



BSB ECO Monitoring, Newsletter

Common borders. Common solutions.



BSB ECO MONITORING: eMS Ref No: BSB - 884

Joint Monitoring for Environmental Protection in BSB countries



Four partners from 4 different countries joint their resources and knowledge for implementation of the BSB Eco Monitoring project, funding by the European Union through ENI CBC Black Sea Basin Cross Border Cooperation programme 2014 - 2020.



Project funded by
EUROPEAN UNION

This publication has been produced with the financial assistance of the European Union. The contents of this publication are the sole responsibility of Association for Culture, Technology, Education and Development – Plovdiv University – Strandzha and other project partners and can in no way be taken to reflect the views of the European Union.





BSB ECO Monitoring, Newsletter
Common borders. Common solutions.

About BSB Eco Monitoring, eMS

PARTNERS

- Association for Culture, Technology, Education and Development – Plovdiv University – Strandzha (AKTORPUS);
- Danube Delta National Institute for Research and Development;
- Regional Environmental Center for Caucasus Armenia Branch Office;
- Society for Nature Conservation – SABUKO

The main objectives of the project are aimed at improving the long-term cross-border cooperation and building information and research capacity to deal with changes in the ecosystems and monitor the biodiversity. For their implementation, a cross-border center will be established dedicated to joint environmental monitoring and research of the ecological status of the protected ecosystems located in the four partner countries and the Black Sea aquatory.



Project funded by
EUROPEAN UNION

This publication has been produced with the financial assistance of the European Union. The contents of this publication are the sole responsibility of Association for Culture, Technology, Education and Development – Plovdiv University – Strandzha and other project partners and can in no way be taken to reflect the views of the European Union.





BSB ECO Monitoring, Newsletter
Common borders. Common solutions.

Our Activities

Air and water quality monitoring systems

Within the framework of the project - "Joint monitoring of environmental protection in the Black Sea basin countries", Sabuko installed air and water monitoring systems in Kolkheti National Park. The system measures various parameters of water and air, continuously collects data and transfers it to a special server for further analysis.

<https://bsbecomonitoring.net/live-data/>



Hydrological measures



For the hydrological assessment of Paliastom lake, the topographical data of the lake were specified. In addition, water level gauges were placed on the bank of Paliastom Lake and Fichor River, the observation of which will help us to study the hydrological condition of the lake.



Project funded by
EUROPEAN UNION

This publication has been produced with the financial assistance of the European Union. The contents of this publication are the sole responsibility of Association for Culture, Technology, Education and Development – Plovdiv University – Strandzha and other project partners and can in no way be taken to reflect the views of the European Union.



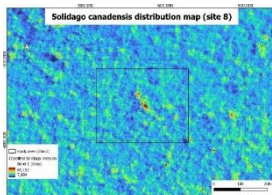
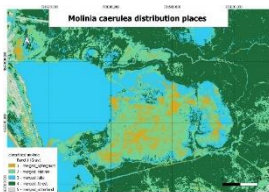
Biodiversity monitoring in Kolkheti National Park



As part of the planned BSB Eco Monitoring project activities, research teams in all 4 countries conducted field works. The aim of joint monitoring was to identify potential sources and forms of pressure on the habitats and native species. Our research team included different field experts, such as ichthyologist, forester, hydrologist, ornithologist, drone pilot and etc. During the project, the experts analyzed the available information about the state of natural habitats and invasive species, selected priority areas for monitoring, adaptation and tested different methodologies. The monitoring results will be with open access for all partners, researchers, research institutes, universities, local authorities, NGOs etc.

Creation of maps of habitats and distribution of invasive species of Kolkheti National Park

Within the framework of the project, SABUKO obtained P4 Multispectral - DJI drone to development methods and algorithms for environmental monitoring. Different habitat plots have been captured. Drone collected data was analyzed using DJI Terra – mapping software, which helps the expert easily visualize environment and transform real-world scenarios into digital assets. In addition, drones are used to map the distribution of invasive plant species.



Project funded by
EUROPEAN UNION

This publication has been produced with the financial assistance of the European Union. The contents of this publication are the sole responsibility of Association for Culture, Technology, Education and Development – Plovdiv University – Strandzha and other project partners and can in no way be taken to reflect the views of the European Union.



