



AT-A-GLANCE

1st Underwater Noise Visualisation Workshop

Developing a shipping noise risk indicator and an online underwater noise visualisation platform to support policymakers, researchers, and MSFD reporting

About JONAS

Joint Framework for Ocean Noise in the Atlantic Seas (JONAS) is an Atlantic Area-funded project that aims to address the risks of acoustic pressures on biodiversity by streamlining ocean noise monitoring and risk prediction. JONAS will support policy partners in developing regional-scale approaches that benefit vulnerable species and support MSFD implementation. An underwater noise visualisation platform is currently being developed to provide maritime decision support in the adaptive management of sensitive marine areas.

Workshop Summary

In light of COVID-19 restrictions, the first JONAS workshop on underwater noise visualisation was held digitally on Tuesday the 30th of June 2020. This online event aimed to facilitate a knowledge exchange between regulators, policymakers and scientists, with a focus on **i)** an initial proposal for defining an indicator concerning the risk of impact from shipping noise, and **ii)** the development of a user-friendly JONAS underwater noise (UWN) visualisation platform.

Indicator Development

Participants provided recommendations during a guided discussion. Prior to the workshop, participants were sent a draft report compiled by CEFAS on an initial proposal for defining an indicator for risk assessment from shipping, which was reflected upon during the discussion. Recommendations are shown at right.

ATTENDEES

ACCOBAMS
MITECO, Spain
DRM, Portugal
Marine Scotland, UK
IEO, Spain
CTNaval, Spain
IMAR, Portugal
DGRM, Portugal
UPV, Spain

Recommendations for Shipping Indicator Development

01

Examine and standardise terminology used amongst policy makers and scientists, with special attention to distinguishing between risk and exposure indicators

02

Make efforts to share, compare and adapt methodologies and results with other projects such as RAGES and JOMOPANS with special attention to risk models.

Stakeholder Input

Stay connected with
JONAS on Twitter:
[@jonas_project](#)

Full Report

Kopke K., Dozier A., McGrane P.,
Delory E., Merchant N. and
Sutton G. (2020). JONAS 1st
Online Underwater Noise
Workshop - Event Summary &
Participant Recommendations.
Joint Framework for Ocean
Noise in the Atlantic Seas
(JONAS) project, co-funded by
the ERDF under the INTERREG
Atlantic Area Programme.

Available at
jonasproject.eu

JONAS Platform

Participants were also provided the opportunity to discuss the development of the JONAS Underwater Noise Visualisation Platform. This platform will deliver formatted underwater noise data products to policy makers and sustained EU ocean observing initiatives, enable the reuse of methodologies and modelling outputs produced by JONAS thematic activities, and integrate the project outputs so that they are made available in a practical fashion. The overall goal of the platform is to be accessible and used beyond the project partnership. The discussion yielded the following recommendations.

Recommendations for the UWN Visualisation Platform

- Be specific and cautious about what is produced, with clear guidelines for users regarding output, context and how to interpret data.
- Ensure correctly documented data and metadata.
- Include confidence levels on modelling and other outputs.
- Investigate the development of a data directory with a catalogue of existing local/regional sources of data.
- Explore the potential for the platform to be used as means of collaboration and training between policy makers and scientists towards deeper understanding of products and their application.
- Provide guidelines as to who can access the platform and the process involved.
- Encourage other projects and initiatives to submit localised underwater noise data to the platform.
- Ensure the platform can interface with other similar platforms using API.