

Electronic Monitoring and Reporting Grant Program

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National Fish and Wildlife Foundation


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Mid-Atlantic Fisheries Management Council

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NFWF

A person wearing orange gloves is handling a fish on a metal surface. In the foreground, there is a red plastic basket containing several fish. The background shows a metal structure with a yellow sign that says "PLEASE READ".

Funding available to support your fisheries!

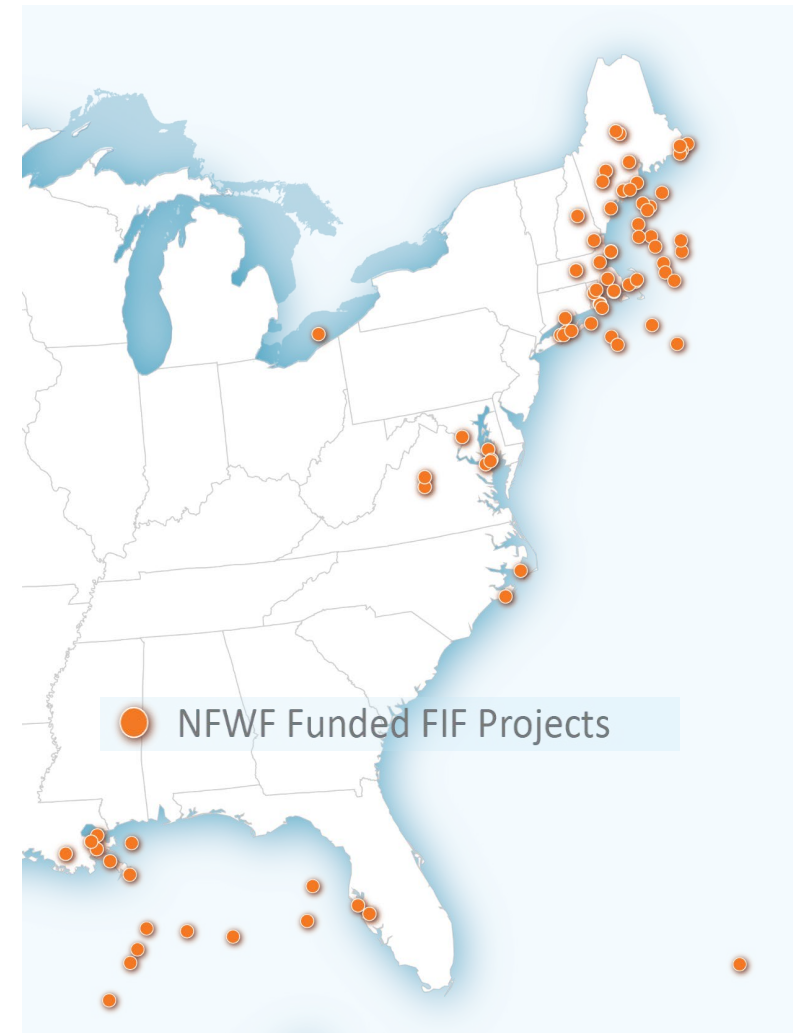
National Fish And Wildlife Foundation

A person wearing an orange jacket and grey gloves is handling a large flatfish on a white surface. The background is slightly blurred, showing some mechanical equipment.

- Created by U.S. Congress in 1984
- Independent, 501(c)(3) non-profit
- Public/Private partnerships
 - Federal agencies, corporations, & private foundations
- No advocacy, lobbying, litigation
- Focus on voluntary conservation actions

