



BioRisk

Biodiversity & Ecosystem Risk Assessment

CURRENT TRENDS OF ECOLOGY

EDITED BY

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The annual "International Seminar of Ecology - 2021" was held online on 29-30th September and provided a platform for students, early-stage and experienced scientists to present their research in the fields of:

- Biodiversity and conservation biology
- The biotic and abiotic impact on the living nature, ecological risk and bioremediation
- Landscape ecology, ecosystem research and services
- Ecological agriculture and
- Ecological education.

A total of seven plenary lectures, 28 oral and 31 posters presentations were presented by scientists working in Bulgaria, Egypt, Portugal, Russia, Germany, the Czech Republic, Lithuania, Romania, Slovenia, Spain and the U.S.A. Manuscripts of the materials, presented at the Seminar and recommended by the reviewers will be published in this special issue of BioRisk.

The "International Seminar of Ecology - 2021" was organized by the Union of Scientists of Bulgaria, Section "Biology" and by the Institute of Biodiversity and Ecosystem Research of the Bulgarian Academy of Science, with the financial support of Ltd Pensoft and BULGAP Ltd.



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Focus and Scope

BioRisk is a peer-reviewed, open-access, rapid online journal launched to publish research of biodiversity and ecosystem risks and opportunities caused by global change and local factors.

BioRisk publishes papers in environmental science describing and analyzing risks and opportunities for biodiversity and ecosystems in any part of the world.

BioRisk shall accept manuscripts related to the following topics:

- Risks and consequences for biodiversity and ecosystems caused by:
 - Socio-economic developments (drivers & pressures);
 - Land use and habitat fragmentation (agriculture, forestry etc.);
 - Landscape planning and infrastructures;
 - Climate change;
 - Environmental pollution (ecotoxicology, eutrophication, nitrogen deposition etc.);
 - Loss in ecosystem services (pollination, biological control, soil conservation and restoration etc.);
 - Biological invasions;
- Methods and tools for biodiversity risk assessment;
- Uncertainty in risk assessments;
- Environmental Impact Assessment (EIA);
- Ecological expertise, expert systems and evidence based assessments;
- Goods and services at risk;
- Free topics in relation to risk assessment.

ISBN numbers will be assigned to monographs, collections of papers, Festschrift volumes, atlases.

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van Tol J (2005) ZooBank: the open-access register for zoological taxonomy: Technical Discussion Paper. Bulletin of Zoological Nomenclature 62: 210-220.

Accepted Papers: Same as above, but “in press” appears instead the page numbers.

Electronic Journal Articles: Thuiller W, Araújo MB, Pearson RG, Whittaker R J, Brotons L, Lavorel S (2004) Biodiversity conservation – Uncertainty in predictions of extinction risk. Nature 430: doi:10.1038/nature02716.

Paper within conference proceedings: Orr AG (2006) Odonata in Bornean tropical rain forest formations: Diversity, endemism and applications for conservation management. In: Cordero Rivera A (Ed) Forest and Dragonflies. Fourth WDA International Symposium of Odonatology, Pontevedra (Spain), July 2005. Pensoft Publishers, Sofia-Moscow, 51–78.

Book Chapters: May RM, Lawton JH, Stork NE (1995) Assessing extinction rates. In: Lawton JH, May RM (Eds) Extinction rates. Oxford University Press, New York, 1–24.

Books: Hanski I (2005) The shrinking world: Ecological consequences of habitat loss. International Ecological Institute, Oldendorf/Luhe, 307 pp.

Book with institutional author: European Environment Agency (2005) Vulnerability and Adaptation to Climate Change in Europe. EEA Technical Report 7/2005, 84 pp.

PhD thesis: Kawanishi K (2002) Population status of tigers (*Panthera tigris*) in a primary rainforest of Peninsular Malaysia. PhD thesis, Gainesville: University of Florida.

Link/URL: BBC News: Island leopard deemed new species. [<http://news.bbc.co.uk/>].[accessed 3.VI.2008]

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