

The Global Ocean Observing System

2nd GOOS National Focal Points (NFP) Forum

24 October 2024, online

Session 3: NFP and GOOS Regional Alliance connection

Case Study: Benefits and opportunities for OCEATLAN Alliance

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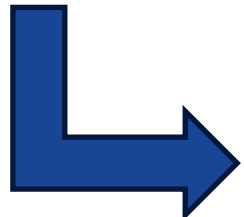
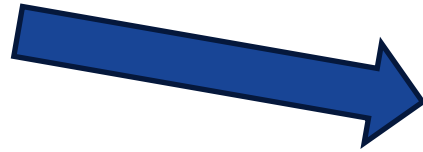
OCEATLAN REGIONAL ALLIANCE

The Regional Alliance for the Upper Southwest and Tropical Atlantic (**OCEATLAN**) represents the **regional efforts of institutions** from Argentina, Brazil, and Uruguay to jointly develop and implement an operational oceanographic system to monitor and investigate the oceanic processes in the Upper Southwest and Tropical Atlantic.



Case Study: OCEATLAN

- On March 2024, I received an email from IODE to assist other countries to build or improve their NODC.
- **GOOS NFP and IODE PoC.**
- Argentina offered for option *iii) hosting staff of the new NODC in your own NODC so they can acquire the necessary hands-on experience in ocean data management.*



28/5/24, 11:06 OceanTraining Internships Call - Host Institutions

OceanTraining Internships Call – Host Institutions

We are pleased to announce that the IOC OceanTraining Internships programme for 2024 is now open for applications from interested host institutions and mentors. The UNESCO–IOC Ocean Training Internships aim to provide opportunities for hands-on learning and upskilling through a temporary assignment at host institutions with expertise on subject areas relevant to the IOC mandate.

Call announcement:

Host institutions and mentors must:

- have the capacity to **host and supervise an ocean professional for up to 3 months**, between September and November 2024;
- have a **collaborative relationship working with programmes** linked under any UNESCO IOC global programmes or IOC Regional Sub–Commission Bodies;
- be willing to **co-design and implement a training plan** with specific deliverables contributing to implementation of work plans adopted by IOC Regional Sub–Commissions.

In general, interested host institutions are requested to prepare and submit the following:

- an expression of interest detailing the existing relationship of the institution to UNESCO IOC programmes and how the internship activities can contribute to the implementation of work plans adopted by IOC Regional Sub–Commissions (text file of maximum 500 words);
- a summary of existing support mechanisms for interns that are currently available in the host institution;
- a profile of the mentor/staff that will be responsible in coordinating with the CD Secretariat;
- a draft training plan for the interns including the tasks and deliverables expected.

While applications will be reviewed on a rolling basis, the deadline to complete all requirements for the application is 31 May 2024. Do not leave for the last minute since the system will close automatically. In case you have any questions please contact the organisers (email: ioc.training@unesco.org) well in advance and always using the name of the call in the subject. Be aware that given time differences you may not get a reply to your question(s) immediately.



To: Alvaro Scardilli

Dear Alvaro,

The IODE network of data centres has more than 60 years of experience in assisting countries that wish to establish an NODC. That has always been part of the IODE community spirit. Due to the lack of funding during the past decade this service has been less prominent. With the substantial financial injection that we received from UNESCO and the IOC Assembly in 2024 we would now like to revive this important service. The network now counts 59 NODCs (11 accredited) while IOC has 150 Member States so there is still some work to be done.

As leader of an established NODC you may be able and willing to help other starting NODCs or countries that wish to establish an NODC or countries that had an NODC which became inactive.

Such assistance could consist of:

- (i) answering questions on "how to";
- (ii) undertaking a visit to the (candidate) NODC to meet with staff and to provide advice;
- (iii) hosting staff of the new NODC in your own NODC so they can acquire the necessary hands-on experience in ocean data management.
- (iv) participating as lecturer in relevant (OTGA) courses.(*)

(* OTGA may organize relevant training courses

If you and your NODC host organization are able and willing to assist and mentor then please let us know as soon as possible. Please also indicate in what languages you can provide assistance.

Case Study: OCEATLAN

Unfortunately, no one from a Spanish speaking country replied to the call. Later, with part of IODE's team we found out that the call was not sent to all Member States. It was sent only to those with NODC already set.

Fortunately, being part of a GRA worked well!

