

External Collaborations

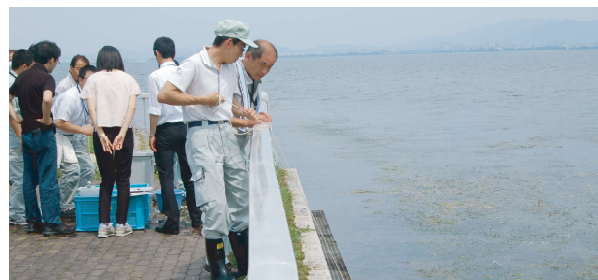
In order to further our testing and research, we conduct joint research with a wide range of universities and companies, both inside and outside Shiga, in addition to accepting outside researchers, and promoting diverse collaborations and collaborative research with the Lake Biwa Branch of the National Institute for Environmental Studies (NIES).



Agreement for the establishment of the Lake Biwa Branch of NIES

Human Resources Development

We share our knowledge and techniques, such as water sampling in Lake Biwa, to pass on skills in environmental monitoring operations. We also seek to foster talent to improve the quality of testing and research through presentations at academic conferences and journals in Japan and abroad, and exchanges among researchers.



Guidance on water sampling

International Contributions

We accept foreign trainees in water environment and other related fields, provide research results, and offer technical cooperation. We also contribute to the conservation of the world's lake environments by presenting our results at international conferences, such as the World Lake Conference and the World Water Forum.



Presentation at the World Lake Conference

Dissemination of Results

Seminars, workshops and publications

We hold Lake Biwa Seminars, seminars where we report on the latest results of our testing and research and share them with the residents of Shiga. We also widely disseminate those results by dispatching researchers to workshops organized by schools, NPOs, and neighborhood associations. In addition, we publish newsletters and other publications that introduce the results in an easy-to-understand manner.



Lake Biwa Seminar



LBERI News

Publication of LBERI Booklet

In March 2020, LBERI published LBERI Booklet Vol.1, "The Science of Lake Biwa: Water and Creatures", using the results of our research and testing as the basis for its content.

In this first issue, we answer familiar questions that you may or may not know the answer to about the water and creatures of Lake Biwa, such as which direction the water in Lake Biwa flows and what the life cycle of fish and aquatic plants is like.

We hope that this book will encourage people to think about Lake Biwa and lead to activities to improve the environment.



Facility Overview



Total area 6,066.48 m²
 Building area 2,932.29 m²
 Total floor area 8,086.22 m²
 Structure Reinforced concrete
 Partial steel frame
 4 floors plus 1 basement floor

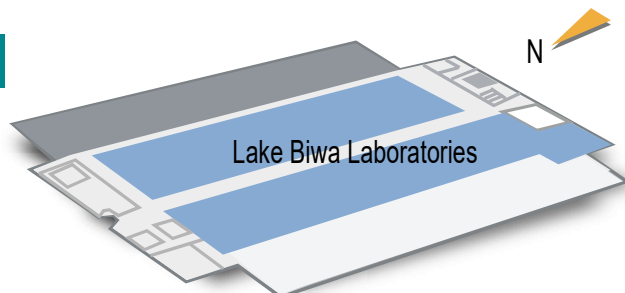


Environmental Information Library

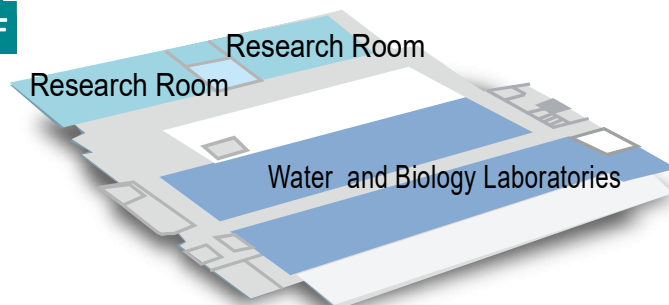
The Environmental Information Library collects academic information, books and administrative materials on the Lake Biwa environment, and makes them available to the public.

The library is open Monday through Wednesday (except holidays) from 10 a.m. to 4 p.m.

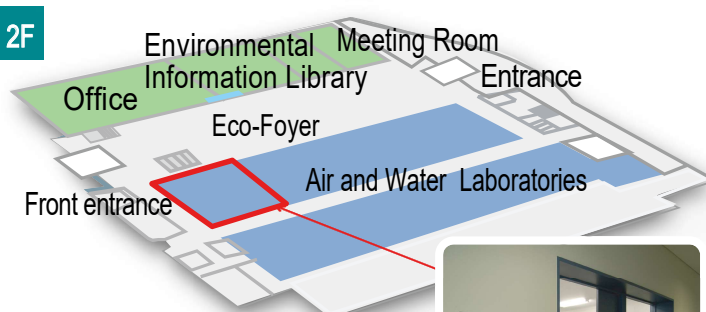
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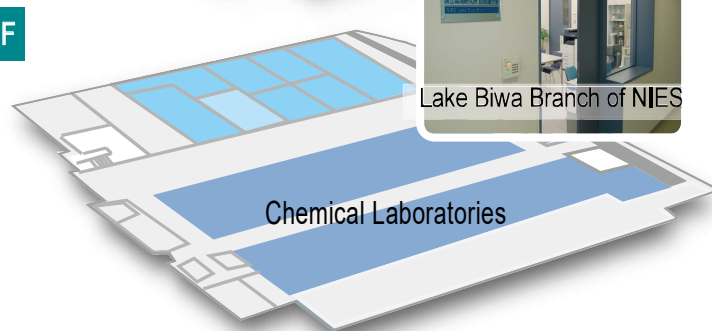
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2F



1F



Lake Biwa Branch of NIES

Main Research Facilities

Water Quality Experimental
 Research Vessel
 "Biwakaze"

Length: 28 m
 Gross tonnage: 71 tons
 Capacity: 25 people
 In service since: 2015



Remotely
 operated
 vehicle (ROV)



Main Databases and Survey Results

- Water Quality Environmental Survey Information Database (Water Quality of Lake Biwa)
- Plankton Plankton survey result research (plankton in Lake Biwa)
 Seta River plankton survey results
- Atmospheric Air Pollution Monitoring and Measurement
- Ecosystem Biodiversity Image Database