Freshwater Conservation
Priorities in Washington

Peter Skidmore
Freshwater Program Manager

Proportion of species at risk by group

- Freshwater Mussels: 69%
- Crayfishes: 51%
- Stoneflies: 43%
- Freshwater Fishes: 37%
- Amphibians: 36%
- Flowering Plants: 33%
- Gymnosperms: 24%
- Ferns/Fern Allies: 22%
- Tiger Beetles: 19%
- Butterflies/Skippers: 19%
- Reptiles: 18%
- Dragonflies/Damselflies: 18%
- Mammals: 16%
- Birds: 14%

Mission

To preserve the plants, animals and natural communities that represent the diversity of life on Earth by protecting the lands and waters they need to survive.

Overview

- Analyses
  - Biological value
  - Landscape condition
  - Threat
- Best places
- Indispensable experts
Suitability Factors

WESTERN WASHINGTON
- Land use
- Road density
- Dams

EASTERN WASHINGTON
- Watershed land use
- Riparian land use
- Dams
- Ownership
- Irrigation

No. of Runs
0 5 10 15 20
Threats

Population and development
Land use change
Climate change
Hydropower dams
Invasive species
Rotenone poisoning

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Best Opportunities for Freshwater Conservation
Advisory Board

- Dr. Robert Bilby (UW and Weyerhaeuser)
- Dr. Susan Bolton (UW)
- Carol Cloen (DNR, Aquatic Resources)
- Dr. Rex Crawford (DNR Heritage)
- Dr. Peter Kiffney (NOAA Fisheries)
- Kirk Krueger (WDFW)
- Rob Plotnikoff (Ecology)
- Dr. Ashley Steel (NOAA Fisheries)
- Dr. Brad Thompson (WDFW)

Experts

- WDFW regional biologists
- NOAA Fisheries
- USFW research stations
- National Parks
- NGOs
- University of Washington
- Eastern Washington University