



Global Ocean Acidification  
Observing Network

## GOA-ON WEBINAR SERIES



**Unifying biological field observations to detect and compare ocean acidification impacts across marine species and ecosystems**

Presented by

**Dr. Sam Dupont,**

Senior Lecturer & Associate Professor,  
University of Gothenburg

**Dr. Steve Widdicombe,**

Professor & Director of Science,  
Plymouth Marine Laboratory

**Wednesday, January 27, 2021 at 16:00–17:00 CET (UTC +1)**

**To register for this webinar:**

<https://attendee.gotowebinar.com/rt/2927494101675604495>



**Webinar description:** A Biological Working Group was established within GOA-ON to propose an optimal monitoring strategies (frequency and duration) to observe biological rates of change, allowing combining these data at regional and global scales. We will summarize this strategy focusing on rate of change of biological responses that can then be correlated to the rate of change of OA chemistry. Five fundamental traits and their observable indicator factors were identified: calcified organisms and calcification, autotrophs and primary production, heterotrophs and secondary production, biodiversity and community structure, as well as genetic adaptation.



Ocean Acidification  
International  
Coordination Centre  
**OA-ICC**

