

# AMERICAN MADE WATER PRIZE FISH PROTECTION PRIZE



U.S. DEPARTMENT OF ENERGY

## COVER PAGE DISCOVER COMPETITION

DESIGN STAGE

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### **Fish Tracker**

Tagline: Self-powered tracker for fish protection

## Short Description:

This project is to develop a self-powered fish tag consisting of a bi-stable piezoelectric energy harvester, a bio-inspired attachment, sensors, and a wireless transmitter to realize automatic control of fish exclusion systems with the purpose of fish protection, cost reduction, and environmental pollution mitigation.

## Team Information:

Team Lead Name: *Feng Qian*

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