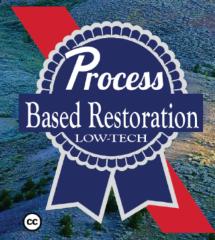
LOW-TECH PROCESS-BASED RESTORATION OF RIVERSCAPES

VIRTUAL WORKSHOP Module 4 - Design August 13, 2020



Workshop by:

UtahStateUniversity

RESTORATION CONSORTIUM



United States Department of Agriculture Sponsored by:





Hosting & Facilitation by:



Natural Resources Conservation Service

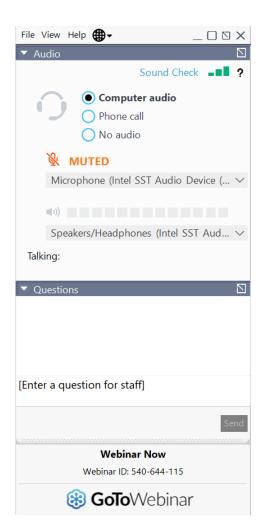
ASWM Moderators for the Virtual Workshop

Welcome to the NRCS-USU Low-Tech Process-based Restoration of Riverscapes Virtual Workshop hosted by the Association of State Wetland Managers.





Today's Moderator
William Dooley
ASWM Policy Analyst



Reminder... If things go wrong:

- Simply shut down your system and restart; use your Join Webinar link from your email to get back onto webinar
- Can always call in only and look at the slides from the website
- Contact Laura Burchill at ASWM if you are having technical issues:

Telephone:

207-892-3399

Email:

laura@aswm.org

Module 4: Instruction Team



Joe Wheaton (USU, Anabranch Solutions)



Steve Bennett (USU, Anabranch, ELR)



Scott Shahverdian (USU, Anabranch)



Jeremy Maestas (USDA-NRCS)

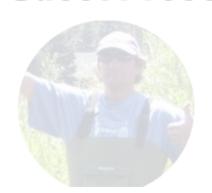


Nick Bouwes (USU, Anabranch Solutions, Eco Logical Research)



Nick Weber (Anabranch, ELR)

Guest Presenters



Mark Beardsley (EcoMetrics)



Colin Thorne
Univ of Nottingham)



Ben Goldfarb (Environmental Journalist)

Thanks for Telling us About Yourself

1006 Registered

Do you have any experience in planning or **designing** low-tech PBR?

Extensive	64
Limited	630
None	312
Grand Total	1006

How many years of experience do you have with conservation and/or restoration?

with oonoor vation and, or re	otoration.
11 - 20 years	261
2 - 5 years	255
6 - 10 years	220
More than 20 years	177
Brand New (first year)	83
Other	10
Grand Total	1006

What **role** best describes your **aspirations** with respect to low-tech process-based restoration?

Involved in planning, design and implementation	569
Just aware of it so I can play a supporting, indirect	
role	146
Involved in monitoring and evaluating effectiveness	70
Involved in implementation	57
Involved in planning and design	52
Involved in regulatory consultation	46
Other	34
Involved in crafting or implementing policy and/or	
legislation	32
Grand Total	1006

If you have been involved in any way in low-tech process-base restoration projects, **how many projects**?

1	163
2-5	305
5-10	78
More than 10	68
None (yet)	392
Grand Total	1006

Course Structure - Pick and Choose



<u>Tuesday</u>, <u>Aug. 11</u> (10 AM – 4 PM MT)

Module 1: Introduction to Low-Tech Process-Based Restoration (3/4 day)

Wednesday, Aug. 12 (9 AM –4:30 PM MT)

- Module 2: Underlying Science & Case Studies for Low-Tech (morning, ½ day)
- Module 3: Planning Low-Tech Process-Based Restoration (afternoon, ½ day)

<u>Thursday, Aug. 13</u> (10 AM – 3:30 PM MT)

Module 4: Designing Low-Tech Process-Based Restoration (3/4 day)

Friday, Aug. 14 (9 AM – 12:30 PM MT)

Module 5: Implementing Low-Tech Process-Based Restoration (morning, ½ day)

Today's Agenda

Module 4: Designing for Low-Tech Process-Based Restoration

Thursday, Aug 13: 10:00 – 15:30 (Mountain Time)

- Logistics
- Design Overview in Context of CPP
- Design Elaborated
 - Panel Q & A ~ 10:30 to 10:40



- Break ~ 10:40 to 11:00
- Panel Q & A ~ 11:45 to 12:00



- Break for Lunch ~ 12:00 to 13:00
- Panel Discussion ~ 15:45 to 15:55



- Field Design & Hypothesized Indicators
 - Panel Discussion ~ 13:45 to 14:00
 - Panel Discussion ~ 14:45 to 15:00







Today's Agenda (Detail)

