

**Datum:**Fri, 1 Mar 2024 11:42:46 +0000

**Von:**Kerry Howell <[kerry.howell@plymouth.ac.uk](mailto:kerry.howell@plymouth.ac.uk)>

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Dear Challenger 150 endorsed projects,

As you may have heard there will be a UN Ocean Decade conference in Barcelona in April 2024. We would like to help promote the work of the projects endorsed under C150 via the DOSI booth in the main venue, and have an idea to do this by asking each project to make a 'postcard' about their project. The DOSI booth will have a postcard stand which invites delegates to brows and take postcards of interest.

With that in mind, and if you are interested in promoting your project, please could you provide a lovely image for the front of your postcard (ideally something people would want to have like a pretty deep sea beastie), a project logo if you have one you want to include, a brief blurb about your project for the left hand side of the postcard, some key aims / objectives / highlights / policy or societal outcomes of your project aligned to the aims of the ocean decade.

We will then format into postcards, print and display on the DOSI booth to promote your project. If you could please provide theses materials by Friday 15<sup>th</sup> March, to allow time for formatting, production and printing, that would be great.

Many thanks  
Kerry and Ana

Prof. Kerry Howell  
Professor of Deep Sea Ecology  
School of Biological and Marine Sciences,  
Plymouth University,  
Drakes Circus,



The biodiversity of the seabed fauna in the Aleutian Trench from an artist's perspective. Image by María Fernanda Rivera (©2024 )

Dr. Elva Escobar  
26. March 2024, 7:58 pm  
[Blog: AleutBio](#)  
[#AleutBio](#)

## AleutBio - science meets art

The image above contributes to the results of the AleutBio expedition by highlighting and visualising the biodiversity of marine organisms, thus contributing to their understanding.

As a participant in the AleutBio expedition, I discussed the OFOS videos with UNAM students, including María Fernanda Rivera Orozco, a student and young artist from the Faculty of Art and Design. She created the image that shows the biodiversity of hadal biota on the sea floor of the Aleutian Trench. AleutBio is linked to the UN Decade of Ocean Science and makes an extensive contribution to the Challenger 150 project. The image will be used on a postcard for the Challenger 150 project to publicise the contribution of the AleutBio expedition.

### The artist

María Fernanda Rivera Orozco, born in 2001, is a Mexican visual artist graduated from the Faculty of Arts and Design of the Universidad Nacional Autónoma de México (UNAM).

She has developed her work through painting, drawing, digital and analog photography; however, she is constantly learning and incorporating new disciplines that allow her to create art that responds to her interests. In her artistic practice she has worked with the portrait as a form of self-reflection and plastic exploration.

Currently, she is interested in working with topics and participating in projects of social and environmental importance within the arts. This interest has led her to delve into portraying marine diversity from her country and other places in the world. Her purpose is to raise awareness among people of all ages about the life within the ocean and to give visibility to scientific research that generates new knowledge, as well as to highlight the transdisciplinary work possible within this field.

### Her inspiration from AleutBio

Artistic creation can start from any source, you just have to give your sensitivity, and complete attention to your subject. That's the idea I've been navigating with since I started creating work based on marine themes.

Seeing places in our world of great importance that we don't usually perceive in our day-to-day lives is something that personally fills me with amazement. Being able to create a representation of that reality that can remain in my daily life and reach the awareness of more people, was what motivated me to make this painting. In addition, the process of making a painting requires a very careful observation and recognition of what is being captured; poetically, *the artist involves part of himself in her work and vice versa*. That exchange is also a very important driver in my artistic practice.

"Explorations in the Aleutian Trench" showcases numerous species that I encountered in the expedition videos. At the heart of the composition is portrayed a rattail fish, which I considered a companion throughout the recording, due to its frequent appearances and mesmerizing swimming style felt like a proud display of its habitat, captivating our attention with each graceful movement.

I believe that the arts offer a powerful means to express the wonder that we feel for this marine world, while also initiating conversation about topics that may not typically arise in our daily lives. If we allow ourselves to be amazed by the marine diversity that exists in our world and in the deep ocean, it could lead us to have a deeper awareness and responsibility towards its conservation and protection.

