

CMER SAG UPDATES

June 2024

WetSAG

Co-Chairs: Debbie Kay & Harry Bell

- Re-elected to a 2-year term- June

WetSAG meeting

AMP Project Manager: Jenny Schofield (WMZ/FWEP)

Forested Wetlands Effectiveness Project

- 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.
 - The project team is conducting summer field work

Wetlands Management Zone Effectiveness Monitoring

- 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, WetSAG has reviewed the first draft. Authors are continuing to develop the document based on current feedback from WetSAG.

UPSAG

Chairs: Jennifer Parker & 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

- PT is to developed a draft RFQQ for implementation of the Study Design, and UPSAG has reviewed. The RFQQ is with contracting for Review.
- UPSAG has begun discussions on the remaining projects in the strategy, planning for what the next step should be.

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 PT is focused on

writing the final report. Neptune will review the report to get another perspective/feedback before ISPR.

- Implementation has begun on 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).

SAGE

Chair: Todd Baldwin

- Re-elected to a 2 year term- June SAGE meeting
 - No co-chair nominated or elected at this time

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.
- The Prospective Six Questions document was delivered to TFW Policy at the April meeting.
- Project Management Plan is being developed
- The project team is assembling datasets and setting up the landscape classification analysis workflow.
- The project team presented on ETHEP Phase I to SAGE at the June 11th meeting. SAGE has agreed to move into phase II field data collection.
- The project team is planning a presentation/update to CMER at the September meeting.

Eastside Forest Health Strategy

- SAGE is currently working to develop the full Eastside Forest Health Strategy after approval of strategy guidance document in Spring 2023.
 - Rachel is continuing to gather literature and geospatial datasets for a desktop analysis.
 - Rachel gave an update at the May SAGE meeting and will be giving a more in-depth presentation to SAGE in the coming months

Eastside Type N Riparian Effectiveness Project (ENREP)

- Field season is underway. Fish Creek harvest started in May.
- SAGE and CMER approved the updated Prospective 6 Questions document with information pertaining to the proposed project extension. The proposed 5-year extension of a reduced suite of variables would bring the total to 7 years post-harvest monitoring. TFW Policy passed the following motion regarding the proposed extension:

“The TFW Policy Committee approves the collection of one additional year of post harvest data for the ENREP, beyond the approved study design two years post-harvest, for the fiscal year 2025. The additional data/ information will be included as a separate appendix to the original study. The TFW Policy Committee reaffirms its commitment to respond to the ENREP study report as originally scheduled, two years post-harvest, and will follow the timelines outlined in the DNR AMP Board Manual (Section 22) in determining the type of

action to be taken based on this report. Additional years of post-harvest data collection may be considered, contingent upon Policy consensus and availability of funds in the 2025-2027 biennium budget. The approval of this extended monitoring does not negate or imply that the original study design will fail to produce sufficient information for TFW Policy to act as required.”

RSAG

Co-Chairs: Joe Murray & Jenny Knoth

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

- RSAG field trip with Dr. Timothy Wootton scheduled for Wednesday, July 10.
- Joe Murray re-elected for 2 year co-chair term. Jenny Knoth elected for 1 year co-chair term.

Riparian Characteristics and Shade Response Study

- PI Rachel Rubin coordinated and completed implementation at the first of two sites within the Northwest Coast ecoregion this summer. This included taking daily hemispherical photos during implementation week and coordinating and overseeing contractors to complete LiDAR flights, sequential timber cutting, and post-harvest tree inventory. Implementation at the second site will be completed by mid-July.

Westside Type F Riparian Prescription Effectiveness Project

- Exploratory Report Timeline:
 - November 2022, Approved by CMER and sent to ISPR for review.
 - January 2023, ISPR response received.
 - April 2024, Revised version sent to and approved by ISPR.
 - May 2024, CMER approval of report (with allowances for minor corrections)
 - July/August 2024, Tentative target for findings report package approval at CMER

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

- The ExMo Project Team (PT) continues to make headway on scoping the project through the development of the Scoping and BAS documents.
- PT members have been outlining and writing various sections/elements of the documents and refining alternatives for both stream temperature and riparian functions/conditions components.

