



# 8<sup>th</sup> International Symposium on Gas Transfer at Water Surfaces

19 May – 22 May 2020, Plymouth Marine Laboratory, UK

Bringing together approximately 150 scientists from countries all over the world, this 5-yearly symposium covers all domains where atmosphere and water meet, which include but are not limited to, fresh water, estuarine, mountain, glacial, marine (coastal and open ocean) and polar regions.

## FOCUS

Physicochemical and biogeochemical processes that govern atmosphere-water gas exchange and fluxes, which include turbulence, shear, breaking waves, bubbles and natural and anthropogenic surfactants.

## TOPICS

The organisers welcome topics including field observations, laboratory and numerical studies, near-surface processes, biological effects including surfactants, the micro-layer, remote sensing, global scale processes and many more.

## SUPPORT

We are pleased to be able to offer reduced registration fees for students and those from developing countries to enable participation from across the field. In addition, some financial support is available for early career scientists and to help promote women in science.

**REGISTRATION:** [www.pml.ac.uk/GTWS2020](http://www.pml.ac.uk/GTWS2020)  
Early bird registration closes 15<sup>th</sup> November

**ABSTRACT deadline:** 14 February 2020

## KEYNOTE SPEAKERS:



**Sally McIntyre**, University of California, USA: *Freshwater gas exchange: from the Amazon to the Arctic*



**Christa Marandino**, GEOMAR, Germany: *Gas transfer in the open oceans*



**Lucy Carpenter**, University of York, UK: *The role of chemistry in air-sea fluxes*



**David Woolf**, Heriot Watt University, UK: *Bubbles and gas transfer*

## FURTHER DETAILS

Visit: [www.pml.ac.uk/GTWS2020](http://www.pml.ac.uk/GTWS2020)

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