The Application of a Research-Collaboration Framework



REACCH Regional Approaches to Climate Change –

PACIFIC NORTHWEST AGRICULTURE

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The Nitrogen Problem

- 1. Nitrogen is necessary for life (Proteins and DNA).
- 2. Nitrogen in the form of Nitrates in the water can be a human health and environmental risk.



Interagency Collaboration

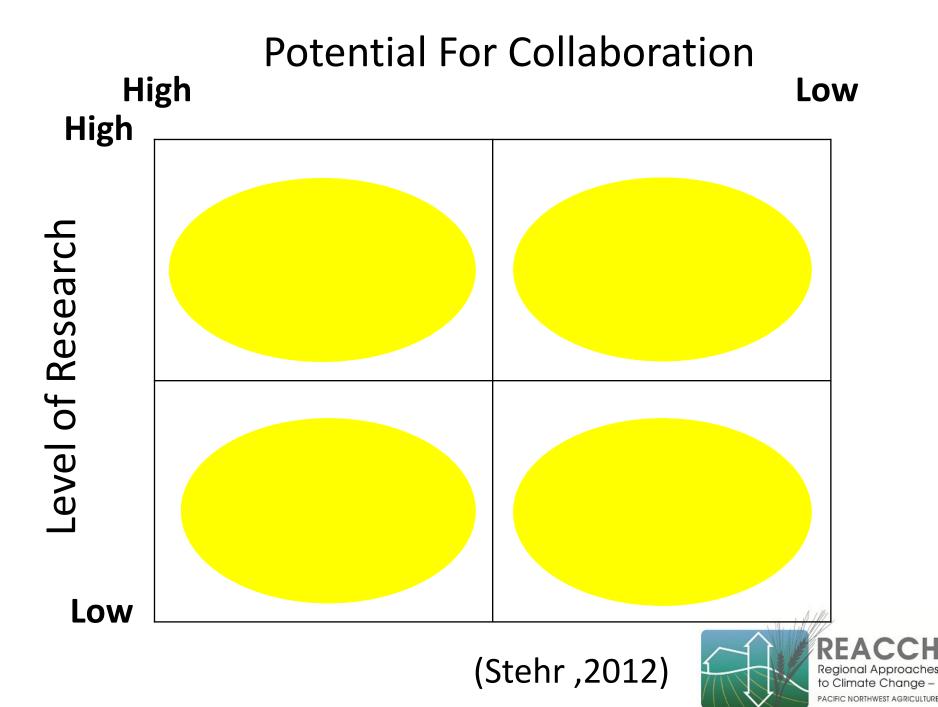
- Where can the EPA, USDA, and USGS work together on research and management of nitrogen loss.
 - 1. What are the gaps in research related to nitrogen loss
 - 2. Where might the EPA, USDA, and USGS be able to collaborate on research and mitigate loss

