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BSB ECO MONITORING

Joint Monitoring for Environmental Protection in BSB countries
Project Number: BSB-884



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„Ecologia Balkanica” is an international scientific journal, in which original research articles in various fields of Ecology are published, including ecology and conservation of microorganisms, plants, aquatic and terrestrial animals, physiological ecology, behavioural ecology, population ecology, population genetics, community ecology, plant-animal interactions, ecosystem ecology, parasitology, animal evolution, ecological monitoring and bioindication, landscape and urban ecology, conservation ecology, as well as new methodical contributions in ecology. The journal is dedicated to publish studies conducted on the Balkans and Europe. Studies conducted anywhere else in the World may be accepted only as an exception after decision of the Editorial Board and the Editor-In-Chief.

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Once an article is accepted, it is published in Ecologia Balkanica immediately online first as a PDF file. The paper will subsequently be published in both full text formatted PDF online (open access).

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- Scopus (SJR₂₀₂₁ = 0.137; SiteScore₂₀₂₁ = 0.4; SNIP₂₀₂₁ = 0.241)
- SCImago Journal Rank (SJR, 2016-2021 - Q4)
- Thomson Reuters Master Journal List - Zoological Record (Web Of Science)
- Thomson Reuters BIOSIS Reviews (Web Of Science)
- Thomson Reuters Biological Abstracts (Web Of Science)
- Index Copernicus (ICV₂₀₁₉=111.46; ICV₂₀₂₀=115.02)
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- CAB International – CABI Abstracts
- Elsevier (GEOBASE)
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Submitted manuscripts are sent to two or three independent peer reviewers, unless they are either out of scope or below threshold for the journal. These manuscripts will generally be reviewed by experts with the aim of reaching a first decision as soon as possible. The journal uses the double anonymity standard for the peer-review process. Reviewers do not have to sign their reports and they do not know who the author(s) of the submitted manuscript are.

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Cover photo: The mouth of Veleka River, Sinemorets, Strndzha Mts., photo: Ivelin Mollov.

BSB ECO MONITORING

Joint Monitoring for Environmental Protection in BSB countries

Project Number: BSB-884

Project “Joint Monitoring for Environmental Protection in BSB countries” is aimed at solving common problems of nature parks and protected areas in the Black Sea Basin (BSB). The overall project objective is to contribute to increasing the level of availability of cross-border compatible environmental monitoring data and information in nature parks and protected areas in BSB. The major project outcome will be the creation of an intelligent platform for the collection, processing and analysis of environmental data via Web-based cloud service for automatic data collection from wireless sensor networks and Web-based cloud service for video content. An Online Monitoring System (OMS) for environmental data in BSB will integrate the measurement data and will serve as a platform for the dissemination of the collected information and data. The developed smart technologies and intelligent wireless sensor networks will also be used for conducting a monitoring of the condition of natural habitats and the availability of invasive species, and for distance observation of territories which are most dependent on climate change and anthropogenic influences.

A cross-border team of researchers will develop a common methodology for monitoring the condition of natural habitats and the availability of invasive species and conduct the monitoring. The methodology will guarantee the collection of compatible data and topical information about the location and size of damaged areas, the types of pressure and the evaluation of potential sources and forms of threat. For each nature park or protected area, permanent sampling control sites will be designated in which experts and volunteers will perform annual field observations. Based on the collected monitoring information a report will be developed based on the assessed existing and potential sources and forms of pressure on key areas within protected territories of the Black Sea Basin and a List of proposed measures to be undertaken towards pollution preservation and restoration of the monitored key areas.

More information available at: <https://bsbecomonitoring.net/> and <https://aktorpus.eu>.



Prof. Nevena Mileva, PhD
Project supervisor

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