

Identifying and Resolving Critical Collisions between Transportation and Ecosystems



Transportation systems cause negative changes in adjacent and distant ecosystems' characteristics and processes. These changes are usually not mitigated during construction, maintenance and "re-construction" of facilities. Impacts to endangered ecosystems and species are usually more noticeable and likely to trigger more effective mitigation. Dr. Shilling will discuss ways to identify these impacts and possible mitigation strategies.

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The aspiration of sustainable transportation is built on the premise that we identify and resolve impacts to natural and human systems. If we don't, the aspiration becomes a myth and nature and people will suffer.”

Fraser Shilling, Ph.D. is Director of the Road Ecology at UC Davis and faculty in the graduate groups of Ecology and Transportation Technology & Policy. He is especially interested in pressing conservation and social problems that seem intractable.

RSVP required. Lunch will be served.