Dr. Elva Escobar



María Fernanda Rivera with her painting during the event *Puertas Abiertas 2024* of the Instituto de Ciencias del Mar y Limnología, UNAM.



Front of the AleutBio Expedition postcard



## Aleutian Trench Biodiversity Studies (AleutBio)

The AleutBio expedition aims to shed light on the distribution of marine organisms and contribute to the understanding of changes in biodiversity and its distribution in the North Pacific, the gateway to the Arctic.

Join us as, an international team of researchers from twelve nations, set to explore the diverse array of marine life within the Aleutian Trench—from the microscopic protists to the large megafauna — to uncover the extensive biodiversity hidden beneath the ocean's surface.

<https://aleutbio.sgn.one/>

Supporting the UN decades  
vision for a sustainable ocean  
future.



### Exploring the Unknown:

Venturing into unknown depth of the Aleutian trench, areas seldomly explored, to identify potential sources of pollution, contributing to a cleaner ocean.

### Species Discoveries:

Discovering new and elusive species, towards better understanding of marine ecosystems to protect, restore, and manage them for a healthy and resilient ocean.

### Trench Connectivity:

Studying shared species in ocean trenches to enhance our understanding of deep-sea responses to environmental shifts for a predicted ocean.

### Open Knowledge:

Providing open and equitable access to the data and information from deep-sea exploration for an accessible ocean.

### Deep-Sea Outreach:

Fostering an appreciation of the ocean's value in relation to human well-being and sustainable development for an inspiring and engaging ocean.

Archived: Maria Percec de Bona et al.

Information of the AleutBio Expedition postcard



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# Educación

Secretaría de Educación Pública

## DGETAyCM

Dirección General de Educación  
Tecnológica Agropecuaria y Ciencias del Mar



Subsecretaría de Educación Media Superior  
Dirección General de Educación Tecnológica  
Agropecuaria y Ciencias del Mar  
Oficina del Punto Focal de Coordinación con la  
COI-UNESCO en México

Ciudad de México, a 20 de febrero de 2025.

OFICIO No. DGETAyCM / OPF / 1155 / 2025

ASUNTO: Nombramiento.

**ELVA ESCOBAR BRIONES**  
**INVESTIGADORA DEL INSTITUTO DE**  
**CIENCIAS DEL MAR Y LIMNOLOGÍA. UNAM**  
**PRESENTE**

Refiero las sesiones del mes de octubre de 2024 del Comité Mexicano del Decenio (CMD) de las Naciones Unidas de las Ciencias Oceánicas para el Desarrollo Sostenible 2021-2030 en las que esta Dirección General a través de la Oficina de Punto Focal de Coordinación con la COI-UNESCO en México responsable de la coordinación del Decenio de las Ciencias Oceánicas, presentó la Hoja de Ruta para la implementación del Plan de Acción Estratégico de México (PAEM) para el Decenio y en la se propuso que para llegar a los objetivos planteados en el PAEM y Resultados del Decenio del Plan de Ejecución de la COI-UNESCO se nombrara un coordinador por cada uno de ellos, propuesta que fue aceptada por consenso de los Miembros del CMD.

Por lo anterior, se le nombra **Coordinador del Resultado 7. Un océano inspirador y estimulante**, con la finalidad de que coordine los trabajos de los Miembros del CMD e invitados, que, con base a sus atribuciones institucionales, funciones y actividades contribuyan a las metas establecidas en el PAEM 2021-2030.

Sin otro particular, le envío un cordial y afectuoso saludo.

**ATENTAMENTE**

SEP SEMS



**MARIO HERNÁNDEZ GONZÁLEZ**  
**DIRECTOR GENERAL**  
**PUNTO FOCAL DE COORDINACIÓN CON LA**  
**COMISIÓN OCEANOGRÁFICA INTERGUBERNAMENTAL (COI)**  
**DE LA UNESCO Y SU SUBCOMISIÓN PARA EL CARIBE Y**  
**REGIONES ADYACENTES (IOCARIBE) EN MÉXICO**

C.c.p. Pindaro Díaz Jaimes. Director del Instituto de Ciencias del Mar y Limnología. UNAM. Presente

C.c.p. Archivo.

MHG/JM/SCBA



**2025**  
Año de  
**La Mujer**  
**Indígena**

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