

CMER SAG UPDATES

December 2023

WetSAG

Co-Chairs: Debbie Kay & Harry Bell

AMP Project Manager: Jenny Schofield (WMZ/FWEP)

Forested Wetlands Effectiveness Project

- Fall field work is ongoing.
 - Data downloads, data QAQC and water quality analysis from instrumented sites is ongoing and will continue for the next two water years.
 - Hemispherical photography is complete for 2023, will be repeated in summer 2024.

Wetlands Management Zone

- Policy approved the WMZ Charter at the May 2023 meeting, with the expectation that any lingering questions and comments be addressed during the scoping process.
- Scoping is ongoing and expected in early 2024.

UPSAG

Chairs: Ted Turner & Mike Maudlin

AMP Project Manager: Theryn Henkel

Deep-Seated Landslide Research Strategy

Project Team: Julie Dieu, Rachel Pirot, Anne Weekes, Elise Freeman, Jennifer Parker

AMP Project Manager: Theryn Henkel

- The DSL Mapping and Landform Classification Study Design was approved by CMER and sent to ISPR at the September CMER meeting. A response from ISPR was received in November, the contractor, BGC, Inc, has responded to ISPR comments, the project team is now reviewing those responses.
- The project Charter revision was approved at the November CMER meeting.
- The Project Management Plan development will be completed after ISPR is complete and the project moves into implementation.

Unstable Slope Criteria Project

Project Team: Julie Dieu, Dan Miller, Ted Turner, Jeff Keck, Elise Freeman,
Susan Shaw, Tiffany Justice

AMP Project Manager: Theryn Henkel

- The Object-Based Landform Mapping with High-Resolution Topography Study mapping is ongoing.

The report is currently being rewritten by the Criteria Project Team and UPSAG. Some analysis comparing manual mapping to computer mapping has begun.

- The Study Design for Empirical Evaluation of Shallow Landslide Susceptibility and Frequency by Landform (Project 3) and Empirical Evaluation of Shallow Landslide Runout (Project 4) received final approval at the September CMER meeting. The Prospective 6 Questions document is up for approval at the December CMER meeting.
- The Charter revision was sent back to UPSAG at the November CMER meeting for further revision. UPSAG did not have time to edit, review and approve the document at the December meeting, I will be up for approval at the January meeting.
- The Project Management Plan revision is ongoing as this project moves towards implementation.

SAGE

Chair: Todd Baldwin

AMP Project Manager: Anna Toledo (ENREP), Jenny Schofield (ETHEP, Eastside Forest Health)

Eastside Timber Habitat Evaluation Project (ETHEP)

- The ISPR-approved study design was approved by CMER in November and delivered to Policy in December. Ben Spei presented an overview of the project to Policy.

Eastside Type N Riparian Effectiveness Project (ENREP)

- Due to logistical complications, the landowner at Fish Creek anticipates the harvest will span two seasons. This may have some budgetary and timeline implications for the project. The Project Team is discussing these implications and will develop a recommendation for any proposed budgetary and timeline adjustments.
- The Project Team is discussing the possibility of an overall project extension. Any proposed changes to timeline and budget will be brought to SAGE for discussion.

Eastside Forest Health Strategy

- SAGE is currently working to develop the full Eastside Forest Health Strategy after approval of the strategy guidance document in Spring 2023.

RSAG

Chair: Joe Murray

AMP Project Managers: Anna Toledo (RCS, Riparian Function Literature Synthesis), Alexander Prescott (Westside Type F, Extensive Monitoring)

Riparian Characteristics and Shade Response Study

- PI Rachel Rubin, in coordination with the Project Team, has selected two sites within the Northwest Coast ecoregion for implementation in 2024. The PI and PM are coordinating with the landowner at both sites, Weyerhaeuser. The PI and PM are working to develop contracts with contractors to assist with the plot layout and tree census and to conduct LiDAR imagery.
- Rachel has drafted a pilot rule request to implement the RCS experimental harvest treatments

on the two selected sites for 2024. The request is expected to go to the Forest Practices Board in February 2024.

Westside Type F Riparian Prescription Effectiveness Project

- The Final Exploratory Report was approved by CMER and was sent to ISPR for review. The project team received the ISPR response on January 25th, 2023 Revisions, including a clean and markup version of the revised report, comment matrix, and summary letter were due back to ISPR by 3/10/23. This due date, and multiple subsequent targeted due dates have not been met and the report continues to be significantly delayed. The project team intends to complete and resubmit the necessary documents back to ISPR by end of the 2023.

