Wicked Problems, Wolfpack Solutions • Global Change

Oil: The Carbon Cycle in Its Liquid Form

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ABSTRACT

In this podcast, Ethan Hyland, Ph.D. discusses where the oil we use today came from and how its source is different from that of coal. He discusses what oil and its related products are used for today, and how reintroducing carbon from stable storage back into the active global carbon cycle affects our environment.

Originally from the outdoors of rural Maine, Ethan Hyland got his bachelor's in geology from Carleton College. He then worked for the National Park Service before returning to the University of Michigan for a master's in paleobotany, a certificate in science policy, and a Ph.D. in paleoclimatology and sedimentology (geology). Hyland then served as the "Future of Ice" postdoc at the University of Washington and spent time as a visiting scientist at Los Alamos National Laboratory before coming to NC State to start the [Paleo³ Research Group](#) in 2017. Hyland is an associate professor in the Department of Marine, Earth and Atmospheric Sciences at NC State.

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Oil: The Carbon Cycle in Its Liquid Form (Ethan Hyland)

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TRANSCRIPT**SUPPLEMENTAL MATERIALS**

1. [Paleo³ Research Group website](#)