



Bats for the Future Fund

NFWF CONTACT

Amanda Bassow
Program Director,
Northeastern Regional Office
amanda.bassow@nfwf.org
202-857-0166

John Wright
Manager,
Northeastern Regional Office
john.wright@nfwf.org
202-595-2478

FUNDING PARTNERS

- U.S. Bureau of Land Management
- U.S. Fish and Wildlife Service
- Southern Company
- NextEra Energy
- Avangrid Foundation

ABOUT NFWF

Chartered by Congress in 1984, the National Fish and Wildlife Foundation (NFWF) protects and restores the nation's fish, wildlife, plants and habitats. Working with federal, corporate and individual partners, NFWF has funded more than 6,000 organizations and generated a total conservation impact of \$7.4 billion.

Learn more at www.nfwf.org

NATIONAL HEADQUARTERS

1133 15th Street, NW
Suite 1000
Washington, D.C., 20005
202-857-0166



Tri-colored bat

BACKGROUND

Bats play a critical role in the United States by controlling insect pests that can degrade agricultural operation, forest health and quality of life. Recent studies estimate the pesticide services of bats are worth more than \$1 billion a year to the United States corn industry alone, and over \$3.7 billion per year to all agricultural production. Millions of bats have died over the past decade from a disease called white-nose syndrome (WNS), with even further population declines anticipated in the coming years, with cases confirmed in 38 states and eight Canadian provinces.

WNS is caused by a cold-loving fungal pathogen, *Pseudogymnoascus destructans* (Pd), that attacks hibernating bat species and causes premature arousal and death. In some sites where WNS has been detected, up to 100 percent of bats have been killed. The Bats for the Future Fund was established in 2017 to pool public and private dollars to promote the survival and recovery of WNS-affected bats in North America.

From 2017 through 2021 \$3.8 million has been awarded through 17 grants, with grantees providing \$2.8 million in matching funds for a total conservation impact of \$6.6 million. These grants have tested multiple strategies, including the use of UV light, volatile organic compounds (VOCs) and polyethylene glycol to kill Pd, and enhancing insect foraging opportunities for bats to build fat reserves before and after hibernation.

The Bats for the Future Fund (BFF) awards up to \$1 million in grants each year. The U.S. Fish and Wildlife Service, which leads the national response for combating WNS, provides major funding for the BFF. Additional important funding is provided by the U.S. Bureau of Land Management, Southern Company, NextEra Energy and Avangrid Foundation.

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