



## Application of Environmental DNA for Biological Conservation

Guest Editor:

**Dr. Alexis Janosik**

Department of Biology, University  
of West Florida, Pensacola, FL,  
USA

Deadline for manuscript  
submissions:

**closed (30 August 2017)**

### Message from the Guest Editor

Dear Colleagues,

Environmental DNA is a non-invasive tool used for the detection of rare, hard-to-find, invasive, and endangered species in aquatic habitats. When traditional methods are difficult, prove to be inadequate, and/or organisms are found in low densities, eDNA can provide resolution. Specifically, organisms in aquatic environments leave a trace of slime, scales, urine, feces, and gametes they slide through the water. Water is collected, DNA is extracted, and the sample is used to determine if the target species is present. Thus, eDNA can be used to "take attendance", as a monitoring tool, and for conservation purposes.

This Special Issue provides the opportunity to highlight new and exciting research using eDNA, as well as emphasize technological advances using this tool.

Dr. Alexis Janosik  
*Guest Editor*





# diversity



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Michael Wink

Institute of Pharmacy and  
Molecular Biotechnology,  
Heidelberg University, Im  
Neuenheimer Feld 329, D-69120  
Heidelberg, Germany

## Message from the Editor-in-Chief

*Diversity* (ISSN 1424-2818) is a scholarly journal that covers all areas of diversity research. Our distinguished editorial board and refereeing process ensures the highest degree of scientific rigor for publishing. Original research articles and timely reviews are released online, with unlimited free access.

We invite papers and reviews on multidisciplinary topics of diversity that bridge organismic diversity (systematics, biodiversity, phylogeny, population genetics, and evolution) and molecular diversity (phytochemistry and biophysics).

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubAg, GEOBASE, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Biodiversity Conservation*) / CiteScore - Q2 (*Agricultural and Biological Sciences (miscellaneous)*)

## Contact Us

---

Diversity Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/diversity](http://mdpi.com/journal/diversity)  
[diversity@mdpi.com](mailto:diversity@mdpi.com)  
[X@DiversityMdpi](https://twitter.com/DiversityMdpi)