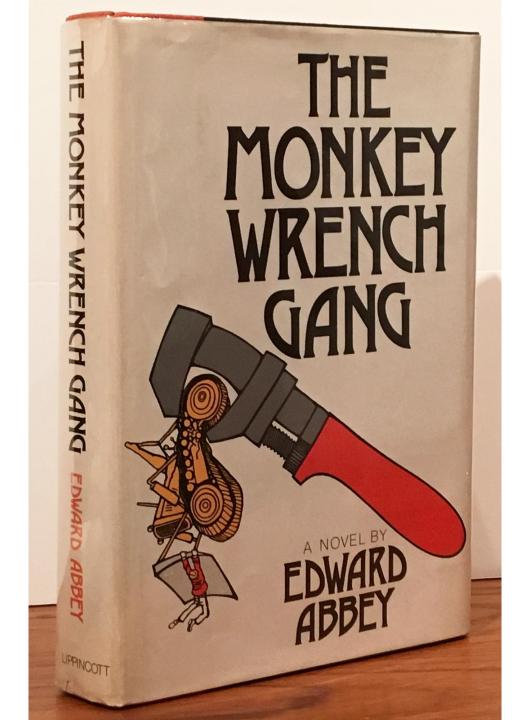


American Rivers RIVERS CONNECT US®

From Monkey Wrenching to Mainstream: 30 years of dam removal and river restoration in the United States

Bob Irvin President and CEO, American Rivers birvin@americanrivers.org

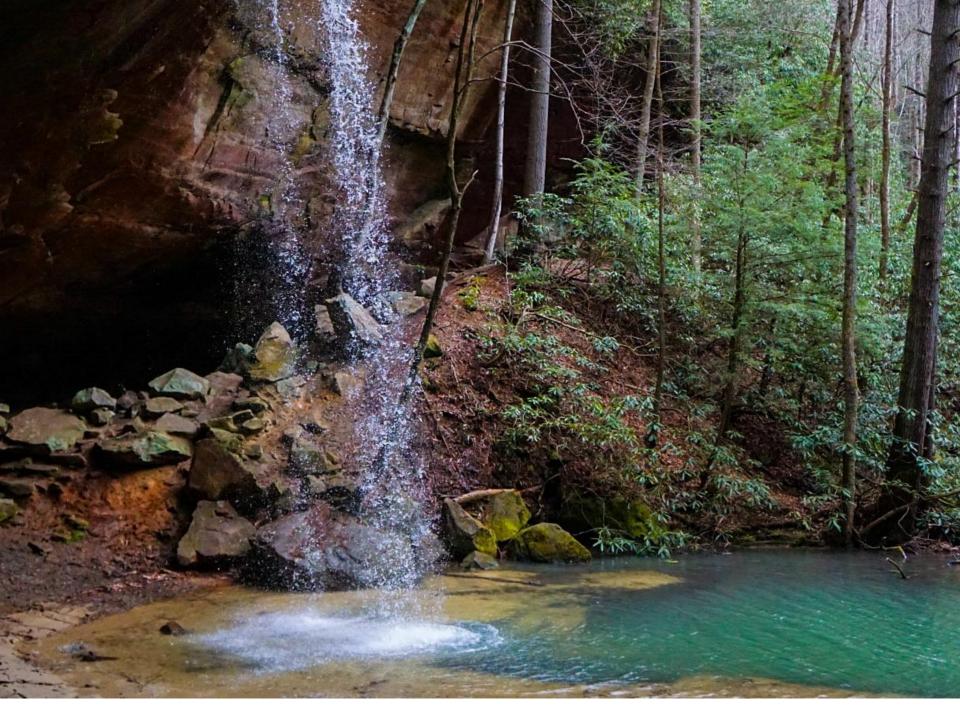






American Rivers protects wild rivers, restores damaged rivers and conserves clean water for people and nature.