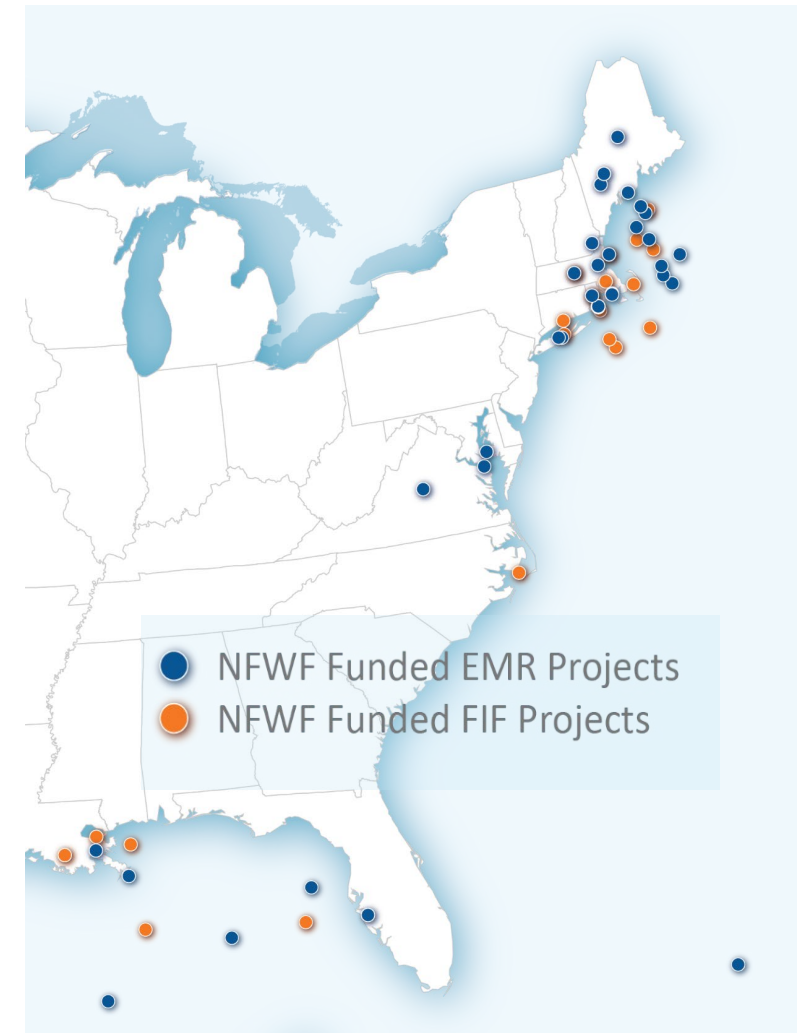
NFWF Fisheries Programs

- Investments in sustainable fisheries since 2010
 - Nationwide: \$35.2 Million awarded to 190 projects
 - Mid-Atlantic Region: \$1.8 Million awarded to 15 projects



NFWF Fisheries Programs

- Focused electronic technologies investments since 2015
 - Nationwide: \$28.9 Million awarded to 95 projects
 - Mid-Atlantic Region: \$1.2 Million awarded to 7 projects



Electronic Monitoring

- EM is a large area of funding
- Gulf of Maine Research Institute
 - EM for large New England groundfish boats
- Gettysburg College
 - EM aboard small boats in North Carolina and Hawaii fisheries
- Next Steps
 - Address costs
 - Integrate new tools like artificial intelligence

Electronic Reporting

- 7 ER projects across multiple fisheries
- Maryland Department of Natural Resources
 - Electronic Reporting in commercial striped bass fishery
- Virginia Institute of Marine Science
 - Recreational and citizen science reporting application - RecFish
- Next Steps
 - Ease of use
 - Support recreational engagement



Data Modernization



- Element in majority of projects
- Cvision Consulting
 - Develop artificial intelligence to streamline EM video review
- Mote Marine Laboratory
 - Integrate AI into EM, and find new ways for fisheries to use the data
- Next Steps
 - Artificial intelligence
 - Increasing efficiency & accessibility

How are Innovations Spreading?

Electronic Monitoring

Awareness



Adoption



Need to overcome adoption barriers (cost, privacy)

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Electronic Reporting

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Strong work to introduce and engage users

Interested in Funding?

- Application window live now
- **October 15th Deadline**
- \$3.8 million in funding
- Support for new applicants

Additional information:

<https://www.nfwf.org/programs/fisheries-innovation-fund>



EMR Funding Priorities

- Support use of technologies in fisheries data collection
 - Improve & scale voluntary Electronic Monitoring
 - Expand & improve electronic reporting
 - Drive engagement with data collection in all sectors
- Modernize data management
 - Enhance ability to efficiently process & use this data
 - Reduce costs, improve timeliness & access



What Makes a Good Proposal?

- Partnerships!
 - Fishermen engagement
 - Agency involvement
- Strong technical elements
- Prepared grantees
 - Financial documents in order



Discussion

- What Electronic Technologies projects would be interesting?
- In what management areas or fisheries do you not have enough data?
- Have you heard of Electronic Monitoring or Electronic Reporting tools in other fisheries that could work here?

Thank You!
Any Questions?

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<https://www.nfwf.org/programs/fisheries-innovation-fund>



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