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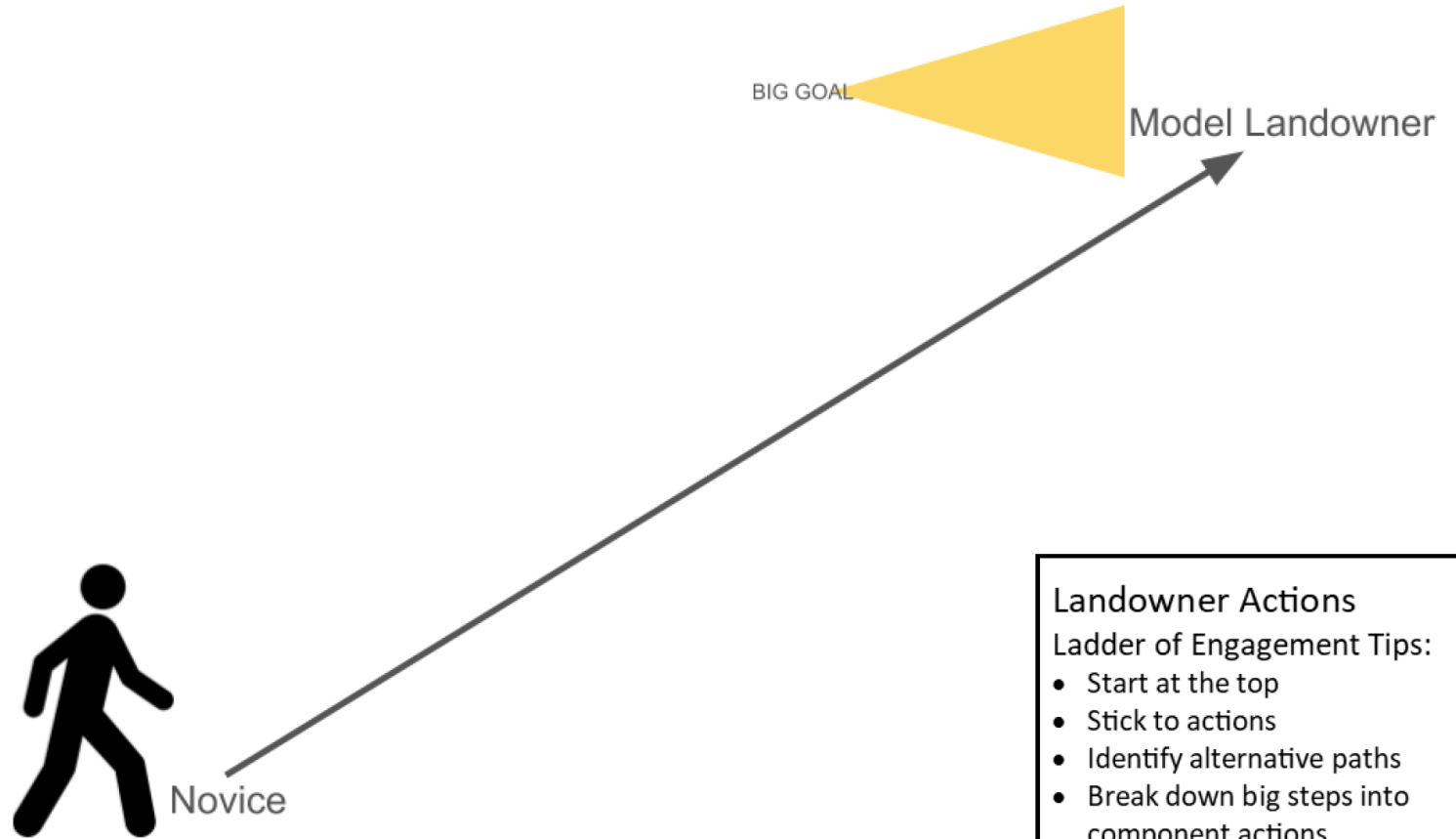


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RONDOUT STREAM NEVERSINK PROGRAM

SULLIVAN COUNTY SOIL & WATER CONSERVATION DISTRICT

Next Gen Landowners



Landowner Actions

Ladder of Engagement Tips:

- Start at the top
- Stick to actions
- Identify alternative paths
- Break down big steps into component actions

History Buffs



HEWITT holds worried trout, extracted from the Neversink River on one of his self-designed flies (see top margin), before restoring him to stream. He can also catch trout by tickling their stomachs under water.

