



The Lake Baikal Foundation for Environmental Applications and Research

Adaptation to Climate Change

www.baikalfoundation.ru

2024

help@baikalfoundation.ru





Photo by Dmitry Pitenin

MISSION OF THE FOUNDATION



To preserve Baikal by creating the conditions for sustainable water resources management at national and international levels.

VISION OF THE FOUNDATION



Photo by Stanislav Tolstnev

Lake Baikal and the Baikal natural area are a sustainable ecosystem that develops while maintaining the balance among environmental, social and economic interests. At all levels, decisions on the management of Lake Baikal are made based on scientifically grounded long-term forecasts.

THE FOUNDATION'S ACTIVITY AREAS AND THE UN SDGs



**WATER
CONSERVATION**



**BIODIVERSITY
CONSERVATION**



**SUSTAINABLE
TOURISM**



**ENVIRONMENTAL
EDUCATION**



**CLIMATE
ACTION**









**PARTNERSHIP FOR
SUSTAINABLE DEVELOPMENT**

OUR PROJECTS ARE ALIGNED WITH THE UN SDGs

MORE INFORMATION ON PROJECTS



Photo by Evgeny Dubinchuk

ACTIVITY AREAS	DESCRIPTION	CURRENT PROJECTS
 <p>6 CLEAN WATER AND SANITATION</p> <p>WATER CONSERVATION</p>	<p>We join efforts to explore and conserve valuable water resources</p>	<ul style="list-style-type: none"> ▪ Point №1 ▪ The Baikal Without Fishing nets ▪ Water Week ▪ Youth Council for Water in Russia
 <p>15 LIFE ON LAND</p> <p>BIODIVERSITY CONSERVATION</p>	<p>We support current scientific research on the state of endemic populations of Lake Baikal</p>	<ul style="list-style-type: none"> ▪ The Baikal Seal ▪ Grant program on the conservation of rare, endangered, and endemic species of the Baikal region
 <p>12 RESPONSIBLE CONSUMPTION AND PRODUCTION</p> <p>SUSTAINABLE TOURISM</p>	<p>We introduce practices of responsible tourism in the Baikal natural area</p>	<ul style="list-style-type: none"> ▪ Trash Free National Parks ▪ Trail Building
 <p>4 QUALITY EDUCATION</p> <p>ENVIRONMENTAL EDUCATION</p>	<p>We develop teaching materials and lessons on the environment for a wide audience</p>	<ul style="list-style-type: none"> ▪ Bachelor's courses in water resources management at RANEPА ▪ Bachelor's courses in climate change at RANEPА ▪ The Baikal Nature Reserve School ▪ With a backpack on the Trail
 <p>13 CLIMATE ACTION</p> <p>CLIMATE ACTION</p>	<p>We contribute to climate change mitigation and adaptation</p>	<ul style="list-style-type: none"> ▪ Preservation of Forests in the Baikal Region ▪ The Baikal: Protecting and Preserving
 <p>17 PARTNERSHIPS FOR THE GOALS</p> <p>PARTNERSHIP FOR SUSTAINABLE DEVELOPMENT</p>	<p>We develop partnerships among government, business, and civil society</p>	<ul style="list-style-type: none"> ▪ Contest for small and medium-sized enterprises «Green Steps» ▪ Grant competition for young scientists «The Baikal Initiative» ▪ Grant competition for journalists ▪ Development strategy for protected areas 5

An aerial photograph of a large, calm blue lake. In the lower center, two people are on a small inflatable raft. To the right, another larger inflatable raft with two people is visible. The left side of the image shows the dark green foliage of trees. The overall tone is serene and natural.

