

## Call for proposals - Synthesis Working Groups (SWG)

Synthesis Working Groups (SWG) support collaborative, outcome-oriented synthesis projects across and beyond the Cluster. Applications are submitted by small teams and may focus on data-driven, model-based, or conceptual synthesis.

**Submission must be carried out by a Cluster member. Only formally complete applications will be considered. Further details on the submission process are provided below.**

***Fields marked with \* are mandatory.***

### 1. Basic Information

**Proposed Title of the SWG \***

(max. 200 characters)

**Acronym \***

(max. 30 characters)

### 2. Submitting proponent (Member of the OCEAN FLOOR cluster)

***The submitting proponent is formally responsible for the submission and must be a member of the Cluster.***

**Proponent 1**

Full name \*

Institutional affiliation \*

Email \*

Role in the OCEAN FLOOR cluster \*

Please select...

☐

I confirm that I am a member of the EXC OCEAN FLOOR and submit this application on behalf of the consortium. \*

### 2. Further proponents

***Applications must include at least three proponents. At least one proponent must be a Cluster member (see above) and at least one an (inter)national external expert.***

**Proponent 2**

Full name \*

Institutional affiliation \*

Email \*

Role in the SWG \*

Please select...

**Proponent 3**

Full name \*

Institutional affiliation \*

Email \*

Role in the SWG \*

**3. Project Information****Description of the proposed project \*** (max. 4.000 characters incl. spaces)**Concise hypotheses \*** (max. 2.000 characters incl. spaces)**Methods \*** (max. 2.000 characters incl. spaces)**Data and code management plan \*** (max. 2.000 characters incl. spaces)

Statement on equity, diversity and inclusion \* (max. 2.000 characters incl. spaces)

#### 4. Alignment with Ocean Floor Cluster Framework \*

**Please explicitly link the proposed SWG to the Ocean Floor Cluster's main hypotheses and focal topics (max. 3.000 characters incl. spaces)**

#### Overarching Objectives \* (multiple selections possible)

- ☐ Biogenic particles
- ☐ Element fluxes
- ☐ Ocean-floor ecosystems
- ☐ Warmer worlds

#### Research topics (multiple selections possible)

- ☐ Strength and efficiency of the biological carbon pump
- ☐ Lateral transport
- ☐ Quantifying carbon fluxes
- ☐ Energy and element fluxes
- ☐ Vents and seep fluxes, and far-field effects
- ☐ Response of ocean-floor ecosystems to environmental change
- ☐ Ocean biodiversity change
- ☐ Biological carbon pump in warmer worlds
- ☐ Forcing, feedbacks and thresholds
- ☐ Temperature viability and extremes

### 5. List of Participants \*

Please list all expected participants, **including proponents**. Total group size must not exceed 20 persons.

| No. | Full name | Affiliation |
|-----|-----------|-------------|
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### 6. Declarations and Submission \*

**Please confirm the following statements:**

- ☐ The application involves at least three proponents.
- ☐ At least one proponent is a Cluster member.
- ☐ At least one proponent is an external (inter)national expert.
- ☐ **CVs for all proponents** will be submitted via email.

#### Submission instructions:

Please send the completed application form (please do not flatten or print the PDF) and all required documents by email to: **exc-head-office@marum.de**

Required subject line: **SWG Application – [Acronym]**

You will receive a confirmation of receipt.

Applications are checked for formal eligibility before being forwarded to the evaluation committee.