

Report thesis projects Italia-France

During the master degree in “Biology and Ecology of Marine Environment and Sustainable Use of Marine Resources”, the students Antonio Nevola and Raffaele Pezzella, won a scholarship called “Saperi Senza Frontiere” that allowed them to begin their thesis projects at the Institut Français de Recherche pour l'Exploitation de la mer (Brest, France).



Under the supervision of dr. Daniela Zeppilli (Researcher in the IFREMER, Institut Français De Recherche pour l'Exploitation de la mer) Antonio and Raffaele had spending four months in Le Conquet, France (October 2018 – February 2019).

Deep Sea News n° 31
29 octobre au 11 novembre 2018

Bienvenue à :

- **Mark Zindorf**, en post-doc '1D Numerical modelling of diagenetic processes in the Zambesi deep-sea fan' au LEP à compter du 05/11/2018. Encadrement L. Pastor
- **Raffaele Pezzella et Antonio Nevola** – Université de Naples, arrivés le 22/10/2018 pour 4 mois dans le cadre du projet « Programma di Internazionalizzazione dei Corsi di Studi Contributo per l'Annualità 2017- Bando Saperi senza frontiere »

Réunion du GT ADN environnemental le 30/10/2018 en visioconférence Brest/Paris.
Participation Marie-Anne Cambon-Bonavita

Festival Pariscience : festival international du film scientifique – 15 au 31/10/2018 à Paris
– Participation de Daniela Zeppilli – LEP - dans la catégorie **Jury Grand Ecran**

Formation 'méthodes statistiques pour l'analyse de données' – 7 au 9/11/2018.
Participant : C. Brandily

