



Educational Video Series

Ocean Education: Elementary School

Title: Canada C3 Science Leg 2: Fish Telemetry and the Marine Litter Challenge

URL: <https://canadac3.ca/en/video/canada-c3-science-leg-2/>

Overview: This 3-minute video explores two research projects conducted on Leg 2 of the Canada C3 Expedition: fish telemetry and microplastics, including the 90-second Marine Litter Challenge. Discuss with your students the significance of this research, why it's relevant to all Canadians and how the learning can be applied in your classroom and your community.

Discussion Questions:

- Daniel studies the behavior of fish from the Great Lakes and into the Atlantic Ocean. What can we learn from the movement of fish? What does migration mean? What other species in Canada migrate?
- What do you think of Lyne's 90-second Marine Litter Challenge? Is it a good idea? Can shoreline clean ups help protect or improve Canada's waterways (i.e., rivers, lakes, ocean)?
- How are you connected to Canada's waterways?
- What are the challenges we face in protecting our waterways?
- Near the end of the video, Lyne talks about the need to "raise awareness" about marine litter. Do you think this is important too? How can citizens like you help scientists like Lyne?
- Design your own 90-second challenge in your school or community for you and your peers to do that could help improve or protect Canada's waterways.

Read Bios and Learn More:

[Dr. Lyne Morissette](#) is an ocean scientist that was on Leg 2 of the Canada C3 expedition. She is the Chef de la Mission for [Mission 10 Tonnes](#)— check it out!

[Daniel Hatin](#) is a fisheries biologist who works on the St. Lawrence River. To learn more about his work check out the [St. Lawrence Global Observatory](#) and the Fish Monitoring Network

Extended Learning Resources:

1. Watch a live [Google Hangout](#) with Lyne on board Canada C3 as she chats with classrooms from across the country about her research.
2. Check out the [Great Canadian Shoreline Clean Up](#) project
3. Share your ideas with Canadian Government on moving towards [zero plastic waste](#)