

## Science with and for Society – Project Partner Search Form

### CALL: Science with and for Society 2020

- ☒ I offer my expertise to participate as a Partner in a Project
- ☐ I am planning to coordinate a project and I am looking for Project Partners

Topics	
<b>Strategic orientation 1. Accelerating and catalysing processes of institutional change</b>	
<input checked="" type="checkbox"/>	SwafS-01-2018-2019-2020: Open schooling and collaboration on science education
<input type="checkbox"/>	SwafS-08-2019: Research innovation needs & skills training in PhD programmes
<input type="checkbox"/>	SwafS-23-2020: Grounding RRI in society with a focus on citizen science
<input type="checkbox"/>	SwafS-24-2020: Science education outside the classroom
<b>Strategic orientation 2. Stepping up support to Gender Equality in Research &amp; Innovation policy</b>	
<input type="checkbox"/>	SwafS-09-2018-2019-2020: Supporting research organisations to implement gender equality plans
<input type="checkbox"/>	SwafS-25-2020: Gender-based violence including sexual harassment in research organisations and universities
<input type="checkbox"/>	SwafS-26-2020: Innovators of the future: bridging the gender gap
<b>Strategic orientation 3. Building the territorial dimension of SwafS partnerships</b>	
<input type="checkbox"/>	SwafS-14-2018-2019-2020: Supporting the development of territorial Responsible Research and Innovation
<b>Strategic orientation 4. Exploring and supporting citizen science</b>	
<input checked="" type="checkbox"/>	SwafS-27-2020: Hands-on citizen science and frugal innovation
<input type="checkbox"/>	SwafS-28-2020: The ethics of organoids
<input type="checkbox"/>	SwafS-29-2020: The ethics of technologies with high socio-economic impact
<input type="checkbox"/>	SwafS-30-2020: Responsible Open Science: an ethics and integrity perspective
<b>Strategic orientation 5. Building the knowledge base for SwafS</b>	
<input checked="" type="checkbox"/>	SwafS-19-2018-2019-2020: Taking stock and re-examining the role of science communication
<input checked="" type="checkbox"/>	SwafS-31-2020: Bottom-up approach to build SwafS knowledge base

### 1) PROJECT INFORMATION

#### Field of expertise related to the topic:

The Institute of Marine Research (IIM-CSIC, [www.iim.csic.es](http://www.iim.csic.es)) performs a multidisciplinary marine research enabling an integrative and global understanding of marine ecosystems. Considering the scientific production, IIM-CSIC results in one of the top marine research institutes in Spain. It generates interdisciplinary knowledge directly connected to UNSD Goals, such as knowledge on oceans and climate to predict change and base urgent actions to combat or mitigate its impacts, on biodiversity and conservation to sustainably use the oceans, seas and marine resources or on food, bio-products and health to achieve food security, improved nutrition, healthy lives and well-being.

The conservation of the oceans and their biodiversity as well as the sustainable exploitation of their resources is only possible with an ocean-literate society able to make informed and responsible decisions. IIM-CSIC is committed to increase Ocean Literacy, working to engage citizens with marine research not only to raise knowledge on these topics, inspire STEM careers and foster critical thinking, but also to involve as many societal actors as possible in the scientific production process through co-creation actions. As a result, the centre has a long record on science communication initiatives such as outreach activities or citizen science projects, which are aligned with the cognitive, socio-emotional and behavioural learning objectives for SDG 14 "Life below Water".

#### **Potential contribution to the project:**

We offer our expertise to those projects working on the intersection of our strategic research areas (Oceanography, Marine Ecology and Resources, Biotechnology and Aquaculture and Food Science and Technology) and the RRI pillars of science education and public engagement (SWAFS-01, -27, -19, -31).

As for the topics SWAFS-01 and -27, the IIM-CSIC has broad experience in the science-society interface, having coordinated and participated in education and outreach activities at international and national levels. Furthermore, the centre works closely with the Scientific Culture Unit (UCC) of the CSIC's Delegation in Galicia, which has carried out several science communication projects in collaboration with organisations belonging to the Spanish System of Science, Technology and Innovation, as well as with both public and private institutions from other sectors in the sphere of culture, education, etc. Some of the main initiatives the IIM-CSIC has taken part in are:

- Big science festivals and fairs such as the European Researcher's Night or the Spanish Science Weeks, celebrated yearly, as well as activities in the streets, markets, etc.

- Outreach projects focused on primary and secondary schools such as: "Divulgar" ([www.facebook.com/divulgar](https://www.facebook.com/divulgar)), aimed at showcasing marine research through specific resources and material tailored for high school students; or "Exper-i-Ciencia CSIC" (<https://www.agenciasinc.es/Agenda/Exper-i-Ciencia-CSIC>), a regional project which gathered students, teachers and researchers to discuss and learn together, reaching almost 15.000 students in its five editions. Activities in Special Education Schools for disabled children, have also been included.

- Audiovisual supporting material such as "KaleidoLabs" (<https://www.youtube.com/user/KaleidoLabs>), educational videos for children between 0 and 3 years old; or documentaries like "SyngDOC" (<https://www.youtube.com/watch?v=wSOA4sFmZgg>).

