**The internet-connected ocean: A powerful multidisciplinary teaching resource**

Ocean Networks Canada (ONC) operates and maintains cabled observatories to monitor the ocean and inform decision making. The observatories feature a variety of instruments deployed in diverse habitats at different depths and on the seafloor that continuously collect data on multiple oceanographic parameters such as salinity, dissolved oxygen, temperature, turbidity, and currents, as well as record deep-sea video and underwater sound. The data collected are transmitted in real time through fiber optic cable and are freely available to students, researchers, and educators through ONC’s data portal ([www.data.oceannetworks.ca](http://www.data.oceannetworks.ca)). Consequently, these observatories have the potential to be used to develop teaching material for a diverse group of science courses ranging from oceanography, marine biology, and core biology courses such as animal behavior, ecology, and ichthyology. In this workshop, participants will learn how to use all the data tools available for teaching through a combination of hands-on activities and examples of previously developed laboratory materials currently being used in undergraduate courses. Through a group discussion, participants will explore the interdisciplinary nature of the data and potential courses where the data can be used to meet specific learning outcomes.