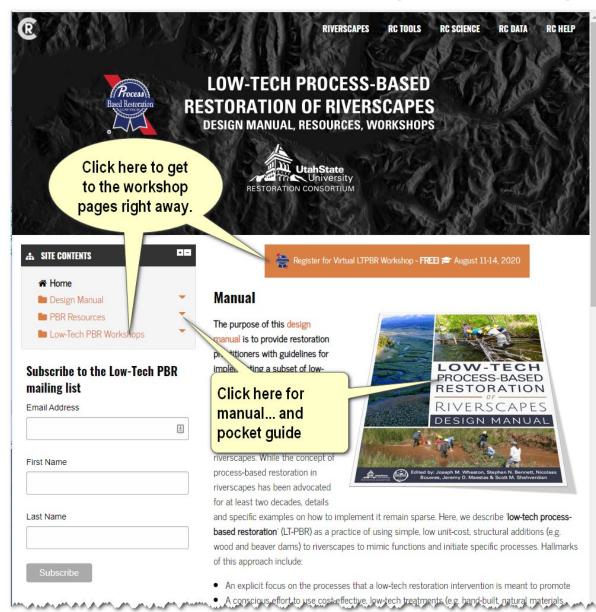
Module 4: Designing for Low-Tech Process-Based Restoration

<u>Thursday, Aug 13</u>: 10:00 – 15:30 (Mountain Time)

- A. Logistics/Intro
- B. Overview of Design & CPP- Jeremy Maestas
- Design Elaborated
 - C. Leading Design with Recovery Potential Joe Wheaton
 - D. Design Standards of Practice at Complex Scale Scott Shahverdian
 - E. Learning how to Design at Structure Scale Joe Wheaton
- F. Putting Design Together in Field Nick Weber

LTPBR Website

http://lowtechpbr.restoration.usu.edu

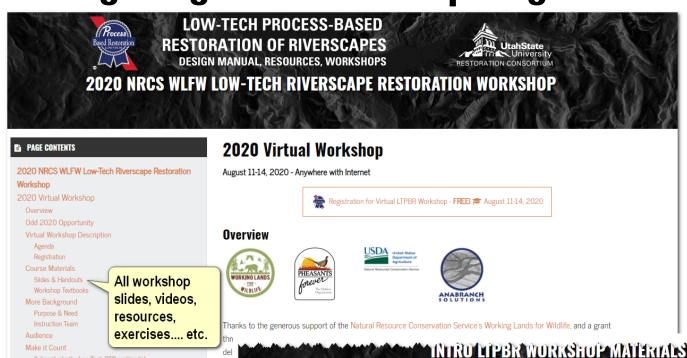


Find:

- Design Manual
- Pocket Guide
- Other Resources
- Workshop Slides
- Links/Videos/ Literature



Navigating the Workshop Pages



Mimicking and promoting wood accumulation and beaver

Resources:

- During workshop
- & Following workshop
- & to share <



We will post on slides and in chat windows:

Subscribe to the Low-Tech PBR mailing list

Links to resources we're *currently* using



Below you can find PDFs of the slides we cover in the intro to low-tech process-based restoration workshops. Each is PAGE CONTENTS licensed with a Creative Commons licence, so you are free to re-use subject to the terms of the license. Intro LTPBR Workshop Materials Day 1 - Intro to Low-Tech Process Based Restoration Day 1 - Intro to Low-Tech Process Based Restoration 1. Logistics and Introductions 4. Introduction to low-tech approaches The workshop kicks off with some introductions and logistics. 5. Guiding Principles stics, Introductions - Slides Day 2 - Planning and Designing Low-Tech Riparian Restoration A lot of material to get lost in.... 6. Beaver Ecology 7. Conservation Planning Process navigate to Module and Topic to find 8. Planning in Detail what you need...

2. Background and purpose

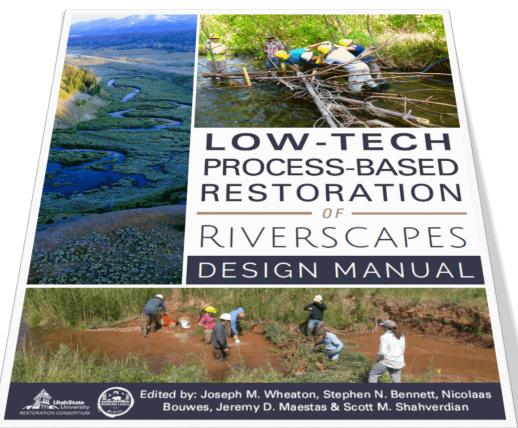
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Low-Tech PBR Design Manual

- Defines standards of practice for LTPBR
- Has what we'll need for reference in class room discussion (diagrams, forms, maps, etc.)





http://lowtechpbr.restoration.usu.edu

Pocket Guide