Extensive Riparian Status and Trends Monitoring – Riparian Vegetation and Stream Temperature, Type F/N Westside and Eastside Project

- The ExMo Project Team continues to make headway on scoping the project through preliminary GIS analyses, conversations of fundamental design criteria, and evaluating critical questions and the measurements necessary to provide scientifically robust answers.

Riparian Function Literature Synthesis

- The Riparian Function Literature Synthesis is in RSAG review. RSAG provided comments on August 11. The authors have responded to comments and returned the document to RSAG. RSAG will discuss it at their December meeting.

ISAG

Co-Chair: Jason Walter

AMP Project Manager: Anna Toledo

Anadromous Fish Floor

- ISAG sent a request to CMER for approval of a project team at the CMER December meeting.

Water Typing Strategy

- Projects currently included in the Water Typing Strategy are: Potential Habitat Breaks (PHB), Default Physical Criteria Assessment (DPC), LiDAR Based Water Typing Model (LiDAR), and Fish/HabitatDetection Using eDNA (eDNA).
- The PHB Project Team has initiated desktop site selection and is discussing the need for a PI.
- The DPC Project Team is working on the DPC Study Design and expects to initiate concurrent CMER/ISAG review in early 2024.
- Western EcoSystems Technology, Inc. is supporting ISAG with statistical consultation for the PHB and DPC Study Designs.
- ISAG is looking for a new Co-Chair.

LWAG

Co-Chairs: AJ Kroll & Aimee McIntyre AMP

Project Manager: Jenny Schofield

Hard Rock

- The Phase III Amphibian Demographics project is in implementation. The first of two field seasons of amphibian demographic sampling has been completed at all historic Type N Study sites.
- Field work to support the second amphibian demographic sampling season began in July 2023 and concluded September 2023.

Discontinuous Np Surface Flows

- The Scoping Document is under development Summer 2023, with anticipated delivery to CMER in Spring 2024.
- The Charter will be updated to reflect Project Team changes and any other relevant changes, including updating the timeline.

Road Prescription-Scale Effectiveness Monitoring

Project Team: Julie Dieu, Charlie Luce, Tom Black, Erkan Istanbuluoglu, Amanda Alvis, Jenelle Black.

AMP Project Manager: Alexander Prescott

- The Project Team has begun to build an outline for the 2024 interim report project to be completes in June.
- The Project team also continues to process project data in addition to preparing for upcoming parametrization experiments in January.
- Amanda Alvis authored the second paper associated with this project entitled 'Using additional roughness to characterize erosion control treatment effectiveness in roadside ditch lines' to be published in Earth Surface Processes and Landforms.
- The Project Team is battling a marked uptick in vandalism and theft across not only our 78 study sites, but also our storage facilities. We are in the process of replacing some stolen equipment/supplies and working to improve our security through additional camera and storage process improvement.

Anticipated Documents for CMER Consideration/Review Next 12 Months						
Project Name	Document Type	Project Manager	Science Lead/PI	Oversight Committee	Original Anticipated Date	Anticipated Date of Delivery
Unstable Slopes Criteria Project - Landform Mapping	Final Report	Henkel	Elise Freeman (CMER)	UPSAG	Feb- 2023	Feb-2024
Westside Type F Exploratory Report	Final ISPR-Approved Report	Prescott	Jenelle Black (CMER)	RSAG	Mar-23	TBD
Westside Type F Exploratory Report	CMER Six Questions Document	Prescott	Jenelle Black (CMER)	RSAG	Mar-23	TBD
DPC	Study Design	Toledo	TBD	ISAG	Feb-23	Jan-24
Discontinuous Np Surface Flows	Scoping	Schofield	Aimee McIntyre (WDFW)	LWAG	Sept -22	Spring-24
Extensive Monitoring	Scoping Document	Prescott	TBD	RSAG	Dec-24	Dec-24
Road Prescription-Scale Effectiveness Monitoring	Interim Report/Presentation	Prescott	Jenelle Black (CMER)	CMER	Jun-24	Jun-24
WMZ	Scoping	Schofield	Tanner Williamson (CMER)	WetSAG		Feb-24
Riparian Function Literature Synthesis	Literature Synthesis	Toledo	Rachel Rubin (CMER)	RSAG	Oct-23	Feb-24
Deep-Seated Landslide Research Strategy	Revised Study Design	Henkel	Elise Freeman (CMER)	UPSAG	July- 23	Feb – 24
* Policy Initiated Items- Not following CMER' Protocols and Standards Manual						