- Initiatives merging science and arts, focused on a trans-disciplinary approach to knowledge reaching a wider range of publics: the "Neuston Project" (<https://journals.openedition.org/midas/896>), a book and an art exhibition born out of the dialogue and collaboration of IIM-CSIC researchers and Galicia renown literary and plastic artists, which was presented at ESOF2008 and shown in different countries; "Cociña con Ciencia" (Cooking with Science, <http://www.cocinaconciencia.csic.es/>), a scientific show-cooking with a renowned chef talking about food security; or the scientific theatre play "Qué trabajo tan curioso" (What a strange job, <http://www.delegacion.galicia.csic.es/inicio/-/contenido/6943945c-59b8-4dd9-9a2c-3f7cfdcf0184>) that intends to increase visibility of women in science while presenting microbiology research to the audience. Less-heard publics have also been considered (e.g. activities developed in penitentiary centres).

- Citizen Science projects, seeking society contribution to the knowledge production process. Some examples are: "Observadores del Mar" (Ocean Observers, <https://www.observadoresdelmar.es/>) a project where citizens contribute recording their observations from nature and other phenomena; or "iNaturalist", where several IIM-CSIC researchers take part in.

Regarding the topics SWAFS-19 and -31, both the IIM-CSIC and the UCC have qualified researchers in the Science, Technology and Society (STS) field, who have expertise in qualitative research and data analysis, with a focus on participatory activities such as Mobilisation and Mutual Learning actions, as well as experience in evaluating public engagement projects. Their research lines are: public perceptions and attitudes towards science and technology, responsible research and innovation and other STS strands such as evaluation or the public engagement institutionalization in Europe.

**Role in the project:**

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Research | <input checked="" type="checkbox"/> Dissemination          | <input checked="" type="checkbox"/> Other |
| <input checked="" type="checkbox"/> Training | <input checked="" type="checkbox"/> Technology Development |   |

Project idea:

Project description:

Already experience as a Coordinator: ☐ yes ☒ no

As a Partner: ☐ yes ☒ no

If "yes", which project:

Other partners in consortium already identified (with countries):

## 2) TARGET COORDINATOR / PARTNER SOUGHT

**Organisation details:**

- |  |   |
|--|---|
| <input type="checkbox"/> Higher education / university   | <input type="checkbox"/> Industry / SME |
| <input checked="" type="checkbox"/> Research institution | <input type="checkbox"/> Other          |
| <input type="checkbox"/> NGO                             | Please specify:                         |
| <input type="checkbox"/> Education                       |   |

**We are looking for following Expertise / Competencies:**

## 3) CONTACT DETAILS

Contact Person:

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☐ Ms ☒ Mr

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Short profile of the Organisation:

The Spanish National Research Council (CSIC, [www.csic.es](http://www.csic.es)) is the largest public institution dedicated to research in Spain and the third largest in Europe. Its mission is to foster, coordinate, develop and promote scientific and technological research of a multidisciplinary nature, in order to contribute to advancing knowledge and economic, social and cultural development, as well as to train staff and advise public and private entities.

CSIC has 11.085 employees, including 3.764 researchers. CSIC has 120 Institutes spread across the country and covering different areas of Science and Technology. 6 of them are devoted to Marine Sciences. CSIC manages Spanish Singular Scientific and Technological Infrastructures (ICTS) related with the exploration of the sea such the Hesperides and Sarmiento de Gamboa Ocean Research Vessels or the Juan Carlos I Antarctic Base. CSIC produces 20% of the Spanish scientific output (more than 12.000 ISI paper in 2014) and CSIC remains the leading patent filer among research bodies in Spain with more than 180 patent requests published in 2014.

CSIC is a major player in the development of the European research area and therefore a significant contributor to the European integration process. In H2020 (2014-2018) CSIC has obtained 446 projects with a total EU financial contribution of 181 million euros. As E-CORDA points out CSIC is listed the 1st organisation in Spain and the 3rd participant within the research organization by number of projects. CSIC is a major player in the ERC programme with a total of 87 projects signed as Host Institution in all areas of knowledge.

The dissemination and social communication of science to the general public is one of the main actions carried out by the CSIC. This work is coordinated from by the Assistant Vice-President's Office for Scientific Culture (VACC) via the CSIC's Scientific Culture Network, which includes the Scientific Culture Unit (UCC) of the CSIC's Delegation in Galicia. The main objective of this unit is to bring the research carried out in the five CSIC's centres in Galicia closer to the general public.

Some of the UCC's most important functions include:

- bringing Science closer to the Education community
- establishing stable collaborative relations with other organisations on matters relating to Scientific Culture
- involving and supporting staff belonging to the Council's CSIC centres in Galicia who decide to carry out initiatives relating to Scientific Culture
- developing innovative actions in attractive formats in order to obtain a greater degree of publicity diffusion and visibility
- supporting and publicising actions led by the Assistant Vice-President's Office for Scientific Culture

The Institute of Marine Research (IIM-CSIC, [www.iim.csic.es](http://www.iim.csic.es)) belongs to the Spanish National Research Council (CSIC) and is focused on the study of three Technical and Scientific Areas: Natural Resources, Agricultural Sciences and Food Science and Technology. IIM is organised in four departments: Oceanography, Ecology and Marine Resources, Biotechnology and Aquaculture, and Food Science and Technology. It generates interdisciplinary knowledge on i) Oceanic and coastal systems, ii) Marine life and ecosystems and iii) Biological systems and processes.

**Date:** 13/01/2020

**The offer is valid until:** 15 April 2020

I agree that my information is forwarded within the SwafS NCP network

☒ YES ☐ NO



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**PLEASE FILL THE FORM AND RETURN IT TO YOUR HORIZON 2020 NATIONAL CONTACT POINT FOR SCIENCE WITH AND FOR SOCIETY.**



Horizon 2020