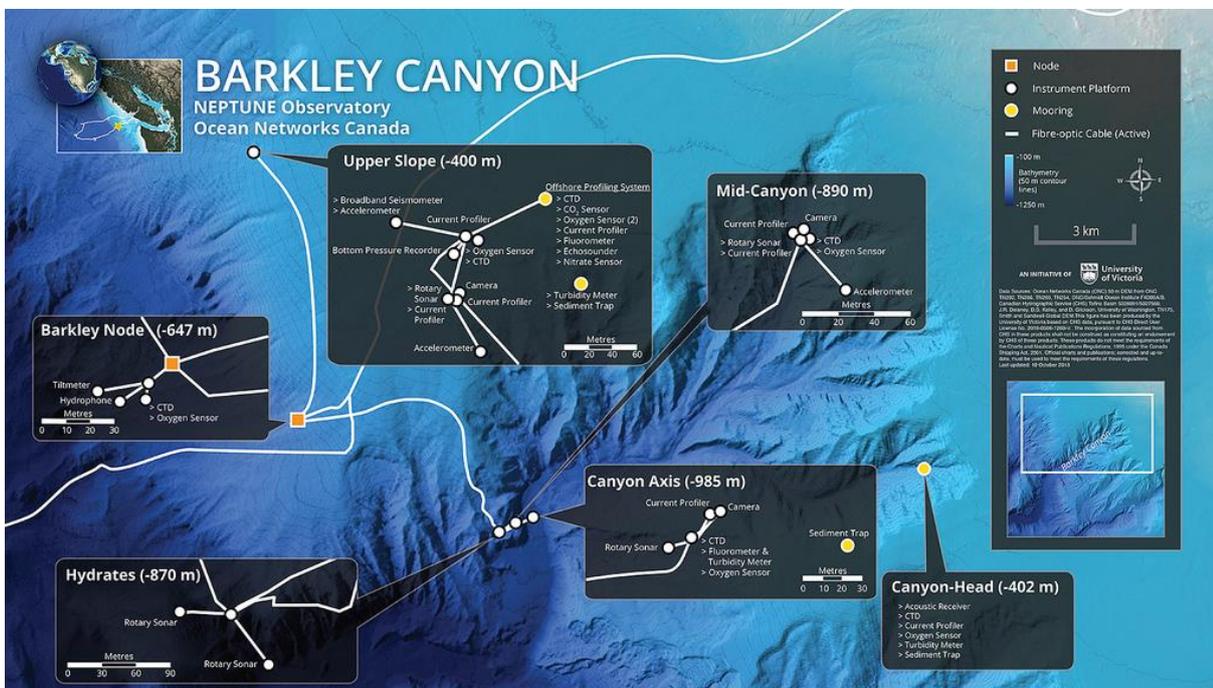
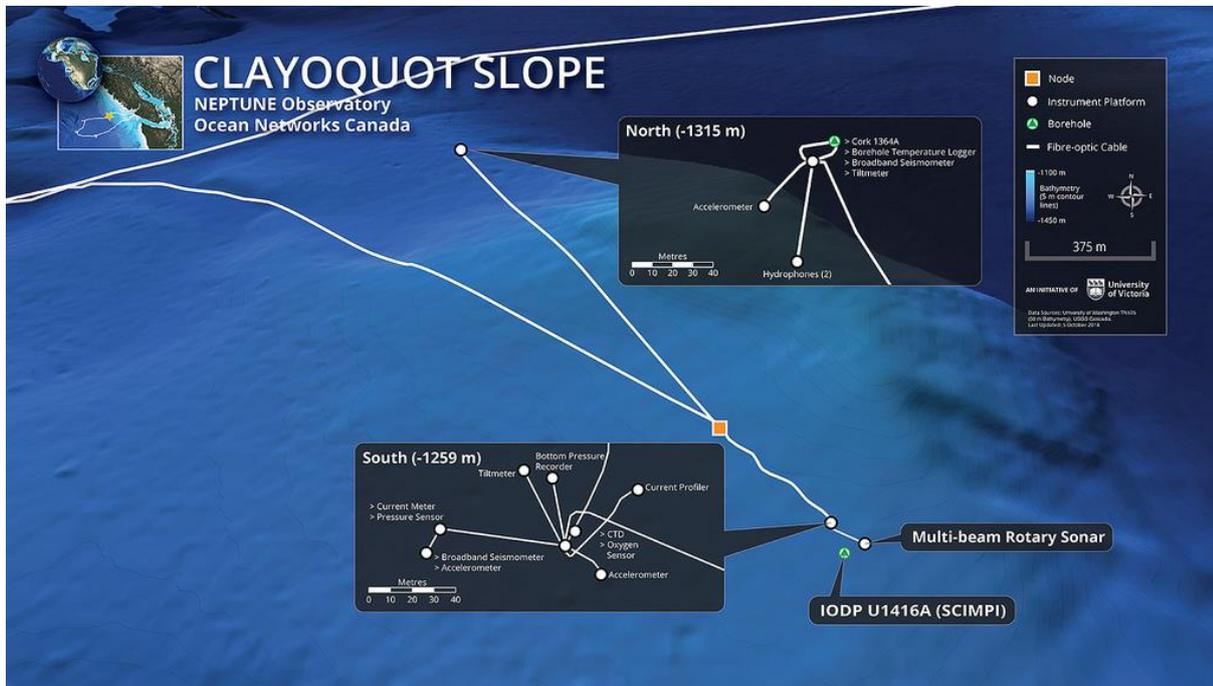
Catherine Borremans – 5 au 7/11/2018 à Barcelone – Conférence **IMDIS**
Laurent Bignon, Nicolas Gayet, Marie-Anne Cambon & Valérie Cueff – 5 au 8/11/2018 à Toulon – Préparation outils campagne Chubacarc

Fanny Girard – 7 au 9/11/2018 à Paris – Collaboration sur chaîne de thermistance et courants sur Tour Eiffel

The student will complete their thesis under the supervision of Professor Anna Di Cosmo, Department of Biology - University of Naples Federico II.



Both thesis projects are focused on marine meiofauna: Antonio is focused on the temporal variation of meiofauna communities from cold deep-sea sediment at Clayoquot Slope, lies about 1250 m below sea level on the mid-continental slope off south-central Vancouver Island, while Raffaele is investigating spatial variation of meiofauna community associated to Barkley Canyon, extending from the continental shelf edge, at a depth of 400 m, and continuing down the continental slope to the canyon axis, at a depth of 985 m.



Meiofauna organisms play a key role in sea-benthic communities, they are highly abundant and have an important functional role in the sediment. In particular, Nematodes are the most abundant and diversify taxa representing a very important group to study. During their permanence in France Antonio and Raffaele have been done the extraction, sorting and preparation of permanent slides for working on the identification of Nematodes species with a classical taxonomical approach.

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