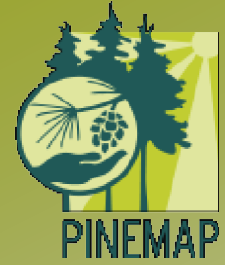


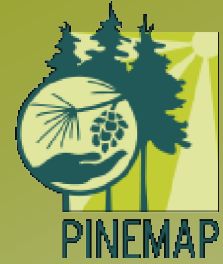
Building PINEMAP's Integration Culture

Tim Martin
PINEMAP Annual Meeting
April 24-26, 2013



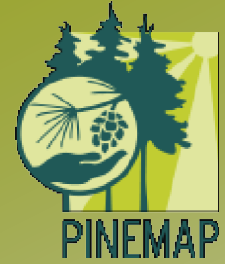
PINEMAP Integration

- USDA Sense
 - Research + Education + Outreach
- Disciplinary Sense
 - Cross-
 - Multi-
 - Inter-
 - Trans-



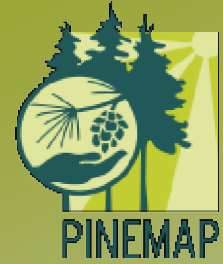
Some insights from Wendy Lin's Survey

- > 95% of PINEMAP participants agree multi/interdisciplinary approach is necessary for success
- Communication across aims is a weakness
- Platforms provide cognitive and social integration



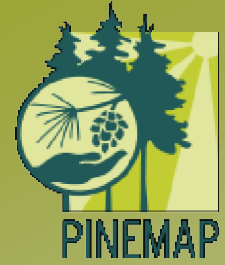
Research/Extension/Education Integration

- A Wise Man once said, “Who in this room is involved in PINEMAP outreach?”



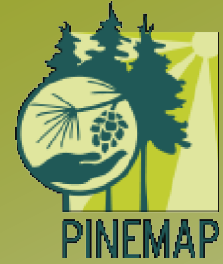
Disciplinary Integration: A pragmatic perspective

- It is useful to be deliberate and thoughtful about the nature of integration
 - May be more efficient
 - May help us make course corrections
 - May help us and others in future endeavors



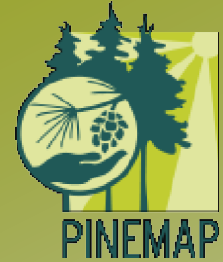
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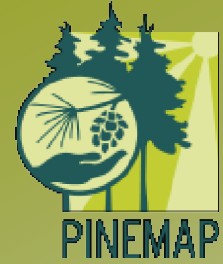
Disciplinary Integration: A pragmatic perspective

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 - May help us and others in future endeavors
- However, in the end, nomenclature is less important than function
- What interactions, structures, or platforms facilitate addressing the problems, questions, or tasks at hand?

