**Satellite Ocean Color Remote Sensing and**

**Environmental Applications**

***Seminar given by committee member of the***

***the International Ocean-Colour Coordinating Group* (*IOCCG*)**

**3 April 2019**

In the frame of the 24th International Ocean-Colour Coordinating Group *(*ioccg.org*)* meeting that will take place at USTH the 4-6 April 2019, a seminar on ocean color remote sensing and related environmental applications will be given the 3rd of April 2019 from 14h00 to 16h30 (room number to be confirmed later). Five complementary lectures will introduce the theory of ocean color remote sensing and present examples on the use of this technology in integrated coastal zone management. This seminar is open to all students and researchers.

**14h00-14h20**: Basics of ocean color remote sensing and example of applications for the

Mekong delta area.

*Dr. Hubert Loisel (ULCO; France)*

**14h20-14h30:** Questions

**14h30-14h50:** Atmospheric correction for satellite ocean color radiometry.

*Dr. Cédric Jamet (ULCO; France)*

**14h50-15h00:** Questions

**15h00-15h20:** Source and quantification of uncertainties in ocean color remote sensing.

*Dr. Frédéric Melin (JRC; Italy)*

**15h20-15h30:** Questions

**15h20-15h30:** Ocean Colour and Fisheries: harvesting, stock assessment, and management.

*Dr. Cara Wilson (NOAA; USA)*

**15h30-16h00:** Questions

**16h00-16h20:** Satellite Ocean Colour for Operational Monitoring of Marine Ecosystems.

*Dr. Emmanuel Devred (BIO, Canada)*

**16h20-16h30:** Questions

**16h30** End of the seminar