



A three-year project funded by the USFS State and Private Forestry  
to help natural resource professionals communicate how

***Michigan's forests provide abundant clean water and quality fish habitat***



# What does Forests for Fish include?

- Education for Natural Resource Professionals
  - Workshops
    - SAF, MFA, FSP, TU, etc.
  - Publications
    - BMPs, fish habitat, riparian zones, etc.
  - Videos
    - Portable bridges, wood in water, etc.
  - Websites
    - [www.ForestsForFish.org](http://www.ForestsForFish.org)
    - [www.Facebook.com/ForestsForFish](http://www.Facebook.com/ForestsForFish)
- Marketing & Communication Materials
  - Shirts, stickers, hats, press releases, etc.

# What does Forests for Fish offer?

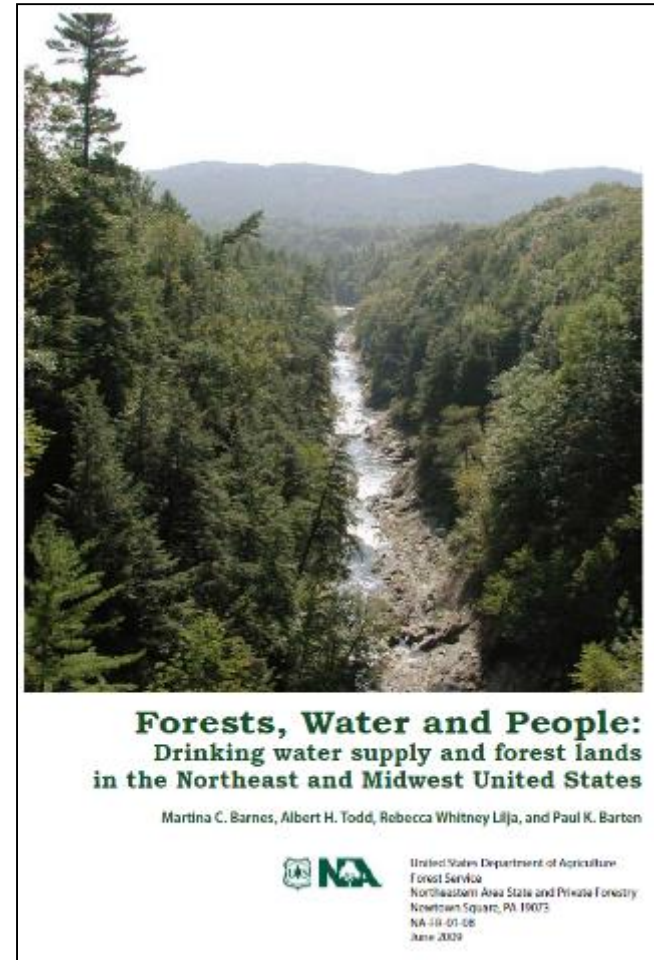
- Financial Incentives
  - Landowners: cost share for FSP plan (\$60k)
  - Tree Farmers: free Tree Farm inspection (\$30k)
  - Loggers & industry foresters: MAT membership (\$25k)
    - \$155 value for loggers
    - \$60 value for foresters
  - Consulting foresters: ACF membership (\$25k)
    - “Practice of Consulting Forestry” course in Michigan in 2018
    - Up to \$1,000 for new members
    - Up to \$250 for current ACF members

# Forests and Water

- National forests could be reserved in public domain
  - “to improve and protect the forest within the reservation,
  - *or for the purpose of securing favorable conditions of water flows,*
  - and to furnish a continuous supply of timber for the use and necessities of citizens of the United States.” [Organic Act of 1897]
- National forests could be purchased that are “necessary to the regulation of the flow of navigable streams” [Weeks Acts of 1911]
- ***“Water, in all its uses and permutations, is by far the most valuable commodity that comes from well-managed forest land.”*** [NASF, 2004]

# Three Steps to Protect Drinking Water

1. Protect source areas
2. Treat drinking water
3. Monitor distribution system



Source: Forests, water and people: drinking water supply and forest lands in the Northeast and Midwest United States. USFS, 2009

