

Landmarks of Aquatic Biodiversity – past, present, and future

Guest Editor



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Message from the Guest Editor

Dear Colleagues,

The Earth's aquatic and semi-aquatic habitats, ecosystems, and biomes, as well as their associated biodiversity have been impacted by humans for millennia. The human impact has been and continues to be a significant driving changing force. The Earth anthropization, along the Anthropocene, resulting in aquatic and semi-aquatic biodiversity drastic change and loss, and consequently loss of ecosystems resilience, productivity, and their diminishing along with disappearance. Ground water, hyporheic water, springs, rivers, streams, wetlands, ponds, swamps, wetlands, bogs, lakes, alluvial plains, deltas, estuaries, lagoons, dune slaks, coastal areas, seas, oceans, etc., all giving the blue safe ecological color of our planet are increasingly suffering due to our actions. The representative species of all kingdoms, Monera, Protista, Fungi, Plantae and Animalia, releasing continuously

distressing calls through the specialists' studies results! Aquatic and semi-aquatic biodiversity ecological status is not only a precious indicator of our planet environmental quality trends but also a game changer; it can induce regional, and global changes. Innovative researchers know that, but is time to be more determined in bringing attention to the scientific community, and finally to the decision makers that this issue remain as an equal level of importance with the climate changes! This special issue is a collegially kind invitation to bring into light genuine exquisite research results around the globe and make them to speak and advocate throughout the international recognized Frontiers in Bioscience-Landmark/Ecology editorial platform and publication for the aquatic, semi-aquatic, and riverine biodiversity protection and conservation, not only for their sake but finally for the human species sake too!

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