation at Lammassaari and Katavaluoto islands

- **Wilderness Huts:** ARI manages two wilderness huts located on the neighboring islands Katavaluoto and Lammassaari, which are owned by Metsähallitus.
- **Rental Options:** These huts are available for individual researchers and research groups and can be rented during the summer for short-term or long-term periods.
- **Facilities:** Please note that these huts are simple and do not have running water or electricity. Fresh water can be obtained from a hydrant located at the post jetty of Seili. Both cottages include a sauna. Basic cutlery and mattresses are provided, but it's advisable to bring your own kitchen items, sleeping bags, travel pillows, and other personal essentials.
- **Rowing Boats:** Access to rowing boats is included in the rent.
- **Rental Prices:** Current rental prices can be found in ARI's price list.
- **Leave No Trace:** Renters are kindly asked to leave no waste, food, or other items (e.g., candles, shampoo bottles, etc.) on the islands. Waste containers for energy waste, glass, and metal can be found at the post jetty. Please ensure that you leave the premises in the same condition as when you arrived.

By following these guidelines, you can enjoy field accommodation in the wilderness huts while respecting the natural environment.

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# Appendixes. Map of Seili

# SEILI SJÄLÖ

**1**

Turun yliopiston Saarikomennin tutkimuskeskus  
Saarikomennin tutkimuskeskus  
Åbo Universitet  
Archaeology Research Institute,  
University of Turku  
[www.uta.fi](http://www.uta.fi)

**2**

Seilin museokirkko [www.seili.fi](http://www.seili.fi)  
Museokirkon pöytä [www.seili.fi](http://www.seili.fi)  
The Museum Church or table  
[www.seili.fi](http://www.seili.fi)

[visitseili.fi](http://visitseili.fi)

- Info - Information
- Vieraskasvi - Gästvärdshuset - Feis
- Vierastaloniemi - Gästhamnen - Guest harbor
- Vieraskoltti - Gästbryggan - Guest pier
- Ravintola - Restaurang - Restaurant
- Kahvila - Kafé - Café
- Asukasyhdistys - Bostadsföreningens sammakall  
Summer Calls of Local Residents Association  
[www.seili.fi](http://www.seili.fi)
- Tunt - Linnon - Peräli  
Matala - Matala - Lågt  
Mittala - Mittala - Måttala
- Purjehduskeskus - Smedstuga  
Kanoaluoto - Kanoaluoto
- Grillipaikka - Grillplats - Barbecue
- Nikolapaviljonki  
Nicolapaviljonki
- Käymälä - Toilett - Toilet
- Käsi- ja peseytysallas - Tvättställe - Day toilet
- Ajoneuvojen lajitelapiste  
Ajälvinställning  
Parking
- Sopimattomia tyhjensijain  
Tommying an empty bank  
Septic tank emptying
- Opastuskeskuksen lähtöpaviljonki  
Startpunkt för guidning  
Starting point for guided tours
- Pakettipostipiste  
Uppskriftspost  
Emergency Reply Point
- Sydäntietä  
Hjärtan  
Dental clinic

Alueella on apotekin lisäksi informaatiokeskus ja museokirkko.  
Päivänväliset hotellit löydät pilke- ja kartta-ohjeesta.  
There are neither grocery and eating parts of the island in the area for longer to stay.

[LUUNTOON.FI](http://LUUNTOON.FI)  
[RETKIKARTTA.FI](http://RETKIKARTTA.FI)

[UTINATUREN.FI](http://UTINATUREN.FI)  
[UTFLYKTSKARTA.FI](http://UTFLYKTSKARTA.FI)

[NATIONALPARKS.FI](http://NATIONALPARKS.FI)  
[EXCURSIONMAP.FI](http://EXCURSIONMAP.FI)