**X edition of PLOCAN’s Glider School**

The 10th edition of PLOCAN’s Glider School brought together students from several countries, such as Canada, USA, Portugal, Australia, France, UK, Norway or Spain, with the six manufacturers of the available, operational submarine glider technologies, to remain as an international reference for high-level training on these autonomous, oceanic observation devices. The ten editions raise the number of students enrolled to 147 from 29 countries.

The new technologies provided by these vehicles allow scientists to obtain data on biogeochemical and physical parameters in surface and deep waters, and reduce the extremely high operating costs of oceanographic vessels, while at the same time, enhance their presence in the ocean. In consequence, a greater efficiency and sustainability are obtained in the context of the current ocean observing strategy, which is coordinated by the Global Ocean Observing System ([GOOS](https://www.goosocean.org/)), the [UNESCO Intergovernmental Oceanographic Commission](http://www.ioc-unesco.org/) and the World Meteorological Organization ([OMM](https://public.wmo.int/en)), and which contributes to an applied use of the information generated by these devices in a range of different socio-economic sectors of the marine-maritime industry world-wide.

The X edition of PLOCAN’s Glider School spent several specific sessions on sensors and other accessory components that comprise these autonomous observation platforms, such as satellite telemetry, with the participation of global reference users from USA, Canada and UK, who shared their experiences with the students. It also included practical sessions, both in the laboratory and in open waters of Gran Canaria.

Didactical contents will cover both hardware and software issues through theoretical and practical dedicated sessions in class, lab and open waters using real ocean-glider units by different technologies (Waveglider, Sailbuoy, Slocum, Seaglider and Seaexplorer), and focusing on ocean-glider features, capabilities and applications.

This highly specialized training week represents a great opportunity for students and professionals worldwide to learn about the main commercial ocean-glider technologies.

Sensors, Components, Practical Sessions765

2014

2013

NOC-Gwyn Grifiths

PLOCAN-Daura Vega, Alvro Lerenzo, Carlos Barera

Liquid robotic

Bluefin Robotics

Kongsberg

CLS

Teledyne

ACSA

Exocetus

Satlantic

Seabird

Kongsberg

Contros S&S

BODC

Rutgers univercity

NOCS

AANDERA

Lab Activities

Marine Activities

2012

Formation

Technology

Aplication

Scientific Curis

2011