In March 2024, one of the Member States of OCEATLAN, Uruguay, informed that they were developing their first NODC.

2) Centro de Datos Oceanográficos. El SOHMA continua en el desarrollo de la División CENDO dentro del Departamento de Oceanografía. El objetivo del Centro Nacional de Datos Oceanográficos es poseer una base de datos científicos oceanográficos de forma tal de centralizar y distribuir a los diferentes actores interesados la información generada por diferentes Instituciones. Como parte del proceso de desarrollo se continúa en las capacitaciones en el software ArcGIS pro, y se sigue trabajando en la representación geoespacial de los datos que se poseen. Se [continúa](#) realizando búsqueda, recolección de documentos, verificación de calidad de los datos para así establecer una calificación y orden de ese material.

Las intenciones del SOHMA son brindar a futuro una plataforma geoespacial interactiva que permita la visualización de los datos poseídos en CENDO.

After that, the suggestion was made to IODE and they approved the participation of a member from the Oceanographic Service of Uruguay.

HOST INSTITUTION/ LOCATION	WORKING LANGUAGE/S	MONTHLY COSTS (USD)	TOPICS COVERED	MENTOR
Servicio de Hidrografía Naval Av Montes de Oca 2124 Buenos Aires C1270ABV Argentina	Spanish	1300	Data Access and Development of Quality Control Standards, GIS tools and Coding for Database Improvement	Alvaro Scardilli
CSIRO NCMI Information and Data Centre 3 Castray Esplanade, Battery Point, Tasmania 7004, Australia	English	3000	Marine biodiversity data publishing	Katherine Tattersall
INVEMAR - Marine and Coastal Research Institute in Colombia Calle 25 #2-55, Playa Salguero Rodadero postal address) * Santa Marta, Magdalena 470006, Colombia	English/ Spanish	700	Ocean Data & Information, Capacity Development and Scientific Diplomacy	Carolina Garcia
Senckenberg Research Intitute and Natural History Museum Department of Marine Zoology, Biodiversity Information, Frankfurt am Main, Germany 60325	English	1500	Biodiversity Informatics, Biogeography, Ecological Niche modeling	Hanieh Saeedi
International Tsunami Information Centre Honolulu, HI USA (ITIC is a government institution located on military base. Military base access card, and government access card to be obtained with the assistance of the mentor)	English	2800	Tsunami	Laura Kong
INCOIS Indian National Centre for Ocean Information Services "Ocean Valley", Pragathi Nagar (BO), Nizampet (SO), Hyderabad, Telangana 500090, India	English	300	Oceanographic Data Analysis and Prediction, AI/ML applications in Oceanography, Visual Analytics	PavanKumar Jonnakuti

Case Study: OCEATLAN

Recommendations

- Get in contact with your GOOS Regional Alliance
- Be aware of opportunities and calls for programs, projects, internships, etc.
- Access final documents after meetings.
- Ask for specific opportunities for your country or region.



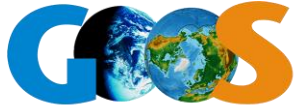
AÑO DE LA DEFENSA DE LA VIDA, LA LIBERTAD Y LA PROPIEDAD

BUENOS AIRES, May 30th, 2024.

Draft Workplan for IODE Internship Program at Servicio de Hidrografía Naval of Argentina



Activity	Outcomes expected	Benefits in return	Period
Reading bibliography on quality control standards	Comprehensive knowledge of quality control processes.	Secure understanding of quality control and limitations.	Weeks 1 and 2 of Month #1
Database operation learning	Basic use of SHN data base, capabilities and procedures.	Correct use of software and tools in the database	Weeks 1 and 2 of Month #1
Learning basic GIS functions	QGIS software understanding and first approach to the GIS tools	Secure basic knowledge on GIS	Weeks 3 and 4 of Month #1
Start of work in database	Data entry, validations, quality control	Conduct real processes of database workflow.	Month #2
Development of data entry tools	Development of new tools for the database users	Upgrade in the functionality of the database	Month #2
Learning advanced GIS functions	Deepening in the use of QGIS software	Correct use of software and tools in the database	Weeks 1 and 2 of Month #3
Development of GIS tools for linking with databases	New tools for visual and geographical use of the database	Upgrade in the functionality of the database	Weeks 3 and 4 of Month #3



The Global Ocean Observing System

Thank you

