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Research Article

Open Access Research Article PTZAID:AMS-10-151

In situ Captive Growth Performance and Conservation Potential of Native Tilapiines in Lake Victoria, Kenya: A Case Study of Rasira Beach

Published On: May 14, 2026 | Pages: 001 - 008

Author(s): Tonny Orina Sagwe*, Robert Nesta Kagali, Kevin Mbogo, Michael S Cooperman, Les Kaufman, John Okechi, Paul Sagwe Orina and Mercy Chepkirui

The endangered native tilapiine cichlids Oreochromis variabilis and Oreochromis esculentus have declined dramatically in Lake Victoria due to introduced species, overfishing, and habitat degradation. This study evaluated the potential of cage aquaculture as an ex-situ conservation tool for these species by assessing growth performance, survival, natural reproduction, ...

Abstract View Full Article View DOI: 10.17352/ams.000051

Review Article

Open Access Review Article PTZAID:AMS-10-152

A Numerical Case Study of the Impact of Submesoscale Feedbacks on Mesoscale Eddies

Published On: May 22, 2026 | Pages: 009 - 023

Author(s): Yunlong Fei, Shaoqing Zhang*, Wei Zhao*, Yang Gao, Gang Li, Kaidi Wang and Yangyang Yu

Understanding the impact of feedback of submesoscales on mesoscale eddies is critical to clarify the multiscale interactions in the ocean, yet it remains ambiguous. This study first designs a “twin” downscaled framework with two-way nesting that can control the feedback strength of submesoscales resolved by a 1km resolution simulation to the 3km resolution mesoscale-r ...

Abstract View Full Article View DOI: 10.17352/ams.000052

Open Access Mini Review PTZAID:AMS-10-153

The Manifestation of Salt Dome Tectonics in the Shallow Northern Part of the Caspian Sea

Published On: October 13, 2026 | Pages: 024 - 027

Author(s): Pyotr Ivanovich Bukharitsin* and Ilya Vladimirovich Golovachev

In the autumn of 2025, near the island of Chistaya Banka (the Russian sector of the Northern Caspian Sea, coordinates: N: 45.20396; E: 048.13528), Astrakhan fishermen came across a strange sandbar, which consisted not of the usual mixture of sand, silt, and broken mollusk shells, but of crushed stone, as it turned out later, marl. They marked the coordinates of the lo ...

Abstract View Full Article View DOI: 10.17352/ams.000053