Riparian Function Literature Synthesis

- CMER initiated the 30-day review process at their May meeting. CMER reviewers are Jenny Knoth, A.J. Kroll, and Welles Bretherton. Comments are due June 27th.

ISAG

Chair: Jason Walter

AMP Project Manager: Anna Toledo

- Jason Walter was re-elected as Chair. Chris Mendoza is talking with his organization to check for approval and funding to serve as Co-Chair. If approved, ISAG supports Chris serving as Co-Chair with Jason.

Anadromous Fish Floor

- The AFF Project Team has been reviewing historic documents related to previous AFF work and conducting an after-action review.

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 is working on desktop site selection. The Project Team is also working on acquiring a PI and has developed a draft scope of work for what would be needed from a PI.
- The DPC Project Team is working on the DPC Study Design and expects to initiate concurrent CMER/ISAG review in summer/fall 2024.
- Western EcoSystems Technology, Inc. is supporting ISAG with statistical consultation for the PHB and DPC Study Designs.

LWAG

Co-Chairs: AJ Kroll & Aimee McIntyre

- Re-elected to a 2-year term- June LWAG

Meeting

AMP Project Manager: Jenny Schofield

Type Np Hard Rock Phase III- Amphibian Demographics

- Analyses to support report development have been completed.
- Report development is in progress.
- Anticipated delivery of report to CMER for review in September 2024.

Temperature and Amphibians in Discontinuously Flowing Np Reaches

- The project team has completed the first draft of the Scoping Document.
- The first draft of the Scoping document has been delivered to LWAG.
- First draft of scoping has been reviewed by LWAG.
 - Questions and comments have been addressed.
 - LWAG will have the opportunity for a second revision concurrently with CMER review.
 - LWAG supports submission of the scoping document to CMER for review.

- CMER has received the LWAG Scoping document for review.

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 (PT) continues to develop the 2024 interim report for expected delivery in the August 2024 CMER meeting.
- The PT continues to prepare for the implementation of the Sediment Trap Efficiency Experiment after the Detailed Implementation Plan was approved by CMER in April 2024. Execution of the STE is planned for June 2024.
- The PT is in the early stages of collaborating with Neptune and Company, Inc (using the AMP Statistician Contract) after developing a work order to process traffic camera and count data using machine learning. This effort is ongoing as we wait for the results from Neptune while they build and run a convolution neural net approach to classify hundreds of thousands of traffic camera photos.
- The PT continues to work on numerous data analyzation efforts related to microtopography, flow imputation, rain gauge data management, flow calibration, turbidity, suspended sediment concentration, etc.
- The PT continues to work with the DNR Pacific Cascade (PC) region as we execute the annual road maintenance, with phase 1 now completed (consisting of adding road surface rock and implementing ditch treatments/ditch maintenance) and phase 2 (road grading) scheduled for October.

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	August 2024
Westside Type F Exploratory Report	CMER Six Questions Document	Prescott	Jenelle Black (CMER)	RSAG	Mar-23	Aug-24
DPC	Study Design	Toledo	TBD	ISAG	Feb-23	Aug-24
Discontinuous Np Surface Flows	Scoping	Schofield	Aimee McIntyre (WDFW)	LWAG	Sept -22	June-24
Extensive Monitoring	Scoping Document	Prescott	Jeff Robins (ECY)	RSAG	Dec-24	Dec-24
Road Prescription-Scale Effectiveness Monitoring	Interim Report/Presentation	Prescott	Jenelle Black (CMER)	CMER	Jun-24	Aug-24
WMZ	Scoping	Schofield	Tanner Williamson (CMER)	WetSAG	May-24	TBD
Riparian Function Literature Synthesis – CMER approval	Literature Synthesis	Toledo	Rachel Rubin (CMER)	RSAG	Aug-24	Aug-24
Eastside Timber Habitat Evaluation Project	Project management Plan	Schofield	Rachel Rubin (CMER)	SAGE	March-24	July-24
Eastside Timber Habitat Evaluation Project	Charter Update	Schofield	Rachel Rubin (CMER)	SAGE	July-24	July-24
* Policy Initiated Items- Not following CMER' Protocols and Standards Manual						