

Meadow restoration: reconnecting floodplains

5/23-5/27/2016

Day 1: Overview

8:30 Meet at Almanor Rec. Center (see included map. It's a 5 minute walk from the Rose Quartz)

1. Introductions and what you want out of the course
2. Overview of the components of a project
3. Project types, their goals and constraints and evolution of the practice
4. Identifying a project: watershed assessment
5. Identifying projects: assessment and prioritization with partners
6. Case study of two projects: one low-risk and flawless, one high-risk and repaired. Discussion of complicating factors and lessons learned.
7. Partnering/fundraising and how to build support for watershed projects (after dinner)

Day 2: Field Visits

7:30 Meet in the lobby.

1. Field visit to projects:
 - Humbug (1/2 day) – Various slopes, Multiple floodplain types, Unravelling above project, Soil considerations, Monitoring
 - Mountain Meadows, East Creek –Discuss site prior to Thursday, when we will prepare detailed designs of this site.
2. Monitoring (after dinner)

Day 3: Design

8:00 Meet at Almanor Rec. Center

1. Data to collect, Data analysis and Key considerations
2. Design phases and requirements for each phase: 1) NEPA, 2)Permits, and 3) Construction
3. Budget
 - Overview of construction equipment types and capacities
 - Contingency and adaptive management
4. Permits and CEQA (after dinner)

Day 4: Design –Field Application, Mountain Meadows

7:30 Meet in the Lobby

1. Cross section refresher, if needed
2. Split into 3 groups. Each group will focus on one section of the meadow and layout 3 designs alternatives: riffle augmentation, complete gully fill and pond and plug.
3. Collect necessary field data and flag designs.
4. Download data and begin to map in ArcGIS (evening).

Day 5: Develop Design Package

8:30 Meet at the Almanor Rec Center. Check out of your room first.

1. Create design materials.
2. Each group presents designs for discussion –Specific considerations/ challenges for each reach and technique.
3. Discuss role of project designer in a design-build project (at lunch)
4. Next steps – mentoring, other needs identified by participants.
5. Course evaluations

Short walking trail along NF Feather



Rose Quartz Inn

Almanor Rec. Center
(Classroom)

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