July 15, 1946
Life Magazine

Courtesy Catskill
Flyfishing Museum

Buffer As Habitat

Flora and Fauna of Catskill Streams



RONDOUT **NEVERSINK**
STREAM **PROGRAM**
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Foodie Interactive



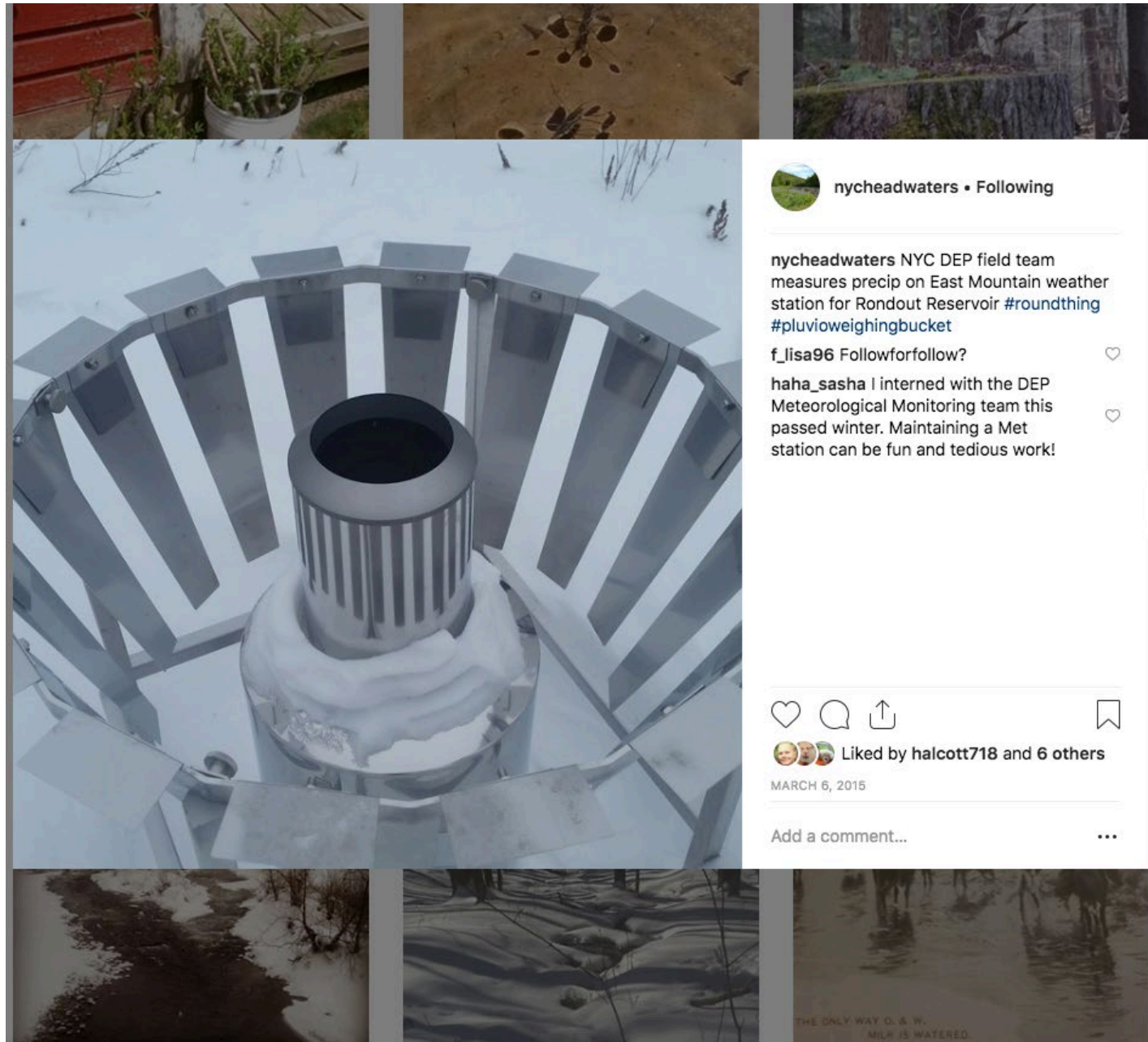
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NYS Hemlock Initiative