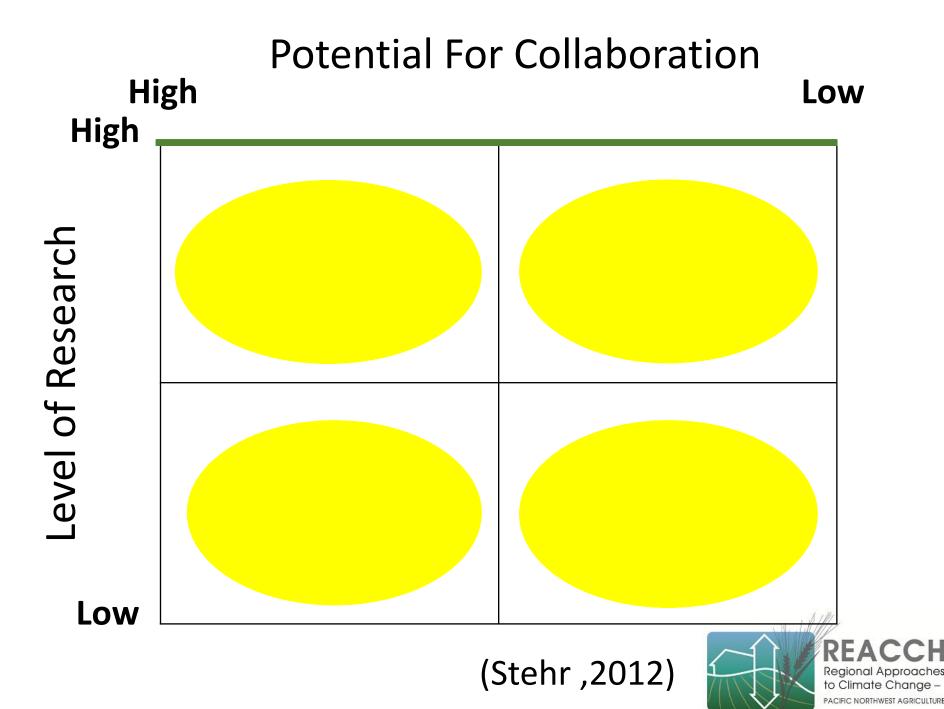


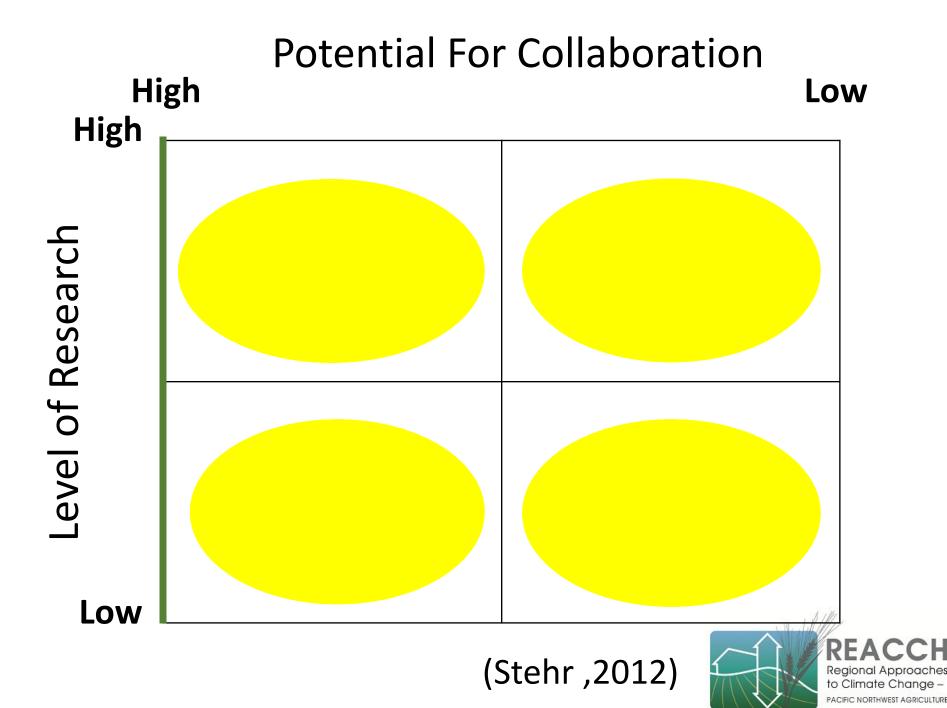
Objectives:

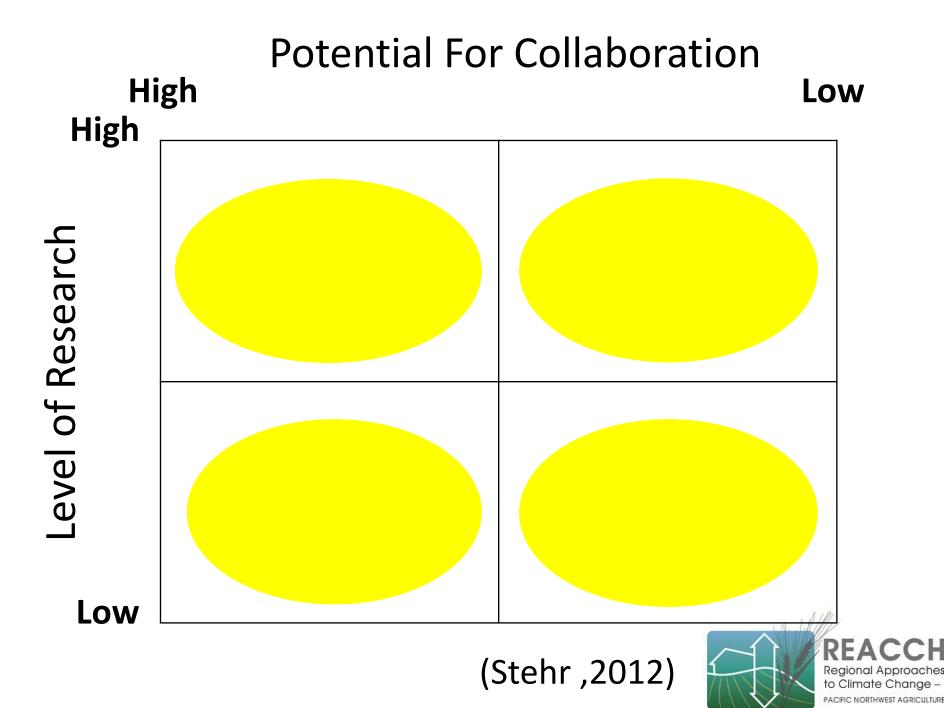
- Build a searchable database of USDA, EPA, and USGS research regarding nutrient loss to the environment.
- 2. Utilize this database in case studies to identify research backed policy solutions.

