

# NF-POGO Alumni Network for Oceans Integrated Observations of a Changing Ocean

Lilian A. Krug, Olga Shatova, Victoria Cheung and Sophie Seeyave  
{lilian.krug; olga.shatova; vikki.cheung; sophie.seeyave}@nf-pogo-alumni.org

## The Nippon Foundation-Partnership for Observation of the Global Oceans Alumni Network for Oceans (NANO)

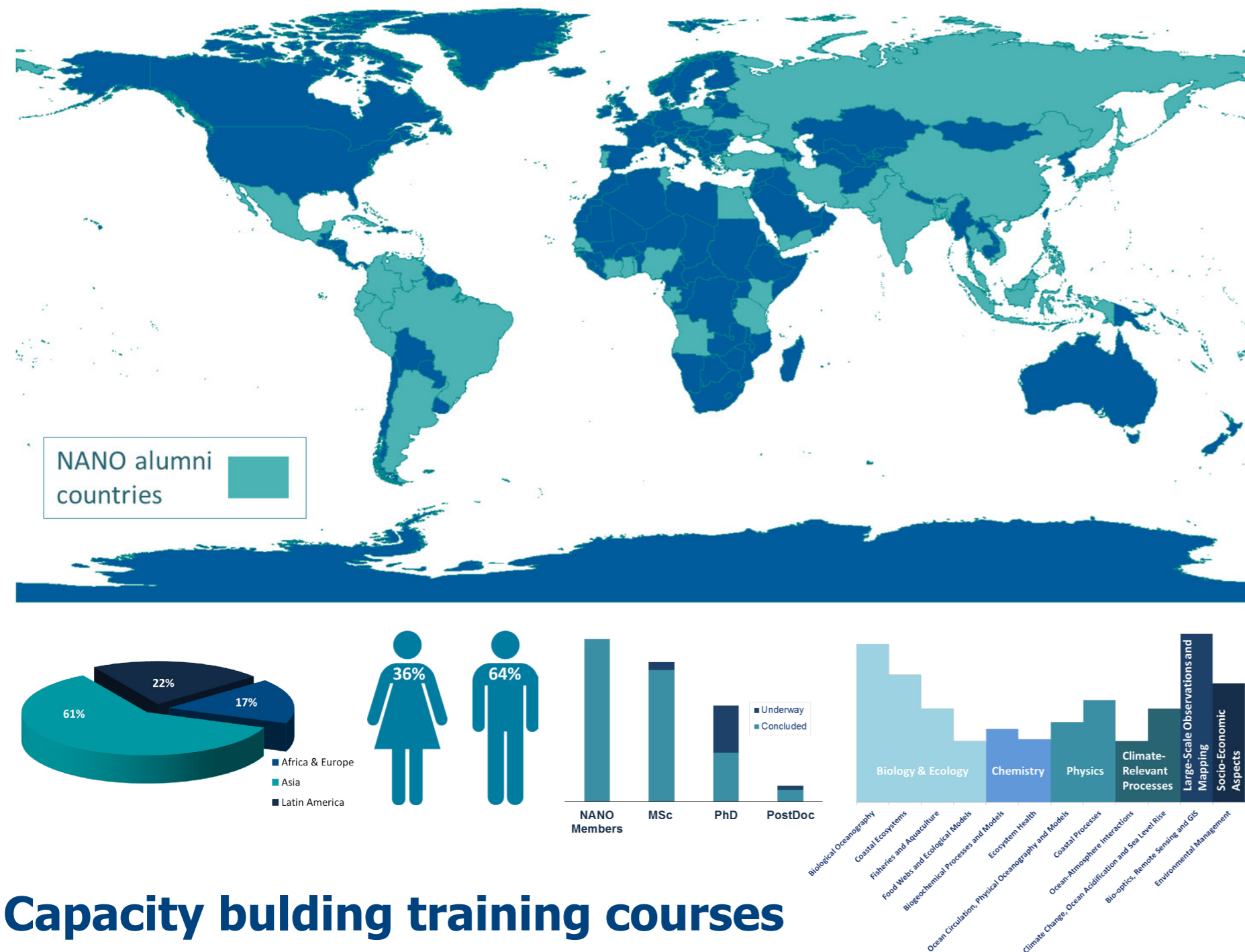
Global network of former scholars, associated professors and researchers established in October 2010. NF-POGO alumni are the future leaders in their field and collectively, they can tackle the issues facing oceans and society today and in the future.

NANO aims are

- to maximize the benefits to the alumni from the training they have received,
- to facilitate active contacts among the alumni and with the training faculty, and
- to promote joint research activities that will build on the training.

