



Ecosystems Connections Institute – Summer Research/Practicum 2025

Ecosystems Connections Institute is offering a summer research opportunity focused on the Eel River in northern Indiana during the summer of 2025. This position will include working side-by-side with professional scientists and one graduate student on ecological restoration research initiatives across Indiana with a focus on the Eel River of Northern Indiana. See out our website for more information on ECI and our projects: www.ecosystemsconnections.com.

Project Descriptions:

1. Fish passageway and recolonization of fish into the Eel River basin after removal of two low-head dams.
 - a. Examine efficacy of the fish passageway around the Stockdale Mill Dam.
 - b. Assist with fish sampling using electrofishing methodology and PIT tagging fish.
2. Eelgrass restoration research.
 - a. Plant Eelgrass at restoration sites in the lower Eel River.
3. Understanding Invasive Carp (previously known as Asian Carp) population dynamics and movement in the Upper Wabash River Basin.
 - a. Assist with surgically implanting Silver Carp (*Hypophthalmichthys molitrix*) with acoustical transmitters
 - b. Assist with harvesting otoliths from Silver Carp
4. Assessment of low-head dam removal sites
 - a. Assist with surveying and measuring stream habitat using the Qualitative Habitat Evaluation Index (QHEI).
 - b. Assist with fish sampling and completing site specific Index of Biotic Integrity (IBI) evaluations.
 - c. Creating a Bathymetric map of a stream using Acoustic Doppler Current Profiler (ADCP) technology.

Pay: \$15 per hour for 400 hours. Interested students should contact Kyle Boone for details or submit a cover letter and resume to the email below. Applications are due 15 March 2025.



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