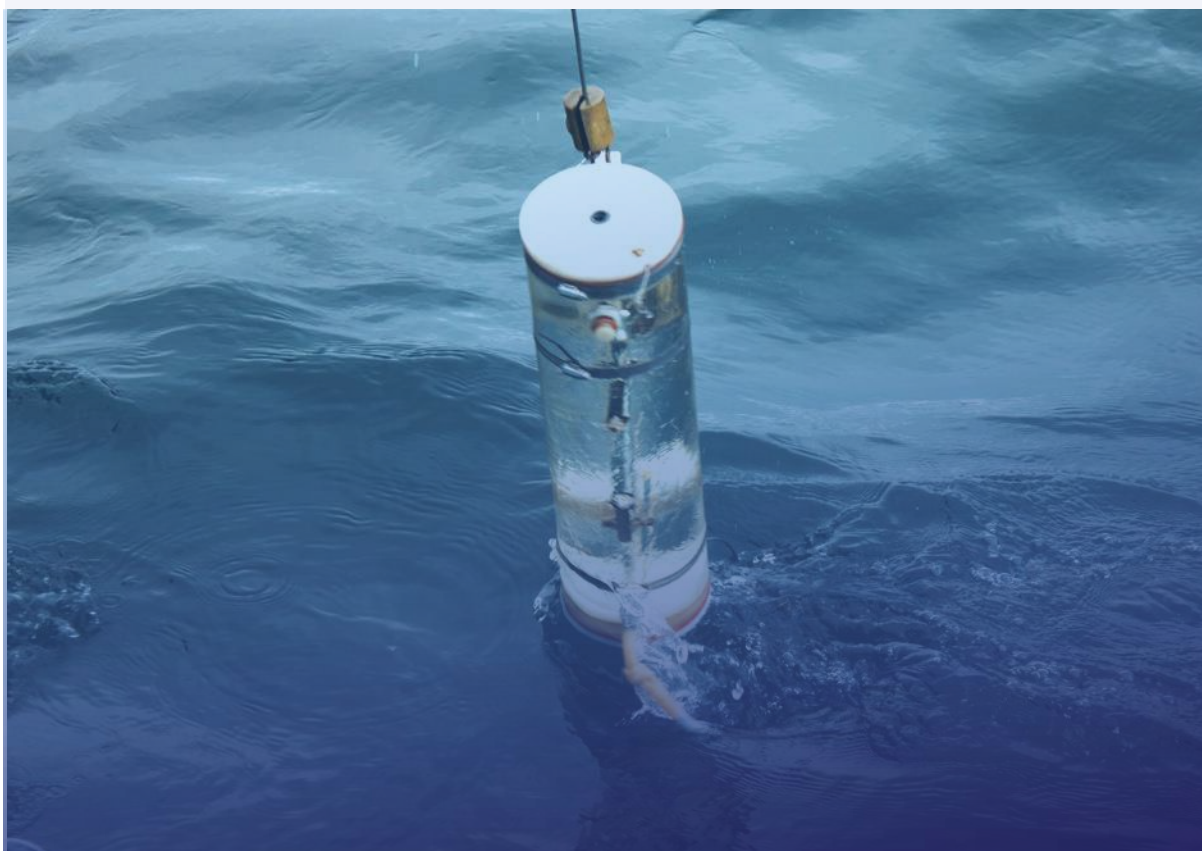
WATER CONSERVATION

/ 01

Point № 1

THE IRKUTSK REGION,
RESEARCH INSTITUTE OF BIOLOGY ISU

Since 2016



WATER CONSERVATION

The Foundation saved the longest project of regular environmental monitoring of Lake Baikal in the history of science from closure: "Point No. 1 ". For 77 years, scientists from the Research Institute of Biology, Irkutsk State University have been taking water samples every two weeks from the same point in the lake to study microorganisms: phyto- and zooplankton. They are the main indicators of the condition of the deepest lake in the world.

OUR ACHIEVEMENTS:



It has been **the 8th year** since the Foundation started supporting the project;



We built partnership with **IT partner** to implement **AI technologies** into the environmental monitoring of Baikal;



The neural network algorithm can accurately recognize **70 of 150** zooplankton species in scientists' samples;



Project data are included in the **international report on the global state of climate 2023**;



Finalist in the "Scientific Achievement " category of the **national " Crystal Compass " award**.



CLIMATE ACTION

/ 02

THE BAIKAL: PROTECTING AND PRESERVING

Since 2022



Supported by the Presidential Grants Foundation in 2023

Forests play an essential role in climate change mitigation and adaptation. However, forests of the Baikal region face risks such as illegal logging and wildfires, which jeopardize the ecosystem of the entire region and accelerate the pace of climate change.

OUR ACHIEVEMENTS:



Improved working conditions and technical equipment of the employees of the Federal State Budgetary Institution "Zapovednoye Podlemorye";



Involved professional volunteer teams to protect the oldest nature reserve in Russia – Barguzinsky nature reserve;



Students and young people from all over the country gained a useful nature protection and environmental education experience as part of the volunteer projects;



Created a community of protected areas representatives to exchange experience and knowledge.

REFORESTATION

REPUBLIC OF BURYATIA

Lake Baikal Foundation conducts tree planting campaigns in the areas where the natural regeneration of forests is not feasible.

Since 2023



Tree planting area (Republic of Buryatia)

CLIMATE ACTION

OUR ACHIEVEMENTS:



Planted more than 90 000 cedar and pine seedlings;



25 hectares of taiga forests was restored on the territory of the Republic of Buryatia;



Post-planting care and survival strategies were added to the project;



Conducted an expert assessment of the best reforestation practices in the region;



Trees are planted in areas where natural regeneration is difficult. Such areas arise as a result of forest fires and landscape features.

KEY FACTS BY 2024



20+
projects



34
partners



6
presidential
grants



TOP-100
1 project was included
in the TOP-100 best projects of the
Presidential Grants Foundation



200+
volunteers



8+
years of a clean slate (top 10 transparent
NGO in ecological sphere according to
RAEX NGO Ranking 2024)



LAKE
BAIKAL
FOUNDATION

FOLLOW US!



help@baikalfoundation.ru



www.baikalfoundation.ru



+7 (963) 611 25 92