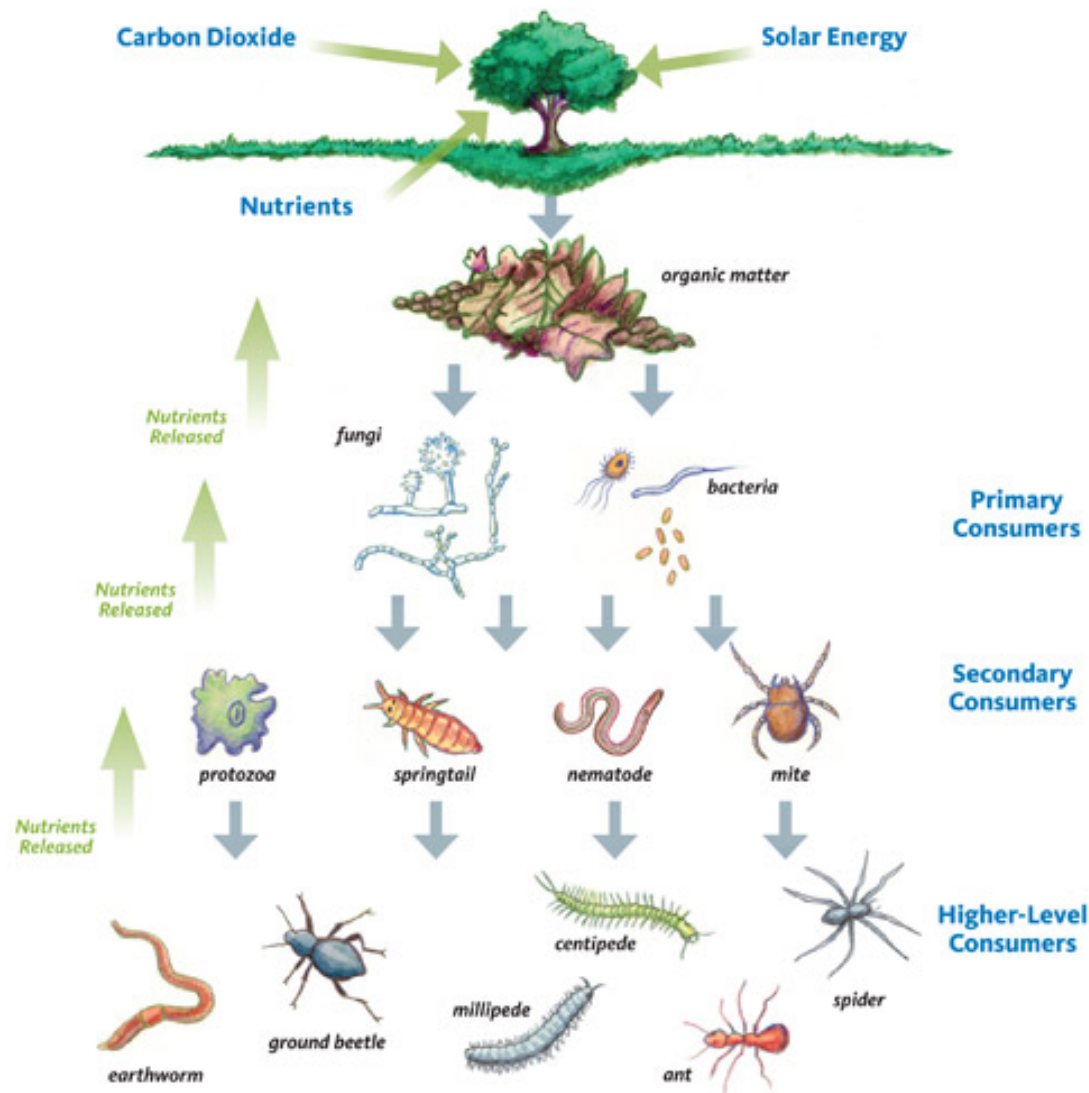


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Expand Recreation Stakeholders



Novel Agricultural Methods for Riparian Restoration





Novel Agricultural Methods for Riparian Restoration

WHO?

- Farmers
- Gardeners
- Orchardists/Vintners
- Work with above?





Novel Agricultural Methods for Riparian Restoration

WHO?

- Farmers
- Gardeners
- Orchardists
- Organic (old news)
- Regenerative
- No Till
- Remineralization
- Soil Food Web
- Permaculture
- Bionutrient
- Korean Natural Farming



Novel Agricultural Methods for Riparian Restoration

WHY?

- Little/no soil
 - Issues with available soil to purchase
 - Issues with on-site soil
- Weeds
- Poor growth
- Replanting
 - Increased labor & expenses



Novel Agricultural Methods for Riparian Restoration

WHY?

