



## Workshop: RAS (Register of Antarctic Species)

We gather taxonomic editors from RAS and RAMS (marine part of RAS) in this workshop in order to work on the geographic and thematic scope. The thematic scope will be adding trait information to both registries based on the priority traits defined by Costello et al. (2015) and extended to regional checklists of native and invasive species.

Biological and ecological traits are described by a rich terminology, that has developed over a large period of time and may vary regionally. A standard vocabulary for WoRMS was initiated in 2013. This vocabulary and classification could be expanded to provide more detail for specific taxa, ecological function or regions, specifically those in the polar regions.

### **Aims:**

The aims link directly with the above information:

- Learn the editors how to work with the online editing interface
- Validate/add information for RAS
- Prioritisation of traits for the Southern Ocean
- Evaluation of existing vocabularies and suggestions for additions where needed

### **Venue:**

Flanders Marine Institute (VLIZ) – Wandelaarkaai 7, 8400 Oostende

- 25-28 November 2019

### **Participants (to be confirmed):**

Anton Van de Putte, Yi Ming Gan, Quentin Jossart, Stefano Schiaparelli, Katrin Linse, Pete Convey, Christian D. Jersabek, Faradina Merican, Julian Gutt, Yan Roper Coudert, Lidia Lins Pereira, Gemma Elyse Collins, Susanne Lockhart

### **Monday 25 November 2019 (day 1)**

#### **9h:**

- Welcome [Anton Van de Putte]
- Practical information [Leen Vandepitte]
- Round table [all]
- Short introduction by responsible organising editor [Anton Van de Putte]
- General introduction to WoRMS [WoRMS DMT]

**10h30: coffee / tea break (30')**

**11h:**

- WoRMS online editing Demo [WoRMS DMT]
  - o How to edit online as thematic editor
  - o Overview of existing tools & functionalities

**12h30: sandwich lunch**

**13h30:**

- WoRMS online editing Demo [WoRMS DMT]
  - o Focus on traits

**15h: coffee / tea break (30')**

**15h30:**

- Hands-on online data entry

**17h30: End of day 1**

**Tuesday 26 November 2019 (day 2)**

**9h:**

- Sum-up of day 1
- Hands-on online data entry (continued)

**10h30: coffee / tea break (30')**

**11h:**

- Prioritisation of traits for the southern ocean

**12h30: sandwich lunch**

**13h30:**

- Prioritisation of traits for the southern ocean (continued)

**15h: coffee / tea break (30')**

**15h30:**

- Evaluation of existing vocabularies and suggestion for addition where needed

**17h30: End of day 2**

**19h: Dinner in Ostend, offered by LifeWatch Belgium (restaurant tbd)**

<b>Wednesday 27 November 2019 (day 3)</b>
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**9h:**

- Evaluation of existing vocabularies and suggestion for addition where needed (continued)

**10h30: coffee / tea break (30')**

**11h:**

- Hands-on online data entry// Breakout session: how can trait data serve other initiatives

**12h30: sandwich lunch**

**13h30:**

- Hands-on online data entry (continued)

**15h: coffee / tea break (30')**

**15h30:**

- Hands-on online data entry (continued)

**17h30: End of day 3**

<b>Thursday 28 November 2019 (day 4)</b>
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**9h:**

- Hands-on online data entry (continued)

**10h30: coffee / tea break (30')**

**11h:**

- Hands-on online data entry (continued)

**12h30: sandwich lunch**

**13h30:**

- Summary of the breakout session + short and long term vision of RAS

**15h: coffee / tea break (30')**

**15h30:**

- Wrap up of the workshop

**16h: End of workshop**

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### Some important practical information for the hands-on online data entry

- Bring your own laptop
- Please can all participants bring with them a dataset or some literature with taxa and trait information.  
E.g. This can include a list of traits that can be added to the database. Training will be provided in how to carry out additions of new information and editing/updating of problematic data.

TRAIT CLASS	Proposed priority traits	Relevant applications	Existing resources
<b>TAXONOMIC</b>			
	Taxonomic *		<a href="#">RAMS</a> & <a href="#">RAS</a>
<b>DISTRIBUTION</b>			
	<b>Environment*</b>		
	Geography*		AntOBIS, AntaBIF
	<b>Depth*</b>		
	<b>Substratum*</b>		
<b>BIOLOGICAL</b>			
	<b>Life Stage</b>		
	Body-size*		<a href="#">solong</a>
	Life History & reproduction*		
	Physiology	DEB models	

<b>ECOLOGY</b>			
	Mobility*		
	<b>Skeleton*</b>	Ocean acidification	
	<b>Diet and trophic Level*</b>	Functional Role/ Ecopath Models	<a href="#">sohungty</a>
<b>SOCIETAL</b>			
	Fisheries	<a href="#">CCAMLR</a>	
	<b>Invasive species</b>	<a href="#">CCAMLR</a> , <a href="#">CEP</a>	<a href="#">GRIIS</a>
	<b>Indicators of ecosystem conditions</b>	<a href="#">MEASO</a>	