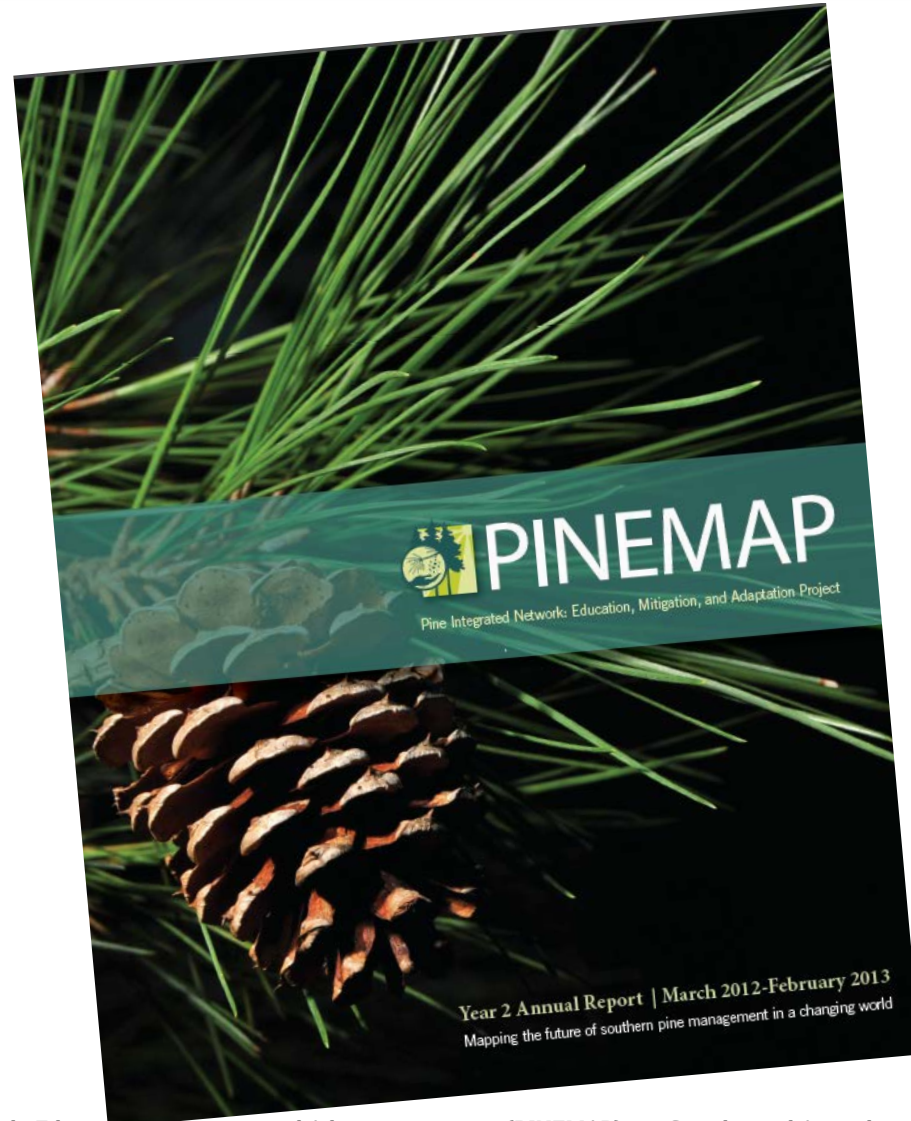


A year ago at this time...

- Experiment with top-down imposition of integrative structure
- Realization of need for disciplinary cohesiveness and communication
- Hard work by aims to
 - Solidify their internal interactions
 - Consolidate disciplinary work
- Thank-you!



What does our annual report say about our level of integration?

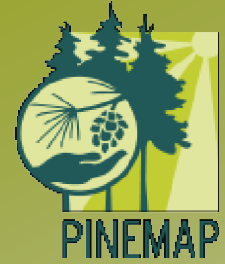


Pine Integrated Network: Education, Mitigation, and Adaptation project (PINEMAP) is a Coordinated Agricultural Project funded by the USDA National Institute of Food and Agriculture, Award #2011-68002-30185

