

CMER SAG UPDATES

May 2021

WetSAG

Co-Chairs: Debbie Kay & Harry Bell

AMP Project Manager: Eszter Munes

Forested Wetlands Effectiveness Project

- A subgroup was formed to work on the Site Selection and Data Management document (Harry B., Debbie K, Jenelle B., Eszter M., and Amy Y.). Subgroup members have made progress on the document and expect to continue working on it through May 2021. They are currently building maps for preliminary site selection, determining variables to be measured, equipment needs, and site layout.
- Some equipment has been purchased and will be field tested in the coming months.
- WetSAG has updated the project charter to reflect updates to budget estimate, project team, and timeline. It will be submitted to CMER for approval in May 2021.

Wetlands Intrinsic Potential Tool- WIP

- The WIP Final Report and the Six Questions Document has been approved by CMER and will be presented to TFW Policy in June or July 2021.
- The contractor will provide Jenelle Black and possibly others with training on use of the WIP tool prior to the end of FY21.

Wetlands Management Zone

- Debbie Kay has taken the lead on developing a task list for the scoping phase of WMZ, including some preliminary GIS work to inform scoping discussions and generating a list of wetland functions to evaluate for inclusion in the study. Update to the project charter is in progress. Additional tasks and a work plan will be forthcoming.
- Per the MPS approved by the FP Board at their August meeting, all funding for the WMZ project was delayed until FY 26 (study design) with implementation funding slated to begin in FY 28.

UPSAG

Co-Chairs: Ted Turner & Kara Whittaker

AMP Project Manager: Teresa Miskovic

Deep-Seated Landslide Research Strategy

- Work is continuing on study design development, with the current target being to have a draft study design by fall 2021.

SAGE

Chair: Todd Baldwin

AMP Project Manager: Teresa Miskovic

Eastside Timber Habitat Evaluation Project (ETHEP)

- The scoping document was approved at the March CMER meeting.
- The answers to the prospective 6 questions were approved at the April SAGE and CMER meetings. The answers to the prospective 6 questions and the scoping document went to the May Policy meeting along with a presentation on the scoping document and alternative analysis.

Eastside Type N Riparian Effectiveness Project (ENREP)

- Harvest at the Springdale basin is completed. The first post-harvest forest mensuration measurements have been collected.
- Harvest is anticipated to begin at the Blue Grouse site in mid-June and for the Tripps site in August. RMZ boundaries were checked and adjusted at the Blue Grouse site to ensure they are as close to the FPR 50 foot width as feasible.
- University of Idaho field personnel have been hired for the 2021 field season. Crew training in the field began the week of May 17th.

RSAG

Chair: Joe Murray

AMP Project Managers: Teresa Miskovic (RCS), Eszter Munes (Soft Rock, Type F, LWD, Smart Buffer, SFLO)

Riparian Characteristics and Shade Response Study

- The study design was approved to send to ISPR at the March CMER meeting. An Associate Editor has been identified and is currently looking for reviewers.
- Additional treatments were proposed by some RSAG members to add to the current study. The additional treatments were considered by RSAG and CMER and consensus was not reached. The dispute resolution process was invoked over proposing adding the additional treatments to the current study design and the process the additional treatments were proposed. The dispute resolution process has been completed and the study design was approved to send to ISPR without the additional treatments.
- RSAG is discussing options for pursuing a related study to look at additional treatments and potential paths forward.

Type N Soft Rock Final report

- **ISPR Review of Final Report:** All chapters have undergone ISPR review and were returned to the authors in December 2020. All chapters have been returned to ISPR with the exception of Chapter 5 – *Stream discharge, turbidity, and suspended sediment export*, which is being considered for removal from the report and a comment matrix to ISPR will be forthcoming. The authors will propose a format to include a reference to Chapter 5 in the Final Report when the ISPR review process is complete.
- **Extended Monitoring:** Extended monitoring data will be reported either as an addendum to the Final Report or as a separate report. CMER will make a formal recommendation to Policy after the data is presented, tentatively in fall 2021.