Trainings/workshops



Representatives of local authorities, educational centers and schools, environmental non-governmental organizations, fishermen, interest groups (including university students) and representatives of local communities took part in different trainings and workshops: the training on tackling invasive species, 5 days training for students and volunteers, which covered the following topics: the importance of Black Sea Basin countries' cooperation; the importance of biodiversity; invasive species and their monitoring; the importance of biodiversity monitoring and data-based policies; use of drones in biodiversity monitoring; different scientific monitoring methods and approaches in general; training on maintenance of the obtained water and air quality monitoring systems, workshop with fishermen and hunters - <https://bsbecomonitoring.net/news/>



This publication has been produced with the financial assistance of the European Union. The contents of this publication are the sole responsibility of Association for Culture, Technology, Education and Development – Plovdiv University – Strandzha and other project partners and can in no way be taken to reflect the views of the European Union.





BSB ECO Monitoring, Newsletter
Common borders. Common solutions.

Targeted Protected Areas

The target areas of the project cover:

- Nature Park Strandja, Bulgaria;
- “Bioreserve” the Danube Delta, Romania;
- Dilijan National Park, Armenia and
- Kokheti National Park in Georgia

We love talking about our work! Engage with us
via Facebook, or our website.

CONNECT WITH US:

website: <https://bsbecomonitoring.net/>

Facebook: <https://m.facebook.com/EU-funded-BSB-884-Eco-Monitoring-Project-100677948740069/>



Project funded by
EUROPEAN UNION

This publication has been produced with the financial assistance of the European Union. The contents of this publication are the sole responsibility of Association for Culture, Technology, Education and Development – Plovdiv University – Strandzha and other project partners and can in no way be taken to reflect the views of the European Union.





BSB ECO Monitoring, Newsletter
Common borders. Common solutions.

Project partners contact

Association for Culture, Technology, Education and Development – Plovdiv University – Strandzha, Bulgaria

Prof. Nevena Mileva
tel. +359-888-650653, tel. +359-32-261400
e-mail: nevena.mileva@gmail.com

Danube Delta National Institute for Research and Development, Romania
Șilviu Căvaliș

ტელ. +40751179189
e-mail: silviu.covaliov@ddni.ro

Regional Environmental Center for Caucasus Armenia Branch Office, Armenia
Nune Harutyunyan

tel. +374 11 574743
e-mail: nune.harutyunyan@rec-caucasus.org

Society for Nature Conservation - SABUKO, Georgia

Natia Javakhishvili
ტელ. +995 577 960 559
e-mail: natia.javakhishvili@sabuko.ge



Project funded by
EUROPEAN UNION

This publication has been produced with the financial assistance of the European Union. The contents of this publication are the sole responsibility of Association for Culture, Technology, Education and Development – Plovdiv University – Strandzha and other project partners and can in no way be taken to reflect the views of the European Union.



BSB ECO Monitoring Newsletter
Common borders. Common solutions.

Project lead partner



Association for culture, technology, education, development – Plovdiv University –
Strandzha

16 Patriarch Evtimiy str., Ahtopol, Bulgaria

tel. +359 888650653

e-mail: aktorpus@gmail.com

website: <https://aktorpus.eu>

CONTACT PERSON

Prof. Nevena Mileva

tel. +359-888-650653, tel. +359-32-261400

e-mail: nevena.mileva@gmail.com

Joint Operational Programme Black Sea Basin 2014-2020

Association for Culture, Technology, Education and
Development – Plovdiv University – Strandzha
2021

Joint Operational Programme Black Sea Basin 2014-2020 is co-financed by the European Union through the European Neighbourhood Instrument and by the participating countries: Armenia, Bulgaria, Georgia, Greece, Republic of Moldova, Romania, Turkey and Ukraine.

This publication has been produced with the financial assistance of the European Union.

The contents of this publication are the sole responsibility of Association for Culture, Technology, Education and Development – Plovdiv University – Strandzha and other project partners and can in no way be taken to reflect the views of the European Union.



Project funded by
EUROPEAN UNION

