

CMER SAG UPDATES

January 2022

WetSAG

Co-Chairs: Debbie Kay & Harry Bell AMP

Project Manager: Alexander Prescott

- The Wetland Scientist position was re-advertised. Jenelle is in the final stages of the candidate selection process. The 2nd round of interviews were completed but a candidate did not accept the offer.
- WetSAG is investigating options for project contracting needs in the interim for short term for immediate site selection needs.

Forested Wetlands Effectiveness Project

- The FWEP subgroup is continuing work on the Site Selection and Data Collection Plan (Implementation Plan). The project is delayed until the Wetland Scientist is hired or temporary consultants can be brought onboard.
- WetSAG is trying to get a consultant hired to help keep this project on track.

Wetlands Management Zone

- Discussion of WMZ is currently on hold as WetSAG focuses on FWEP. The project charter will be updated as progress is made.
- Funding for the WMZ begins in FY26, with implementation funding slated to begin in FY28.

UPSAG

Co-Chairs: Ted Turner & Kara Whittaker

AMP Project Manager: Lori Clark

Deep-Seated Landslide Research Strategy

- UPSAG had presentations from Alexander Handwerger, Assistant Researcher with NASA Joint Institute for Regional Earth System Science and Engineering, will be presenting on feasibility of using SAR techniques to identify regional DSL activity level in WA, and Adam Booth, with PSU, will talk about using LIDAR to evaluate deep-seated landslide (DSL) kinematics.
- UPSAG is working through fundamental issues/sticking points with the DSL Study Design. The goal is to have a draft Study Design to present to CMER in the spring of 2022.

Unstable Slope Criteria Project

Project Team: Julie Dieu, Dan Miller, Ted Turner, Greg Stewart (CMER Staff)

AMP Project Manager: Lori Clark

- Greg Stewart is using OBIA to delineate landscape features. He has been creating topographic

- indices, writing scripts for identifying roads and water bodies using NAIP and DTM in state
- The Object-Based Landform Mapping with High-Resolution Topography Study report is expected to go to up UPSAG for review in March of 2022 and CMER Review in April 2022. Dan Miller has begun work on the study Designs for Empirical Evaluation of Shallow Landslide Susceptibility and Frequency by Landform (Project 3). This Study Design is expected to go to UPSAG in April. The Empirical Evaluation of Shallow Landslide Runout (Project 4) Study Design will be drafted following UPSAG's approval of the Project 3 Study Design.

SAGE

Chair: Todd Baldwin

AMP Project Manager: Anna Toledo

Eastside Timber Habitat Evaluation Project (ETHEP)

- The Project Team continues to meet at regular intervals and is making good progress on the Study Design.

Eastside Type N Riparian Effectiveness Project (ENREP)

- Harvest at the Tripps is completed and harvest at Blue Grouse study site is currently underway and is expected to be completed soon.
- Processing of benthic and eDNA samples is ongoing as well as preliminary analyses.
- University of Idaho site visits are ongoing for fall/winter maintenance and data downloads. Data QA/QC and processing is ongoing.

RSAG

Chair: Joe Murray

AMP Project Managers: Anna Toledo (RCS), Lori Clark (SoftRock, Westside Type F, Smart Buffer, SFLO)

- RSAG is doing a field trip this spring to Pack Forest.
- RSAG considering quarterly field trips (in addition to regular RSAG meetings). RSAG is happy to have others join in for the field trips.

Riparian Characteristics and Shade Response Study

- The revised Study Design and response matrix was sent back to ISPR for their review of the revisions.
- RSAG is discussing options for pursuing a related study or add on to the RCS or Type F studies to look at additional treatments and potential paths forward. RSAG is discussing the overlap between extensive monitoring and cumulative effects.
- Study Design is expected to come to CMER in February/March (depending on ISPR review).
- RSAG will review the RCS timeline at the February meeting and revise site selection timeline, as needed, according to the ISPR review.

Type N Soft Rock Final report

- The Extended Monitoring Data addendum to the Final Report was sent out in the November CMER mailing for review. The Soft Rock Addendum was not approved. Additional time was given to review the document. Edits were received by one reviewer. The PI met with the

CMER members who had comments on January 10th. The revised Addenda documents will be shared with CMER on January 18th and will be up for approval at the January CMER meeting.

- Type N Soft Rock Final Report and Findings Package was presented to Policy on January 6, 2022.

Westside Type F Riparian Prescription Monitoring Project

- The was reviewed by RSAG at the November meeting.
- The Exploratory Report revision has been delayed due to staffing capacity. The revised schedule is to submit to CMER for 30-day review by February 2022. Following the Exploratory Report completion, the project team will initiate work on the 6 Questions document and the Type F BACI study design.
- RSAG formed a new project team to work on the Westside Type F Riparian Prescription Monitoring Project.

Extensive Status and Trends Monitoring Workshop

- A Policy subgroup has been meeting to clarify the Extensive Project.