Westside Type F Riparian Prescription Monitoring Project

- The project team will complete revisions to the Exploratory Report and plan to submit to CMER in July 2021.
- The project team met in July 2020 to initiate work on the BACI study design. After the completion of the exploratory report, the team will resume working on refining study questions. An RSAG reviewed and approved study design is expected to be delivered to CMER in early 2023.
- Per the MPS approved by the FP Board at their August 2020 meeting, all funding for the implementation of the Westside Type F project was delayed until FY 25. The project team will continue to work on the study design and other project elements utilizing internal resources in the interim.

Extensive Status and Trends Monitoring Workshop

- The workshop was held January 29th, 2021. The Policy workgroup is continuing to discuss next steps for Extensive Monitoring based on information shared at the workshop.

WFPA Smart Buffer Design

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- In March 2021, CMER voted on but did not approve the Smart Buffer study design. Two CMER reviewers continue to work with the author on remaining issues to gain approval in April.
- In April, CMER voted to delay approval of the Smart Buffer study design. This would provide Doug Martin an opportunity to present the Lidar-derived model for estimating shade. CMER also agreed to have a subgroup discuss remaining concerns and possibility of outside technical review. The subgroup will meet on May 24, 2021 and will provide CMER with an update on the following day.

ISAG

Co-Chairs: Jason Walter & Cody Thomas

AMP Project Manager: Eszter Munes

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 ISAG water typing subgroup is currently working on the PHB study design.
- A contractor from Western EcoSystems Technology, Inc. is providing ISAG with statistical consultation for the PHB study design.

eDNA Pilot Study

- In May 2020, CMER agreed to send the eDNA Pilot Study back to Brooke, PI for revisions. The revisions were completed, moved from ISAG to CMER for approval, and presented to CMER in December 2020. The motion to approve and send the final report to Policy failed to pass and moved into dispute resolution. On February 17, 2021, CMER voting members agreed to incorporate unresolved comments and concerns (lessons learned) into Question 4 of the Six Questions document. Jason Walter drafted the document (incorporating comments from CMER members). In March, CMER members met to work on answering question 4 (what does the study

tell us, what does the study not tell us.) The work continued in May and CMER is expecting to approve at their June meeting.

LWAG

Co-Chairs: AJ Kroll & Aimee McIntyre

AMP Project Manager: Heather Gibbs

Hard Rock Phase II

- All chapters of the Phase II Report have been approved by ISPR and CMER
- The Executive Summary for the report will be up for CMER approval at the May meeting.
- The Six Questions document will be delivered to CMER at the May meeting starting a 30-day review period.

Amphibian in Discontinuous Type Np Waters

- The draft Scoping Document will be delivered to CMER for review in June.

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: Teresa Miskovic and Heather Gibbs (Field Coordinator)

- Another round of monthly year 2 data collection was completed by West Fork Environmental and Rayonier the week of April 19th.
- A RFQQ was advertised to provide sediment analysis for the life of the project. No proposals were received from the RFQQ so alternative contracting options are being pursued.
- West Fork Environmental began fabricating flow splitters for 11 high flow sites.
- Additional tipping buckets have been completed and additional trough covers are currently being fabricated. The trough covers will help keep the troughs clear of debris and rock so road sediment can effectively be collected. The tipping buckets will replace one's that are no longer performing effectively.
- The first Ditch-Line hydraulics experiment was completed the week of May 3rd.
- Micro-topography experiments were conducted pre-road grading the week of May 10th and will be conducted post-road grading the week of May 24th.

Unstable Slope Criteria Project Team

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

AMP Project Manager: Teresa Miskovic

- 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 plane, and exploring methods and scales for interpolating LAS into meter scale DEM's for unstable landform ID.

- The project team met March 26th to discuss the items Greg is working on, Dan Miller's work developing ArcGIS Pro Python scripts, and steps for drafting the final report. The next team meeting is scheduled for the last week in May.

CMER Work Plan Improvement Group

AMP Support: Heather Gibbs

- The Work Plan Improvement Group will begin work in the fall of 2021.