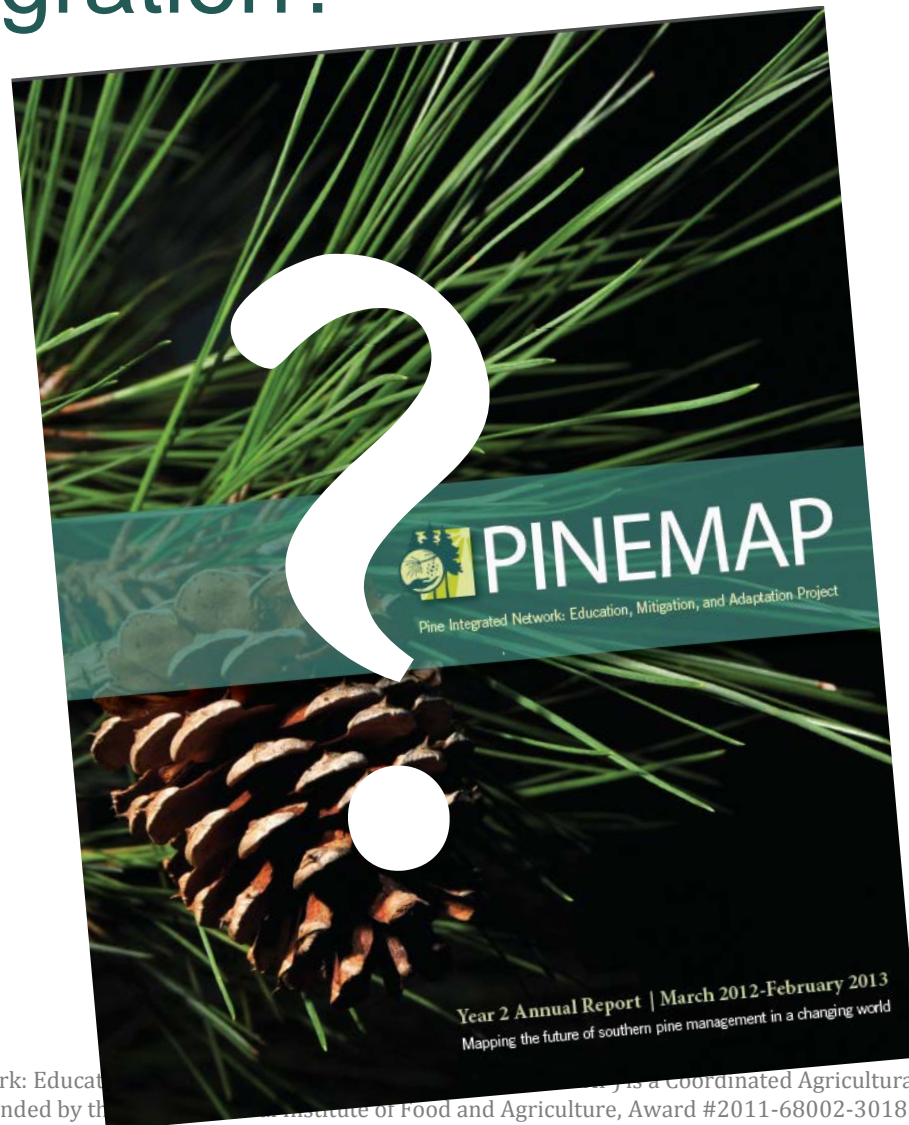


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What will next year's annual report say about our level of integration?



Pine Integrated Network: Education, Mitigation, and Adaptation Project funded by the

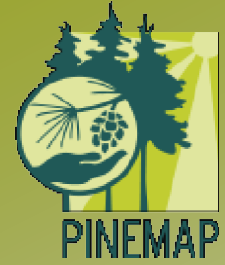
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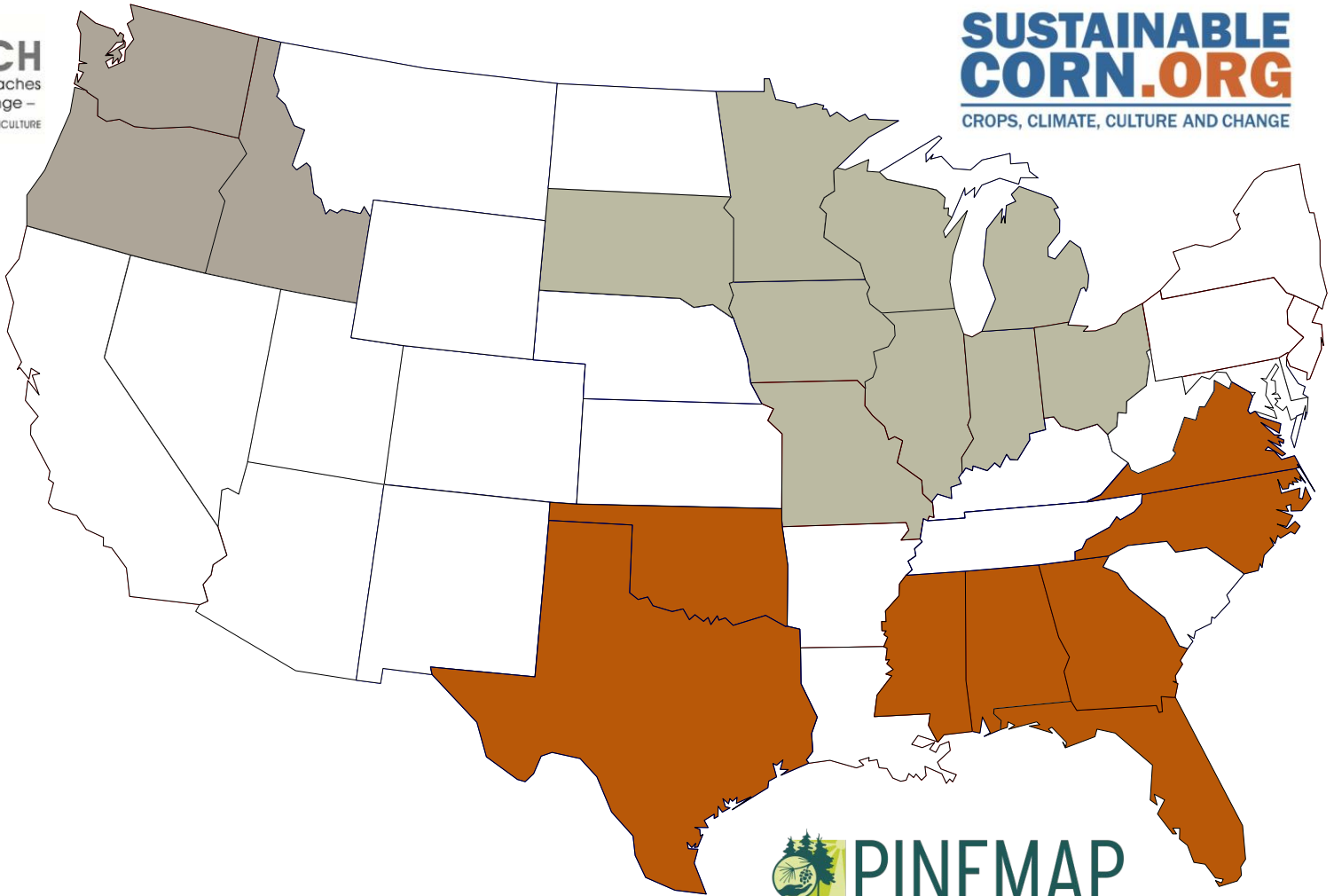
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We are not the only ones attempting this.



