



## OPEN ACCESS

## EDITED AND REVIEWED BY

Craig John Brown,  
Dalhousie University, Canada

## \*CORRESPONDENCE

C. Poncelet,  
✉ cyrille.poncelet@ifremer.fr

RECEIVED 11 September 2025

ACCEPTED 30 September 2025

PUBLISHED 07 October 2025

## CITATION

Poncelet C, Saunier A, Gaillot A, Billant G and Berger L (2025) Correction: Acoustic backscatter processing in GLOBE: an open-source software for echo sounder data analysis. *Front. Remote Sens.* 6:1703531. doi: 10.3389/frsen.2025.1703531

## COPYRIGHT

© 2025 Poncelet, Saunier, Gaillot, Billant and Berger. This is an open-access article distributed under the terms of the [Creative Commons Attribution License \(CC BY\)](#). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.

# Correction: Acoustic backscatter processing in GLOBE: an open-source software for echo sounder data analysis

C. Poncelet\*, A. Saunier, A. Gaillot, G. Billant and L. Berger

Underwater Acoustics Laboratory, DFO/NSE/ASTI, Institut Français de Recherche pour l'Exploitation de la Mer (Ifremer), Plouzané, France

## KEYWORDS

echo sounder, water column, acoustic backscatter, bathymetry, oceanography, opensource software

## A Correction on

**Acoustic backscatter processing in GLOBE: an open-source software for echo sounder data analysis**

by Poncelet C, Saunier A, Gaillot A, Billant G and Berger L (2025). *Front. Remote Sens.* 6:1574129. doi: 10.3389/frsen.2025.1574129

There was a mistake in **Table 2** as published. The developer of Echopype was erroneously associated to NOAA/NMFS. The corrected **Table 2** appears below.

The original article has been updated.

## Publisher's note

All claims expressed in this article are solely those of the authors and do not necessarily represent those of their affiliated organizations, or those of the publisher, the editors and the reviewers. Any product that may be evaluated in this article, or claim that may be made by its manufacturer, is not guaranteed or endorsed by the publisher.

TABLE 2 Calibrated water column dedicated software detailing the supported input sensors, primary applications, and licensing models.

Software	Developer	Input sensors	Target	Licence
Echoview	Echoview Pty Ltd, Australia	Single beam and wideband echosounder MBES omni directional sonar ADCP	hydroacoustic data processing	Commercial
LSSS ( <b>Korneliusson et al., 2006</b> )	MAREC - IMR, Norway	Single beam and wideband echosounder (Kongsberg/Simrad) omni directional sonar (Kongsberg/Simrad) MBES MS70 (Kongsberg/Simrad)	Stock assessment	transitioning to open source ( <a href="https://www.norceresearch.no/en/news/our-acoustic-analysis-system-for-fish-is-becoming-open-source">https://www.norceresearch.no/en/news/our-acoustic-analysis-system-for-fish-is-becoming-open-source</a> )
PyEcholab ( <b>Wall et al., 2018</b> )	NOAA/NMFS, US	Single beam and wideband echosounder	Python toolkit for EK80/ME70 Kongsberg sonar system	Open source: MIT
Echopype ( <b>Lee et al., 2024</b> )	founder: APL, University of Washington, US	Single beam and wideband echosounder (Kongsberg/Simrad, AZFP echosounder) ADCP (beta)	Python framework for processing large amount of data	Open source: Apache 2.0
MatEcho ( <b>Perrot et al., 2018</b> )	IRD, France	Single beam and wideband echosounder (Kongsberg/Simrad, AZFP echosounder) MBES	Processing fishery acoustic data	Undefined, code available
ESP3 ( <b>Ladroit et al., 2020</b> )	NIWA, New Zealand	Single beam and wideband echosounder (Kongsberg/Simrad, AZFP echosounder) MBES ME70	visualizing and processing fisheries acoustics data	Open source: MIT
Movies3D ( <b>Trenkel et al., 2009</b> )	Ifremer, France	Single beam and wideband echosounder in HAC or SONAR-netCDF format MBES ME70 in HAC or SONAR-netCDF format	visualizing and processing calibrated watercolumn acoustics data	Open source: LGPLv3