

Séminaire vendredi le 29 mai 2015 11:00 / Seminar Friday May 29th 2015 11:00h

Sujet/Subject: Wind Waves as a Link Between the Ocean and Atmosphere

Langue/language : Anglais/English

Conférencier/Lecturer: Alex Babanin (Centre for Ocean Engineering, Science and Technology, Swinburne University, Melbourne, Australia)

Résumé/Abstract:

It is rapidly becoming clear that many large-scale geophysical processes are essentially coupled with the surface waves, and those include weather, tropical cyclones, climate and other phenomena in the atmosphere, at air/sea and sea/land interface, and many issues of the upper-ocean mixing below the surface.

Besides, the wind-wave climate itself experiences large-scale trends and fluctuations, and can serve as an indicator for changes in the weather climate.

In the presentation, we will discuss wave influences at scales from oceanic turbulence to climate, on the atmospheric and oceanic sides.