Small Forest Landowner PI – Outside science review

AMP Support: Eszter Munes

- During the January CMER meeting, Harry Bell presented a proposal for dispute resolution for lack of progress on the six questions document. He provided the SFL workgroup details of the proposal during the first dispute resolution meeting on March 12, 2021.
- The group met again on March 31, 2021 to continue work on the Six Questions document. During this meeting they discussed using a different approach to review the works of Martin (SJ), Teply (Cramer review), and ISPR of Cramer review. This approach finds areas where the three documents (ISPR considered one) agree and where there is disagreement between the documents and the report.
- At the groups meeting on May 14, 2021, they agreed to have Jenny Knoth draft a document incorporating comparisons of the reviews by function and prescription. The group will provide review this document by June 11th and additional work and discussion will take place at a meeting in mid-late June (date TBD).

Anticipated Documents for CMER Consideration/Review 2021

Project Name	Document Type	Project Manager	Science Lead/PI	Oversight Committee	Anticipated Date of Delivery
ETHEP	Scoping Document	Miskovic	Malia Volke (CMER)	SAGE	Oct-20
RCS	Study Design	Miskovic	Malia Volke (CMER)	RSAG	Jan-21
Hard Rock Phase II	ISPR Approved Final Report	Gibbs	Aimee McIntyre (WDFW)	LWAG	Feb-21
ENREP	Project Management Plan	Miskovic	Tim Link (U.I.)	SAGE	Feb-21
ETHEP	CMER Six questions document	Miskovic	Malia Volke (CMER)	SAGE	Apr-21
FWEF	Updated Charter	Munes	Jenelle Black (CMER)	WetSAG	May-21
eDNA Pilot - DR	CMER Six questions document/Final Report	Munes	NA	CMER	May-21
Hard Rock Phase III - Amphibian Demographics	Charter	Gibbs	Aimee McIntyre (WDFW)	LWAG	Jun-21
Discontinuous Np Surface Flows	Scoping	Gibbs	Aimee McIntyre (WDFW)	LWAG	Jun-21
Smart Buffer	Study Design	Munes	Doug Martin	RSAG	Jun-21
Westside Type F Pilot	Final Report	Munes	Jenelle Black (CMER)	RSAG	Jun-21
Hard Rock Phase III - Amphibian Demographics	Project Management Plan	Gibbs	Aimee McIntyre (WDFW)	LWAG	Jul-21
Potential Habitat Breaks	Study Design	Munes	TBD	ISAG	Jul-21
FWEF	Project Management Plan	Munes	Jenelle Black (CMER)	WetSAG	Jul-21
Default Physicals Criteria	Charter	Munes	TBD	ISAG	Aug-21
Default Physicals Criteria	Project Management Plan	Munes	TBD	ISAG	Aug-21
Wetland Management Zone	Charter	Munes	TBD	WetSAG	Aug-21
Hard Rock Phase II	CMER Six questions document	Gibbs	Aimee McIntyre (WDFW)	LWAG	Aug-21
ETHEP	Updated Charter	Miskovic	Malia Volke (CMER)	SAGE	Aug-21
Unstable Slopes Criteria Project - Landform Mapping	Final Report	Miskovic	Greg Stewart (CMER)	UPSAG	Sep-21
Soft Rock	ISPR Approved Final Report	Munes	Bill Ehinger (DOE)	RSAG	Sep-21
RCS	CMER Six questions document	Miskovic	Malia Volke (CMER)	RSAG	Sep-21
ENREP	Updated Charter	Miskovic	Tim Link (U.I.)	SAGE	Oct-21
Westside Type F Pilot	CMER Six Questions Document	Munes	Jenelle Black (CMER)	RSAG	Oct-21
RCS	Updated Charter	Miskovic	Malia Volke (CMER)	RSAG	Nov-21
RCS	Project Management Plan	Miskovic	Malia Volke (CMER)	RSAG	Dec-21
Soft Rock	CMER Six questions document	Munes	Bill Ehinger (DOE)	RSAG	Dec-21
Deep Seated Landslide Strategy: Landslide Mapping and Classification	Study Design	Miskovic	Greg Stewart (CMER)	UPSAG	Dec-21
Unstable Slopes Criteria Project - Susceptibility and Runout	Study Design	Miskovic	Greg Stewart (CMER)	UPSAG	Dec-21
Default Physicals Criteria	Study Design	Munes	TBD	ISAG	Dec-21