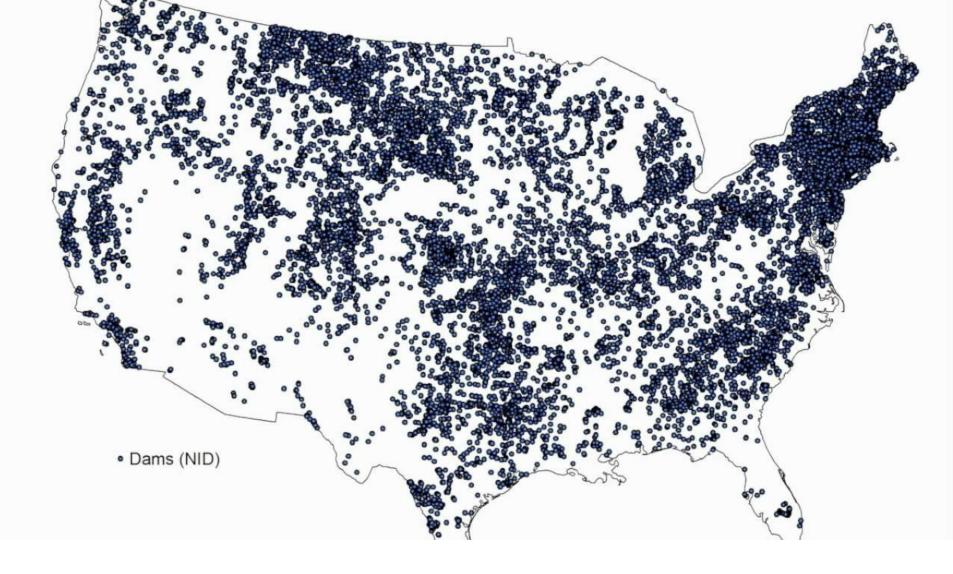


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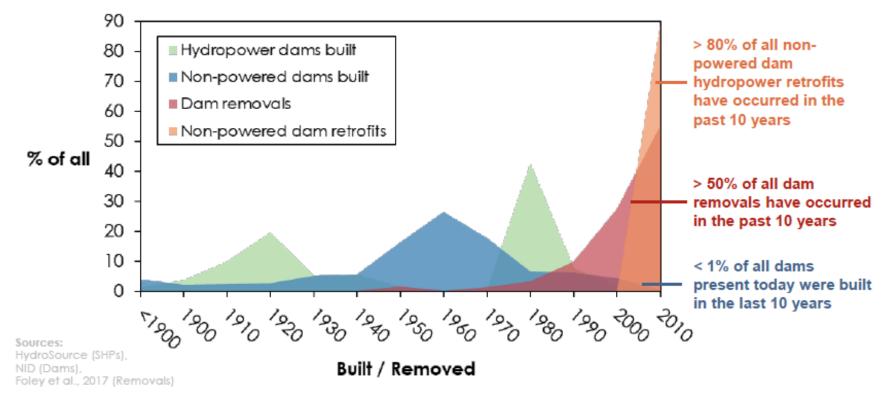








Dams, past and present



CAK RIDGE

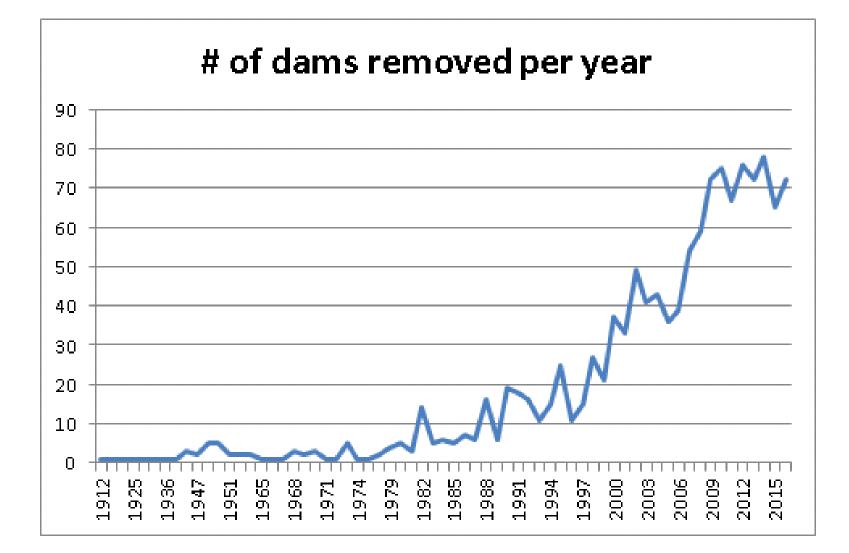
An Uncommon Dialogue: ORNL Overview







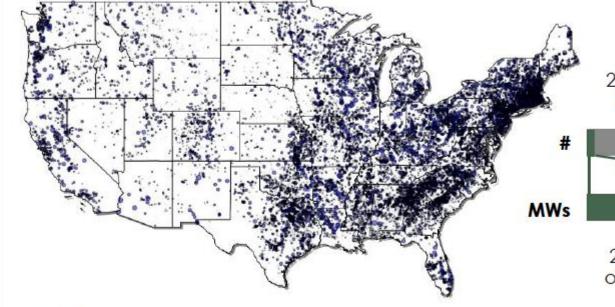
Dam Removal: The Movement Grows







Most dams have very little energy potential and serve some purpose other than hydropower generation