**SUSTAINABLE
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CROPS, CLIMATE, CULTURE AND CHANGE

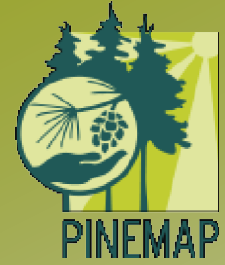


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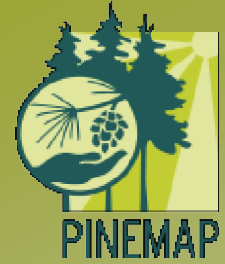
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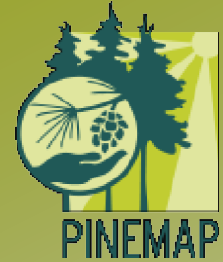
What is needed?

- Disciplinary excellence ✓



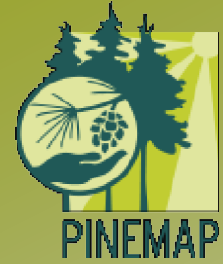
What is needed?

- Disciplinary excellence ✓
- Agreement on platforms ✓
 - Must support outcomes
 - Must provide benefits to contributors



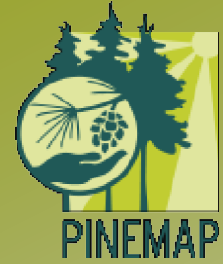
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- Disciplinary excellence ✓
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 - Must support outcomes
 - Must provide benefits to contributors
- Communication – Efficient and Effective
 - Beware e-mail for decisionmaking and discussion



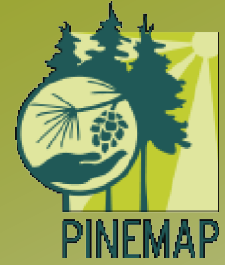
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- Follow through



What is needed?

- Disciplinary excellence ✓
- Agreement on platforms ✓
 - Must support outcomes
 - Must provide benefits to contributors
- Communication – Efficient and Effective
 - Beware e-mail for decisionmaking and discussion
- Follow through
- Clearing roadblocks quickly
 - When these appear, contact me; it is my job to help



Inspirational final slide
