




PRECISION RESTORATION FOR GREATER SOIL, WATER AND HABITAT QUALITY: DEMONSTRATION PROJECT IN CENTRAL NORTH DAKOTA

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OUTLINE

- WHO WE ARE
- OUR QUALIFICATIONS
- WHAT WE PLAN TO DO
- THE COSTS INVOLVE
- HOW THIS PROJECT WILL ADVANCE CONSERVATION
- REASONS WHY OHF MIGHT WANT TO SUPPORT THIS PROJECT



ECOLOGICAL INSIGHTS IS A NON PROFIT 501(c)(3) NORTH DAKOTA CORPORATION...

OUR MISSION—
FIGURE OUT HOW TO DO THE BEST CONSERVATION AND THEN DO IT

- WETLANDS RESTORATION
- GRASSLAND MANAGEMENT
- SOIL AND WATER QUALITY
- PRECISION AGRICULTURE
- SOIL CARBON



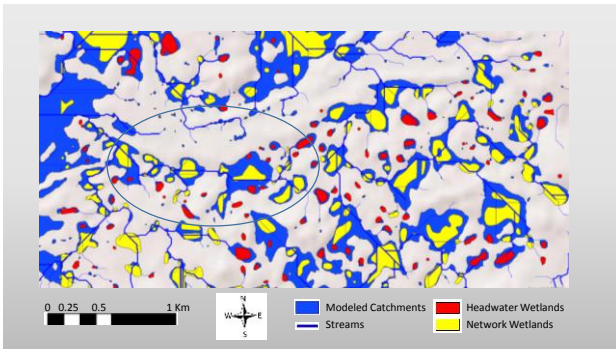
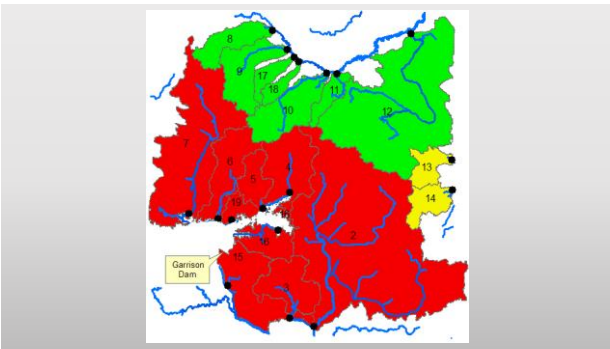
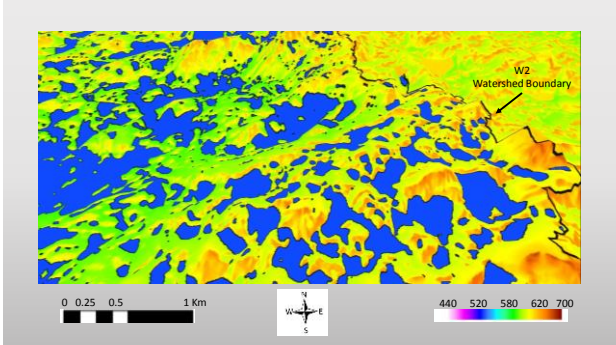
WHAT ARE OUR QUALIFICATIONS?

- **ECOLOGICAL INSIGHTS PROVIDES A UNIQUE CONSERVATION NICHE...SCIENCE AND APPLICATIONS**
- **DEMONSTRATED TRACK RECORD**
 - DEVELOPED MODELS NEEDED FOR CONSERVATION APPLICATIONS
 - WORKED IN CONSERVATION IN THE DAKOTAS OVER THE LAST 12 YEARS
 - PEER-REVIEWED PUBLICATIONS ARE AVAILABLE

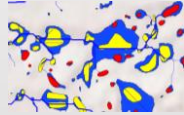


WHAT IS OUR PROPOSAL?

- WETLANDS IN THE PPR SUPPORT WATERFOWL POPULATIONS MORE THAN ANYWHERE ELSE IN NORTH AMERICA
- WE WILL APPLY OUR KNOWLEDGE AND SPATIAL MODELS TO RESTORE AND ENHANCE PPR WETLAND SOIL, WATER AND HABITAT QUALITY
- THIS "ON THE GROUND" APPLICATION OF PRECISION RESTORATION WILL BE SHARED WITH THE PUBLIC ONLINE AND IN THE FIELD
- WE WILL DEMONSTRATE HOW PRECISION WETLAND ENHANCEMENT TECHNIQUES IMPROVES SOIL, WATER AND HABITAT QUALITY



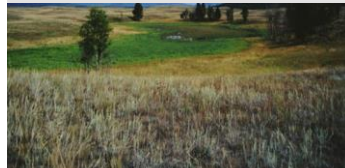
WHY ARE WE REQUESTING FUNDS?



- WE WILL USE THE FUNDS TO ENHANCE A WETLAND CASCADE
 - RESULTS WILL BE IMPROVED SOIL QUALITY, WATER QUALITY, AND HABITAT QUALITY
- THE FUNDS WILL PAY FOR
 - EARTH MOVING, SEED, SEEDING, WEED CONTROL, SOIL AND WATER TESTING, DEMONSTRATION EVENTS, AND TRAVEL
- ECOLOGICAL INSIGHTS WILL PROVIDE
 - MODELS, MAPS, SOFTWARE, SCIENTIST TIME, AND OPERATING COSTS

WHAT ARE THE LONG TERM IMPLICATIONS FOR NORTH DAKOTA?

- THE TECHNIQUES DEMONSTRATED CAN BE IMPLEMENTED NOT ONLY BY CONSERVATION-ENTHUSED PRODUCERS AND HUNTERS, BUT CONSERVATION ORGANIZATIONS AND GOVERNMENT BRANCHES



SO WHY SHOULD THE OHF SUPPORT THIS PROJECT?

- LIKE OHF, THIS PROJECT FOCUSES ON RESTORING AND ENHANCING SOIL, WATER, AND WILDLIFE HABITAT
- THIS DEMONSTRATION PROJECT WILL SHOW FOLKS HOW WETLANDS ACTUALLY WORK TO IMPROVE SOIL AND WATER QUALITY
- ENVIRONMENTAL AND AGRICULTURAL SCIENTISTS EXPERIENCED IN THE PPR AND LAND OWNER CONSERVATIONIST TEAM WILL ENSURE OPTIMUM RESTORATION WITHOUT SACRIFICING PRODUCTION
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