2,051 dams have 5,608 MW of hydropower potential



2.2% of the dams have 95% of the hydropower potential

SOURCE: HydroSource

CAK RIDGE

An Uncommon Dialogue: ORNL Overview

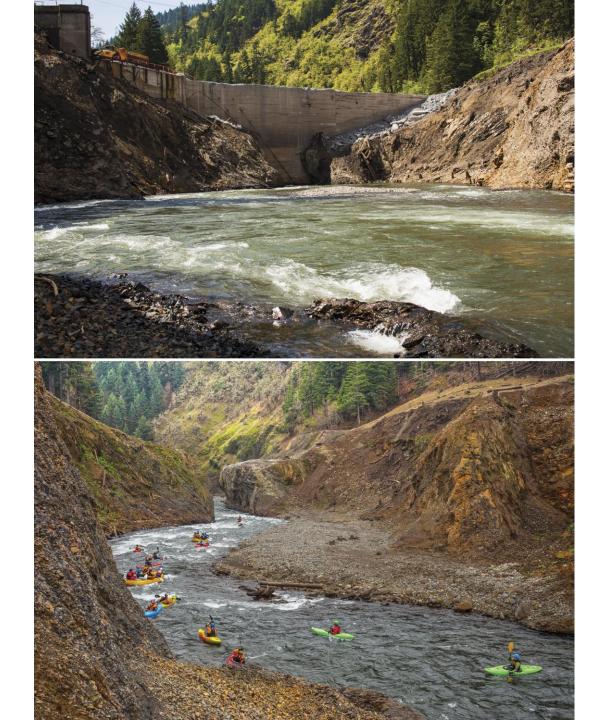
"Dams are not like the pyramids of Egypt that stand for eternity. They are instruments that should be judged by the health of the rivers to which they belong."

-- Bruce Babbitt, U.S. Secretary of the Interior, July 1998













MAP OF U.S. DAMS REMOVED SINCE 1916

While dams can benefit society, they also cause considerable harm to rivers. Dams have depleted fisheries, degraded river ecosystems, and altered recreational opportunities on nearly all of our nation's rivers. Today, many dams that were once at the epicenter of a community's livelihood are now old, unsafe or no longer serving their intended purposes. Learn how we're working to remove these dams and <u>restore our rivers to their natural free-flowing state</u>.













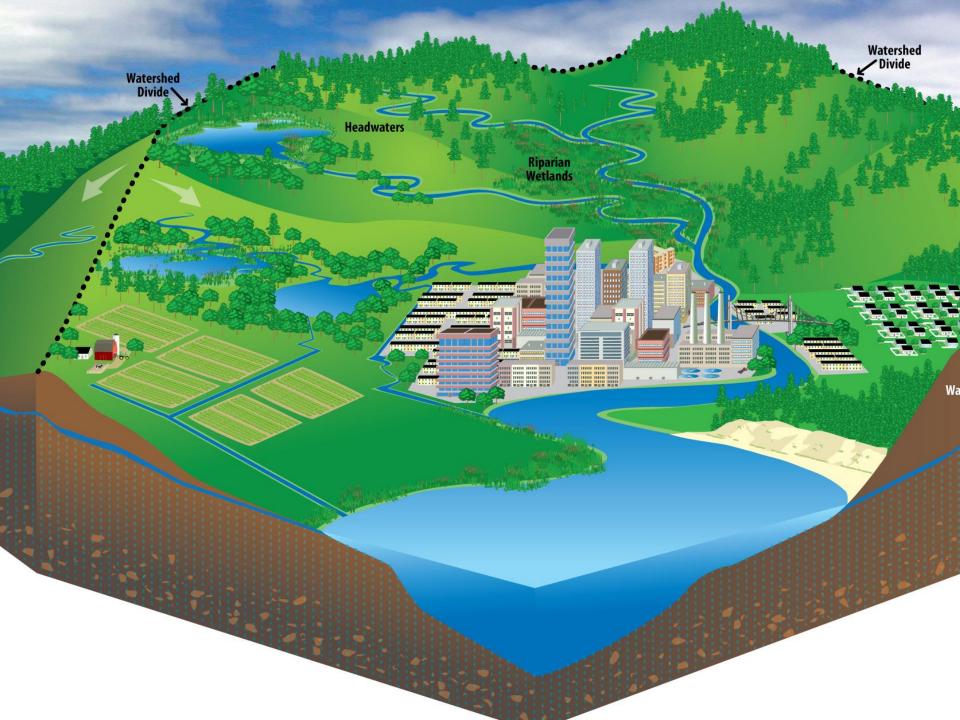




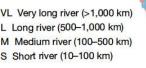












River status

Free-flowing rivers (CSI \ge 95% over entire length of river)



Good connectivity status (CSI \ge 95% over parts of river)



Impacted (CSI < 95%)



No flow





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