



2021 Eagle Hill Institute
Online Natural History Seminars
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A Global Ecology Journey

Professor Douglas Zook
June 19th – July 17th, 2021

This mini-course journey reveals key examples of the vast network of long distance ecological connections and impacts across the biosphere. Emphasizing a visual discovery approach, we explore some of these global linkages such as the global subterranean symbiotic labyrinth represented by mycorrhizal fungi; essential element sequestration in land- and sea-scapes through microbial life processes; the movement of air currents carrying key nutrients over remarkable distances; the importance of the Amazon to global ecosystem stability; bacteria as a single global organism; the ubiquity of symbiosis in evolution and global ecology; how global ecology resonates from Humboldtian thinking; and discovering examples of key science-based grassroots leaders in countries throughout the world who are prioritizing biosphere protection and earth-centered ethics.

Scheduling Details

June 19, June 26, July 3, July 10, and July 17

7PM–9PM ET

Participants need to have a Zoom account (<https://zoom.us> sign up for zoom is free). You will receive a secure link to join the instructor before each class. Classes will be recorded so participants can review them or make up missed ones.

For more information regarding seminar costs and registration please visit:
<https://www.eaglehill.us/programs/sems-online/general-info.shtml>

About the Instructor



Douglas Zook (dpzook@gmail.com) received his PhD in Ecology with particular focus on lichens from Clark University. He was selected and served on three occasions as a Fulbright Scholar in Germany and Poland. At Boston University for 28 years, Doug with friend and esteemed colleague the late Lynn Margulis started the Microcosmos project in the late 1980s that helped to bring the importance of the vast microbial world into school curricula nationwide and overseas. As professor, he focused on teaching global ecology, symbiosis, and overseeing the preparation of students to become engaging science teachers. He has led field trips to the most biodiverse area of the Amazon in eastern Ecuador as well as to New Zealand and has given over 200 invited presentations, including at Oxford, Krakow, Tuebingen, Barcelona, Auckland, Ottawa, New York Academy of Sciences, etc. Doug has brought his Global Ecology Education Initiative to UMass/Boston and its School for the Environment.