Since 2005, more than 260 early career scientists have participated in one (or more) of the 15 courses held as part of the NF-POGO initiative. NANO network members currently include 183 alumni from 44 countries on 5 continents, as well as 40 top-ranked scientists that are known as NANO "Friends".

### NANO statistics



### Capacity building training courses

#### Visiting Professorship

Contributing to long-term, sustained, capacity building through the facilitation and interpretation of ocean observations in developing countries.

- 2005 - Fiji and India
- 2006 - Brazil and Sri Lanka
- 2007 - Tunisia and Vietnam

#### Centre of Excellence in Observational Oceanography

Scholars from developing and developed countries receive training from world-class scientists for ten months at renowned oceanographic institutions

- 2008-2012 - Bermuda Institute of Ocean Sciences, Bermuda
- Since 2014 - Alfred Wegener Institute, Germany

#### Regional Centres of Excellence in Observational Oceanography

Intensive short term training courses are conducted every year in conjunction with the Centre of Excellence Host, at oceanographic institutes in developing countries

- 2009 - Brazil
- 2011 - Vietnam
- 2012 - India
- 2014 - Philippines

### Joint projects conducted by the alumni

Four regional projects address different aspects of coastal water quality and one outreach programme providing resources for the alumni to advocate for ocean sciences and increase public awareness

#### Regional Projects

##### Indian Sub-Continent

Monitoring the coastal waters of India and Sri Lanka for the occurrence of HABs.

##### South-East Asia

Eutrophication in the coastal waters of South-East Asia.

##### Latin America

Pigment analysis using HPLC in AN-TARES Network coastal time series stations.

##### North-West Africa

Monitoring coastal erosion and hydrodynamics of Northern and Western Africa.



Clockwise from top right: Latin America project sampling in Colombia; N-W Africa group planning the deployment of a tide gauge in Ivory Coast; *Heterosigma akashiwo* sampled by the Indian Sub-Continent Project at Dona Bay, India; SE Asia project sampling in Philippines

#### Outreach Project

Support for active engaging initiatives in distributing general oceanographic knowledge to the public and the maintenance of a virtual catalogue with online resources for teaching



Alumna Lailah Akita action in beach cleaning

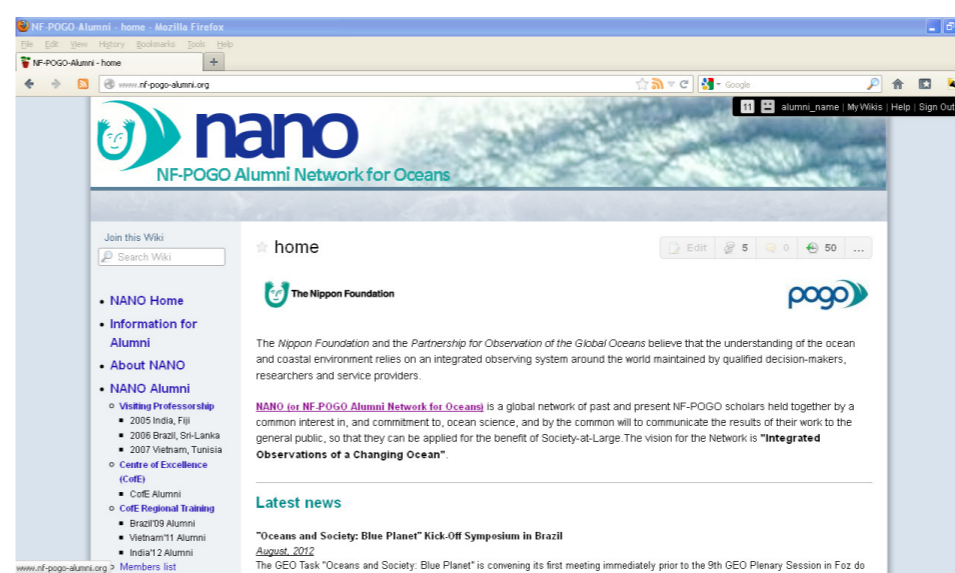
### Dissemination of Knowledge

#### Website

NANO website was launched in June 2010.

An average of 400 visits per day.

In the year 2014, Opportunities page reached more than 6400 views.



#### Newsletter

The network started its own biannual newsletter in September 2011, which can be downloaded from the NANO website.

### Find out more about



# nano

<http://www.nf-pogo-alumni.org>



日本 THE NIPPON  
財団 FOUNDATION

<http://www.nippon-foundation.or.jp>



<http://www.ocean-partners.org/>