WFPA Smart Buffer Design

- Dispute Resolution Informal meeting was held on Nov 5, 11:30am-1pm. Resolution was not reached on the disagreements. Stage 2 was invoked. The deadline for position papers was November 24th. Position papers were submitted. Waiting for Board to approved funds so that this can move to an arbitration panel.

ISAG

Co-Chairs: Jason Walter & Cody Thomas

AMP Project Manager: Anna Toledo

Water Typing Strategy

- Projects currently included in the Water Typing Strategy are: Default Physical Criteria Assessment (DPC), Potential Habitat Breaks (PHB), LiDAR Based Water Typing Model (LiDAR), and Fish/Habitat Detection Using eDNA (eDNA).

The water typing project team is currently working on the PHB study design. Field implementation will begin in FY24, including field reconnaissance. Western EcoSystems Technology, Inc. is supporting ISAG with statistical consultation for the PHB study design.

- Anticipating sending PHB Study Design as a concurrent CMER/ISAG review. The document will be shared on February 15th.

LWAG

Co-Chairs: AJ Kroll & Aimee McIntyre

AMP Project Manager: Lori Clark

Type N Hard Rock

Phase II

- The Extended Monitoring Data addendum to the Final Report was sent out in the November CMER mailing for review. The Hard Rock Extended Monitoring Data addendum was not

approved. Additional time was given to review the document. Edits were received by one reviewer. The PI met with the CMER members who had comments on January 10th. The revised Addenda documents will be shared with CMER on January 18th and will be up for approval at the January CMER meeting.

- The Type N Phase II Hard Rock Final Report and Findings Package were presented to Policy on January 6, 2021.

Phase III

- The Phase III Amphibian Demographics Charter is currently in Dispute.
- The Phase III Project Management Plan will be reviewed by LWAG following the resolution of the Charter Dispute Resolution.

Discontinuous Np Surface Flows

- A draft scoping document is anticipated to be delivered to CMER in April 2022.

Road Prescription-Scale Effectiveness Monitoring Project Team

Project Team: Julie Dieu, Charlie Luce, Tom Black, Bob Danehy, Erkan Istanbuluoglu, Amanda Manaster, Jenelle Black.

AMP Project Managers: Alexander Prescott

- Project Team expects to run the Short Time Scale Parameterization Pilot Experiment in February 2022.
- AMP staff are developing a new work order based services contract to purchase 12 water bars needed for site repair. This contract will also cover other fabricated items from S&R Sheet Metal Inc. up to a total of \$30,000.

Anticipated Documents for CMER Consideration/Review Next 12 Months

| Project Name | Document Type | Project Manager | Science Lead/PI | Oversight Committee | Anticipated Date of Delivery |
|--|--------------------------------------|-----------------|-----------------------|---------------------|------------------------------|
| Hard Rock | Hard Rock Addendum | Clark | Aimee McIntyre (WDFW) | LWAG | Jan 21 |
| Soft Rock | Soft Rock Addendum | Clark | Bill Ehinger (ECY) | RSAG | Jan 21 |
| Westside Type F Exploratory Report | Final Report | Clark | Jenelle Black (CMER) | RSAG | Feb 22 |
| Westside Type F Exploratory Report | CMER Six Questions Document | Clark | Jenelle Black (CMER) | RSAG | Feb-22 |
| RCS | ISPR Approved Study Design | TBD | Malia Volke (CMER) | RSAG | Feb-22 |
| Potential Habitat Breaks | Study Design | TBD | TBD | ISAG | Feb-22 |
| Deep Seated Landslide Strategy: Landslide Mapping and Classification | Study Design | Clark | Greg Stewart (CMER) | UPSAG | Mar-22 |
| Unstable Slopes Criteria Project - Susceptibility and Runout | Study Design | Clark | Greg Stewart (CMER) | UPSAG | Mar-22 |
| Unstable Slopes Criteria Project - Landform Mapping | Final Report | Clark | Greg Stewart (CMER) | UPSAG | Mar-22 |
| Hard Rock Phase III - Amphibian Demographics | Project Management Plan | Clark | Aimee McIntyre (WDFW) | LWAG | Mar-22 |
| ENREP | Updated Charter | TBD | Tim Link (U.I.) | SAGE | Feb-22 |
| FWEP | Project Management Plan | TBD | Jenelle Black (CMER) | WetSAG | Jan-22 |
| RCS | CMER Six questions document | TBD | Malia Volke (CMER) | RSAG | Mar-22 |
| Discontinuous Np Surface Flows | Scoping | Clark | Aimee McIntyre (WDFW) | LWAG | Mar Apr-22 |
| RCS | Updated Charter | TBD | Malia Volke (CMER) | RSAG | Mar-22 |
| Wetland Management Zone | Updated Charter | TBD | TBD | WetSAG | Mar-22 |
| RCS | Project Management Plan | TBD | Malia Volke (CMER) | RSAG | May-22 |
| ETHEP | Initiate CMER review of study design | TBD | Malia Volke (CMER) | SAGE | May-22 |

* Policy Initiated Items- Not following CMER' Protocols and Standards Manual