- Healthier, bigger plants
 - Stronger Roots
 - Faster Establishment
- Reduce Costs
- More Projects
- Difficult to Access Sites
- Carbon Sequestration
- Large Disturbance/Compaction Footprint of Projects
- Healthier, More Diverse & Resilient Ecosystems
- Less Soluble Fertilizers/Herbicides
- Drought Resistance/Decreased Watering
- Increase Knowledge
- Beyond Sustainability



Novel Agricultural Methods for Riparian Restoration

WHY?

- Sustainable
 - Marriage
 - Status Quo



Novel Agricultural Methods for Riparian Restoration

WHY?

- Regenerative

“a system of farming principles and practices that increase biodiversity, enriches soils, improves watersheds, and enhances ecosystem services.”

-Terra Genesis Inc



Novel Agricultural Methods for Riparian Restoration

WHY?

- Regenerative

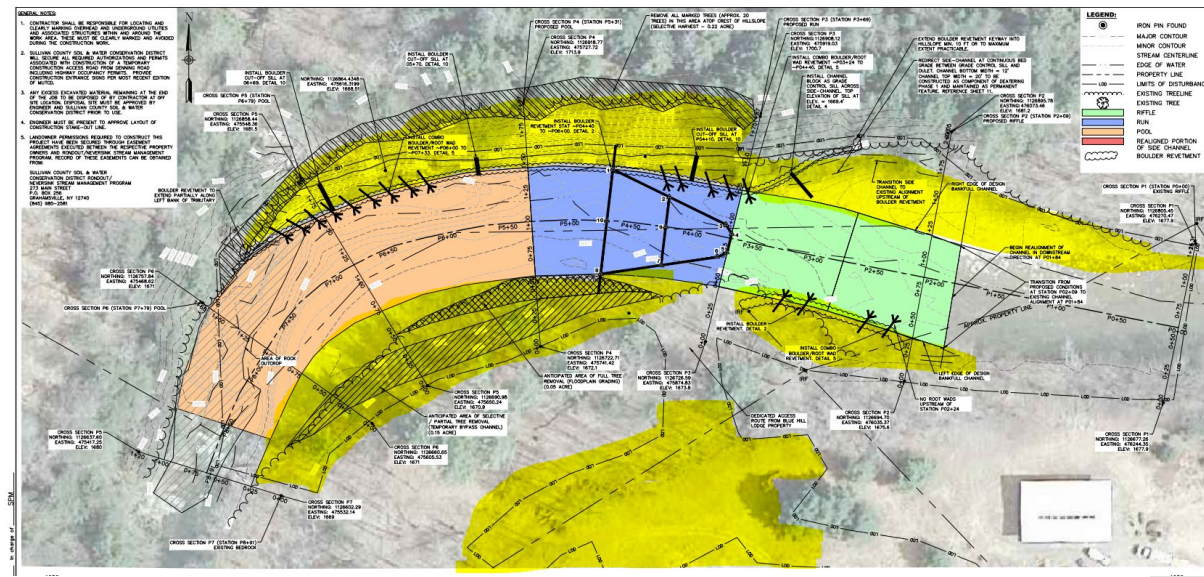
planting
“a system of **farming** principles and practices that increase biodiversity, enriches soils, improves watersheds, and enhances ecosystem services.”

WHERE?

RONDOUT STREAM NEVERSINK PROGRAM
SULLIVAN COUNTY SOIL & WATER CONSERVATION DISTRICT

Novel Agricultural Methods for Riparian Restoration

- Any place with soil (or should have soil)
 - % of Project Site
- Hard to access sites
- DEC Forever Wild?





Novel Agricultural Methods for Riparian Restoration

WHAT?

- COMPOST
 - Hot
 - Vermicompost
 - Compost Tea
 - Local
- Soil Mineralization
 - Rock P
 - Azomite
 - Local Glacial/Basalt Rock Dusts
 - Targeted Micro-nutrients
- Biochar
- Seed Inoculant
- Cover Crops
 - Multi-Species
 - Multi-Year Soil Growth
- Ramial Chipped Wood
- Humates/Humic Acid
- Foliar Sprays
- Local Seed Collection



Novel Agricultural Methods for Riparian Restoration

How?

• Soil Building

- Loam
 - Sourcing/Testing
- Compost
 - Inoculation
 - Sourcing
 - Mineralization
- Minerals
- Inoculants
- Biochar

• Seeding

- Sourcing
- Carbon
 - Proganics
- Minerals
 - Rock Dust
 - Targeted Minerals
- Life
 - Mycorrhizal/Bacterial
 - Local/Purchased

• Nursery Stock

- Soil Mix
 - Weight
- Inoculation
- Foliar Spray