

CLIMATE CHANGE & FISHING

Climate change is causing lower water levels and higher temperatures in rivers and streams, changing fish habitats and making them more vulnerable to parasites and diseases. Fish under threat will weaken outdoor recreation economies.

THE FISHING INDUSTRY

Recreational fishing generated

\$46 billion

in revenue in 2016,¹ but **climate impacts have already caused some states to restrict or suspend fishing at certain times.**²



EROSION

Climate change drives wildfires and extreme rainfall events, which result in **unhealthy levels of sediment and pollutants in fish habitat.**^{2,3}

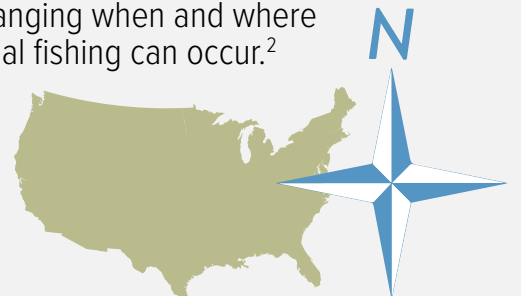


TEMPERATURE CHANGE

65% of USGS stream gauges have reported **rising temperatures** since 1990.²

High temperatures leave fish **vulnerable to disease and parasites.**^{2,4}

As temperatures rise, **fish are forced north**, changing when and where recreational fishing can occur.²



Reshmi Keres, United States Forest Service

There's still time to save **YOUR** public lands recreation

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Center for **Western Priorities**

1: U.S. Department of the Interior, U.S. Fish and Wildlife Service, and U.S. Department of Commerce, U.S. Census Bureau. (October 2018). "2016 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation."

2: Climate Central. (June 26, 2019). "In Hot Water: Warming Waters are Stressing Fish and the Fishing Industry."

3: United States Environmental Protection Agency. (September 29, 2016). Climate Change Adaptation Resource Center (ARC-X): "Climate Adaptation and Erosion & Sedimentation."

4: Cusick, Marie. (June 6, 2018). State Impact Pennsylvania: "Virus linked to smallmouth bass deaths in Susquehanna."