# Best Management Practices

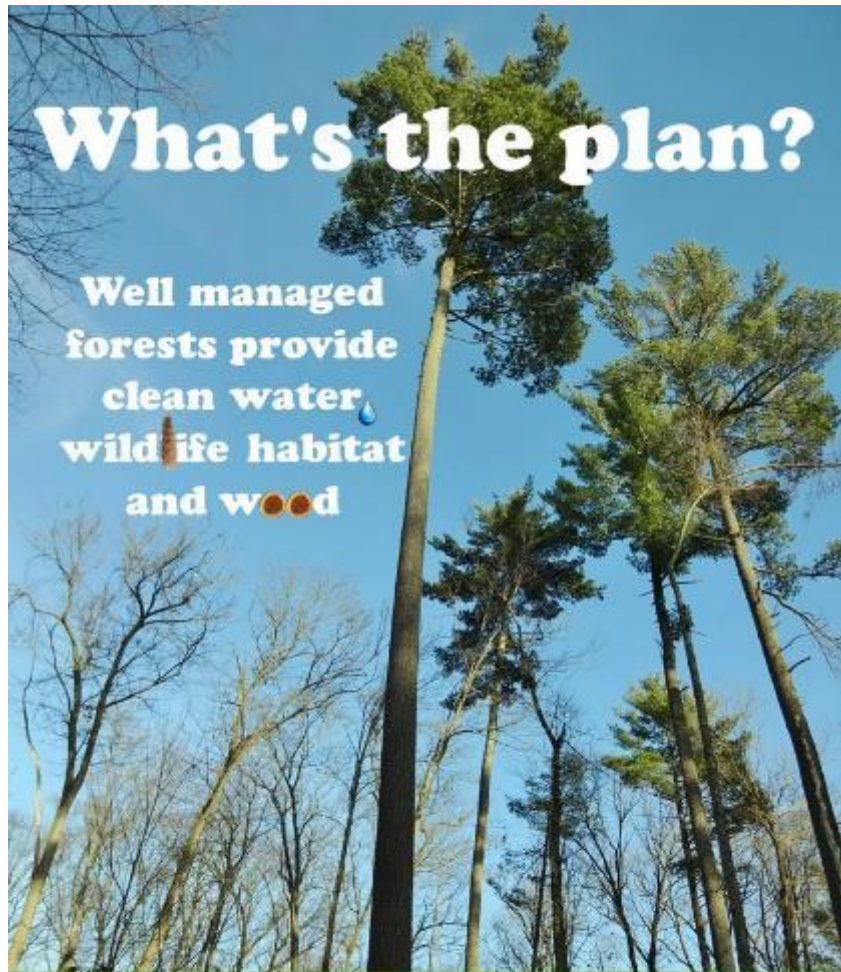
- BMPs provide clean water and protect fish habitat
- BMPs **benefit** society, not just a **cost** to loggers
- BMPs applied on NIPF
  - Correctly 96.4% landings
  - Acceptable variation – 1.5% RMZs
  - Incorrectly – 0.6% streams, ruts, roads
  - Not applied – 1.5%

A satellite-style aerial photograph of the Great Lakes basin in North America. The lakes are shown in dark blue, contrasting with the green landmass. The text is centered over the lakes.

***38,575 mi<sup>2</sup>  
of Great Lakes  
41% of 21%***

***Michigan has a comparative advantage in fresh water!***

*Is talking about water more effective than talking about wood?*



**What's the plan?**

Well managed forests provide clean water, wildlife habitat and wood

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**MICHIGAN FORESTRY**  
Assistance Program

*Forests provide abundant clean water and quality fish habitat.*

[www.ForestsForFish.org](http://www.ForestsForFish.org)







# Water is a Forest Product

[www.ForestsForFish.org](http://www.ForestsForFish.org)



# Great Forests, Great Lakes

[www.ForestsForFish.org](http://www.ForestsForFish.org)



# Loggers for Lunkers

[www.ForestsForFish.org](http://www.ForestsForFish.org)



# Ever Fish in a Corn Field?

[www.ForestsForFish.org](http://www.ForestsForFish.org)

# Forests for Fish Team

- **DNR Forest Resources Division**
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- **Michigan Trout Unlimited**
  - Bryan Burroughs
- **DNR Fisheries Division**
  - Jessica Mistak & Suzanne Stone & Patrick Ertel
- **Michigan Tree Farm Committee**
  - Scott Robbins
- **Michigan Association of Timbermen**
  - Bernie Hubbard
- **Michigan Association of Consulting Foresters**
  - Rexx Janowiak & Terry Manty
- **United States Forest Service**
  - Mark Fedora & Rich Corner

# Take Home Messages

- Forests provide abundant clean water
- Forests provide quality fish habitat
- BMPs are a benefit, not just a cost
- Michigan is unique in the world

# Society of American Foresters



- Spring 2017 – March 30-31 in Marquette
  - Forests for Fish
  - Fish hatchery tour
- Fall 2017 – October 5-6 in Grayling
  - Forests for Fish
  - Canoe the Au Sable River
- Spring 2018 – March 22-23
- Fall 2018 – October 18-19 in Grayling
  - Industry foresters
  - Mill tours of Arauco, Weyerhaeuser, AJD, etc.