

Project Management Plan

Project _____ Land cover / land use change _____ Date _____ January 4, 2016 _____

Project Goal

Goal Statement	Project Lead	Target Date
Create a cohesive, well-connected, and well-communicated portfolio of research on land cover and land use that demonstrates how changes have impacted communities across a range of landscapes.	Joseph Donnegan	2020

Expected Outcomes/Benefits/Measurable Results

Expected Outcomes & Benefits	Measurable Results
<ul style="list-style-type: none"> Quantitative data and interpretation of the effects that land cover and land use change have had on natural landscapes and on society. Improved unification of science teams toward cohesive portfolio jointly utilizing complementary tools and projects that quantify land cover and land use change. 	<ul style="list-style-type: none"> A series of publications that employ a variety of tools to describe land cover and land use. Joint projects, across science teams, integrating our various methods to corroborate our individual lines of research.

Project Deliverables

Short Term Deliverables (1 year)	Long Term Deliverables (2 – 5 years)
<ul style="list-style-type: none"> Study plans to begin integrating land cover/land use projects toward a larger, integrated project. 	<ul style="list-style-type: none"> Publications that operationalize plot-to-plot comparisons, LandTrendr, TimeSync, DevZone, and ICE into a full story about land cover and land use change.

Success Factors Critical to Project Success (Select 1 to 3)

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Success Factors Critical to Project Success (Select 1 to 3)

Clearly define and document cross-functional roles, expectations, and goals within and when working across teams to quickly resolve challenges and confusion.
Improve public relations and self-promotion by telling a more compelling story - Produce products that are relevant and “newsworthy” to broad and diverse audiences.

Who Is Impacted by or Invested in the Project? / Who should we collaborate with?

Impacted	Collaborate With
<ul style="list-style-type: none"> Entire RMA program is invested and impacted. Impacts surface as opportunity costs. VMaRS, VeMSA, and IRAM most heavily impacted as collaborators and those conducting the research. 	<ul style="list-style-type: none"> PNW-RS, ODF, and OSU scientists will be collaborators as they currently are on individual projects.

Challenges

Can Influence?	Challenges
Some	Convincing established scientists to work together and incorporate other tools into their land cover/land use change research.
Some	Convincing partners to consider benefits of other tools toward corroboration.
Yes	Devising mechanisms to establish and manage larger projects that cut across teams and partners.

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Assumptions

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| <ul style="list-style-type: none"> • Scientists will see the benefit of collaborating and want to tell a bigger picture about land use and land cover change. | <ul style="list-style-type: none"> • Funding will be available to seed the joint efforts. • Partners will embrace additional information about land cover and land use change. |
|--|--|

Keys for Successful Execution and Deployment

1. Communicate intent, need, and opportunities for involvement to program, research station, and partners.
2. Host partner/science meeting to jump start portfolio collaboration.
3. Send out call for proposals that will integrate methods and groups toward larger story about land cover and land use.
4. Create incentives to work jointly.
5. Manage this portfolio, keeping an eye on projects within.
6.
7.
8.
9.
10.

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Major Milestones (Leading Indicators for Project Completion)

Major Milestone	Milestone Leader	Due	Done
1. Initial contact for intent and opportunities.			
2. Science synthesis meeting.			
3. Request for proposals.			
4. Selection and funding of chosen proposals.			
5. Project portfolio management established.			
6.			
7.			
8.			
9.			

Leading Indicators for Results

Leading Indicator	Timing
1. Scientists express interest in collaboration and communication of a coherent portfolio.	
2. Partners and scientists are enthusiastic about a "state-of-the-science" meeting.	
3. Partners and research station express interest in the questions and potential funding partnership.	

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Leading Indicators for Results

Leading Indicator	Timing
4. Proposals are submitted that link tools and researchers together toward coherent portfolio communication.	

Proactive Recovery Planning

A) Brainstorm Potential Internal Breakdowns (circle 1-3 of most likely to surface)

- This priority portfolio is pre-empted in priority by other higher ranked items.
- Insufficient interest.
- Insufficient time from researchers.
- Lack of funding to move forward and seed projects toward unified portfolio.
- Competing interests to produce mandated projects.

B) Recovery Plans (for 1-3 internal breakdowns most likely to surface)

- Consider phased approach to begin uniting projects under this portfolio.
- Assess the priority of projects currently being worked on.
- Start small. Consider one project to integrate two tools and to communicate results with web-based story telling.

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Next Actions

What	Who	Due	Done
1. Discuss with leadership team: just how much to push? Determine priority for level of effort.	Joe		
2. If deemed priority, determine potential funding for collaborative efforts.	Leadership team		
3. Gauge interest among land cover / land use scientists.			
4. If interest, host land cover / land use “state-of-the-science” webinar/meeting.	Joe, Sharon, Andy, Hans		
5. Request proposals to integrate the projects.			
6. Manage the projects and portfolio.			

Due dates have been omitted given this priority is ranked 4th among our top priorities and will likely need to await additional funding and time.