

Oregon Dunes Restoration Collaborative
Meeting Minutes - Monitoring Working Group – April 27th, 2018

Purpose of Group:

Monitor or coordinate monitoring (changes) in:

- Social understanding/perspectives
- Treatment effects
- Landscape components and patterns

Goals and Objectives:

- Develop key monitoring questions and ways to answer them
- Collect and share information on the social, treatment effects and landscape monitoring in time and space
- Recommend any needed changes to ongoing efforts by the ODRC

What we are going to do:

1. **ANSWER MONITORING QUESTIONS (HIGH PRIORITY):**

a. Social—

i. Questions:

1. Are education and outreach efforts working?
2. What are public perceptions/knowledge of dunes work?

ii. Methods:

1. Questionnaires
2. Polls
3. Surveys
4. Stories
5. Use field rangers

b. Treatment—

i. Questions:

1. What are the native and/or invasive plant response?
2. How effective was the treatment in reaching the goal?
3. How did treatment affect wildlife use? How did it impact?
4. What treatments are most effective to remove invasives/increase open sand/increase native species?

ii. Methods:

1. Transects
2. Photo points
3. Plots

**Note: Treatment monitoring should be done in partnership with USFS restoration implementation to ensure pre and post-treatment information is gathered at the right time.*

c. *Landscape*—

i. Questions:

1. How is the landscape changing without any treatments?
2. How is the landscape changing with treatments?
3. What's changing the fastest?
4. What's most at risk?
5. What are the dunes ecosystem elements (e.g. dunes, invasive communities, native grass/herb/shrub/forest communities)? These would form the change analysis components for the above questions
6. How quickly are areas changing over time? foredune/deflation plain/inland sand?

ii. Methods:

1. Remote sensing
 2. Change detection—gis
 3. Photo points
 4. Transects
2. **USE EXISTING MONITORING DATA—COMPILE AND SHARE LESSONS LEARNED (HIGH PRIORITY)**
 3. **DEVELOP PROTOCOL—SHARE WITH COLLABORATIVE AND INVOLVE PUBLIC (HIGH PRIORITY)**
 4. **PROVIDE MONITORING ACCOUNTABILITY; DEVELOP ADAPTIVE MANAGEMENT OPPORTUNITIES**
 5. **5 YEAR REPORT**
 - a. Inform outreach/funding/treatment efforts
 - b. Platform for internal/external communication

What we Need from Other Work Groups

- Education—help spread information; help with social monitoring
- Outreach—help with social monitoring
- Funding—money to accomplish monitoring and reports

Communication

Chandra and Jane will take the lead on pursuing e-mail feedback and discussion, and on setting meetings.

NEXT STEPS:

By the next meeting in October:

- Flesh out key monitoring questions/methods--ALL
- Fill in monitoring spreadsheet—Armand, Marty, Jane
- Communicate with funding work group about monitoring funding needs