



SOCIB Glider toolbox: from sensor to data repository

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Nowadays in oceanography, gliders constitutes a mature, cost-effective technology for the acquisition of measurements independently of the sea state (unlike ships), providing subsurface data during sustained periods, including extreme weather events.

The SOCIB glider toolbox is a set of MATLAB/Octave scripts and functions developed in order to manage the data collected by a glider fleet. They cover the main stages of the data management process, both in real-time and delayed-time modes:

- metadata aggregation,
- downloading,
- processing, and
- automatic generation of data products and figures.

The toolbox is distributed under the GNU licence (<http://www.gnu.org/copyleft/gpl.html>) and is available at http://www.socib.es/users/glider/glider_toolbox.