

Research Article

[Open Access](#) [Research Article](#) PTZAID:ALO-2-106

## Using the Amphipod Hyale Nigra to Assess the Quality of Marine Sediments

Published On: November 18, 2017 | Pages: 025 - 030

Author(s): Passarelli MC\*, Cesar A, and Abessa DMS

Few species are standardized and have been used as test organisms around the world in ecotoxicological assays. In the case of sediment assessment, there are only two amphipod species (*Tiburonella viscana* and *Grandidierella bonnieroides*) standardized protocols for toxicity test in South Atlantic region. In order to evaluate the possibility of using the epibenthic mar ...

[Abstract View](#) [Full Article View](#) [DOI: 10.17352/alo.000006](#)

[Open Access](#) [Research Article](#) PTZAID:ALO-2-105

## An Exploratory Modelling Study on Late Pleistocene Mega-Tsunamis Triggered By Giant Submarine Landslides in the Mediterranean

Published On: March 01, 2017 | Pages: 007 - 024

Author(s): JM Abri and Raul Perianez\*

Gigantic submarine landslides are among the most energetic events on the Earth surface. During the Late Pleistocene the Mediterranean Sea was the scenario of a 9 number of such events, some of whose geological fingerprints are the 500 km<sup>3</sup> mass transport deposit SL2 at the Nile delta fan (dated at ca. 110 ka BP) and the Herodotus Basing Megaturbidite (HBM, a 400 ...

[Abstract View](#) [Full Article View](#) [Additional File\(s\)](#) [DOI: 10.17352/alo.000005](#)

[Open Access](#) [Research Article](#) PTZAID:ALO-2-104

## Corrosion Detection in Pipelines Based on Measurement of Natural Frequencies

Published On: January 24, 2017 | Pages: 001 - 006

Author(s): Zhenghao Yang and Erkan Oterkus\*

Natural frequency of structure mainly depends on mass and stiffness. Stiffness is bound to change after structural damage. Hence, natural frequency starts to decline. ...

[Abstract View](#) | [Full Article View](#) | DOI: [10.17352/alio.000004](https://doi.org/10.17352/alio.000004)