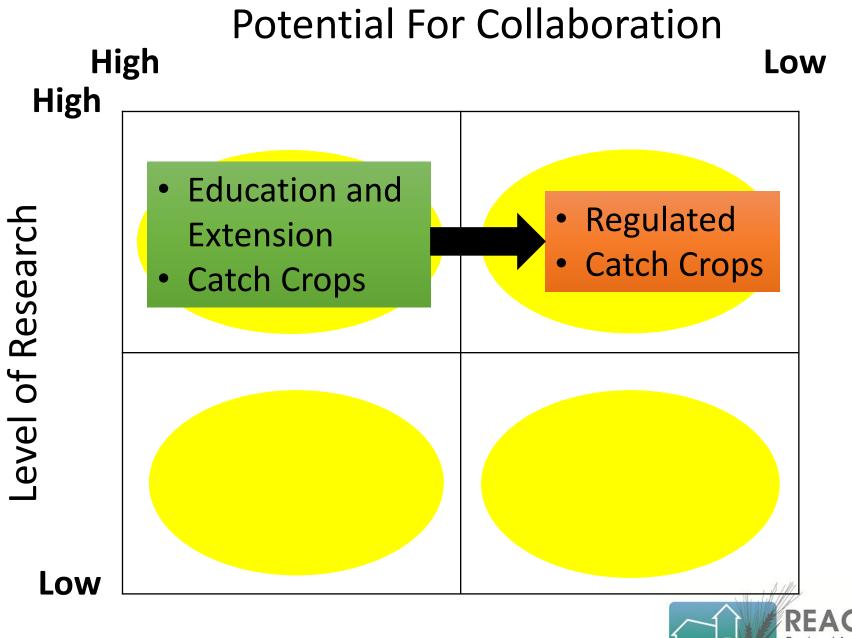




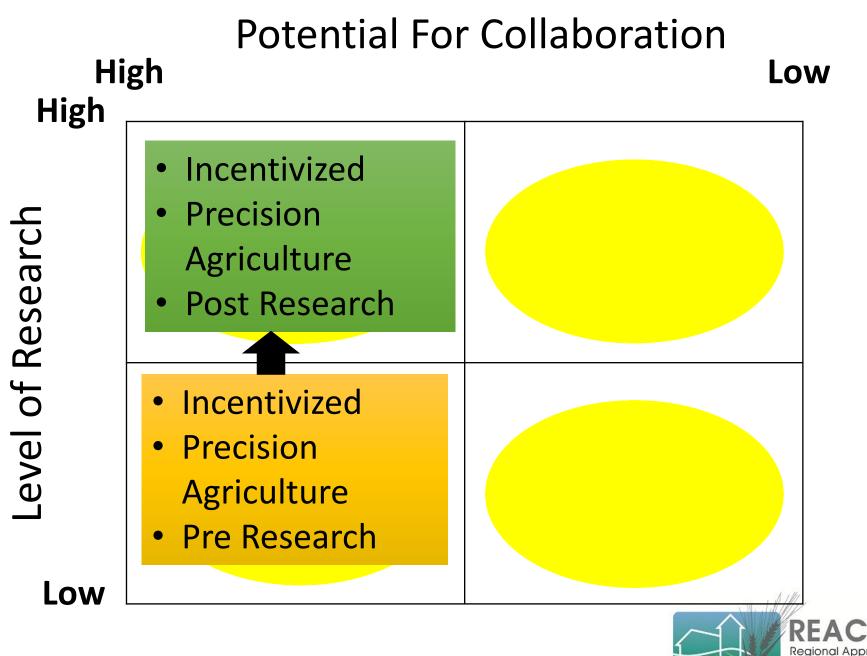








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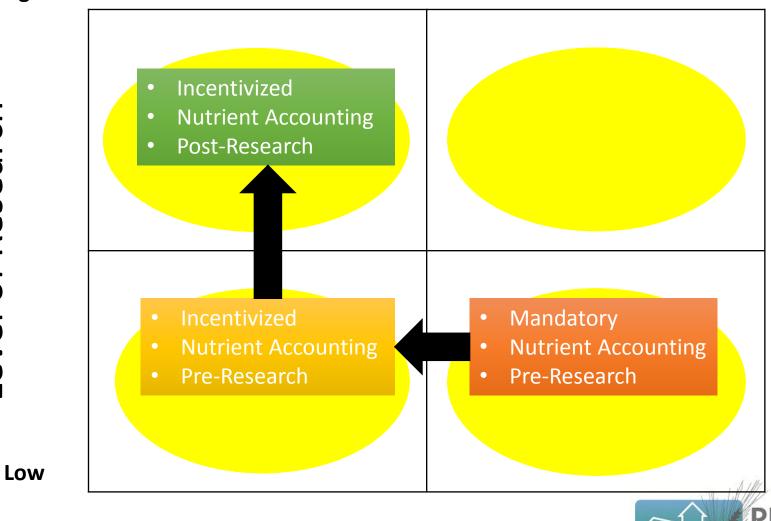
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Potential For Collaboration

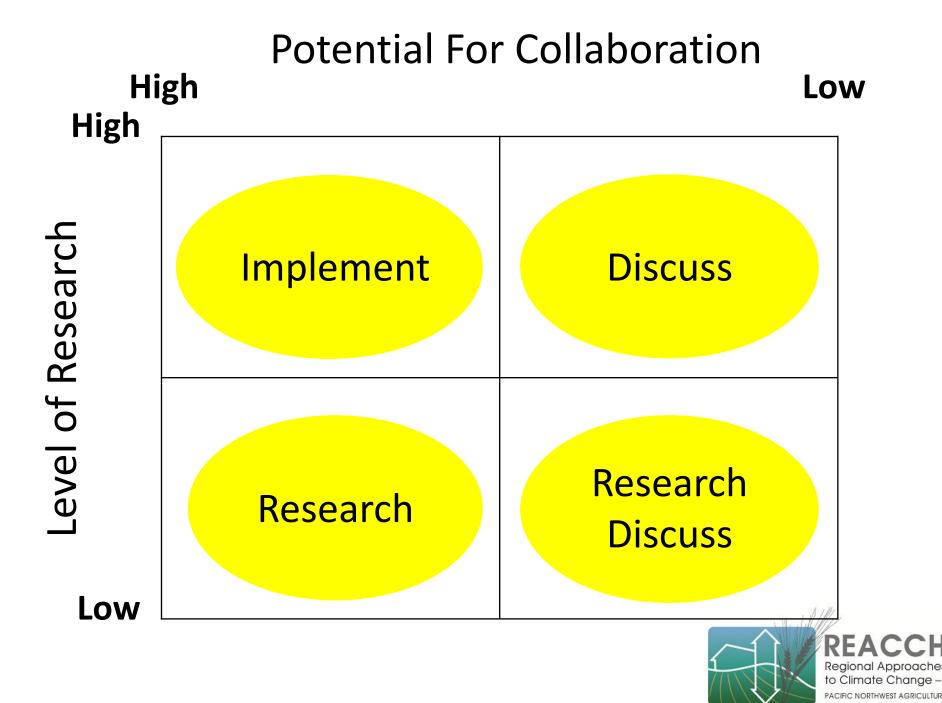


-evel of Research

Low



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Next Steps: Case Studies

- Test the frame work on real world legislation
- Application of the database through queries on specific technological solutions associated with policy solutions.



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