

# CMER SAG UPDATES

June 2021

## WetSAG

Co-Chairs: Debbie Kay & Harry Bell

AMP Project Manager: Eszter Munes

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### 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 June 2021. They are currently building maps for preliminary site selection, determining variables to be measured, equipment needs, and site layout.
- Some equipment, including a soil moisture probe system, has been purchased and will be field tested in June and July.
- WetSAG has updated the project charter to reflect updates to budget estimate, project team, and timeline. It was approved by CMER in May 2021. A final version with additional and requested changes will be submitted to CMER in June.

### 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 July 2021.
- The contractor has provided Jenelle Black and other WetSAG members with training on use of the WIP tool. The contract is expected to be closed out before the end of FY21.

### Wetlands Management Zone

- WetSAG discussed the project tasks and timeline during their May meeting, with plans to discuss more specific staff and budget needs during their July meeting. The project charter will be updated as details are solidified.
- 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

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### Deep-Seated Landslide Research Strategy

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

## SAGE

Chair: Todd Baldwin

AMP Project Manager: Teresa Miskovic

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## Eastside Timber Habitat Evaluation Project (ETHEP)

- 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. The scoping document was approved at the June Policy meeting and SAGE directed to move forward with developing a study design for Alternative 2.

## Eastside Type N Riparian Effectiveness Project (ENREP)

- Harvest is anticipated to begin at the Tripps site in mid-June and for the Blue Grouse site in September. RMZ boundaries were checked and adjusted at the Blue Grouse and Tripps sites to ensure they are as close to the FPR 50 foot width as feasible.
- Pre-harvest stream profile measurements have been completed at the Tripps treatment basin.
- University of Idaho field personnel have been hired for the 2021 field season. Crew training and field work began in May.
- The Utah State field crew completed macro invertebrate sampling the beginning of June.

## RSAG

Chair: Joe Murray

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

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## Riparian Characteristics and Shade Response Study

- The study design was approved to send to ISPR at the March CMER meeting. An Associate Editor and reviewers have been identified and are currently reviewing the study design. ISPR comments are due June 24<sup>th</sup>.
- 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.

## Type N Soft Rock Final report

- **ISPR Review of Final Report:** ISPR has approved all chapters with the exception of Chapter 3 – *Riparian stand structure and wood recruitment* and Chapter 5 – *Stream discharge, turbidity, and suspended sediment export*. Chapter 3 is undergoing revisions and will be returned to ISPR for approval. The authors are working to gain ISPR concurrence to remove Chapter 5 as a stand-alone chapter, with the intent to capture the information elsewhere in the final report. After all the chapters have been ISPR-approved, they will be returned to CMER for approval.
- **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 submit to CMER for approval by August 2021. They will also initiate work on the Six Questions document and the Type F BACI study design.

## Extensive Status and Trends Monitoring Workshop

- The workshop was held January 29<sup>th</sup>, 2021. The Policy workgroup developed recommendations for Extensive Monitoring based on information shared at the workshop. The recommendations include Policy moving forward with developing an Extensive Project and including funding for it in the next MPS. The recommendations were approved at the June Policy meeting.

## WFPA Smart Buffer Design

- 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 technical review. The author (Doug M.) will revise his study design using LiDAR and submit the new version to CMER for review in June 2021.

## ISAG

Co-Chairs: Jason Walter & Cody Thomas

AMP Project Manager: Eszter Munes

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## 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

- The eDNA Finding's Report will be delivered to Policy in July 2021.

## LWAG

Co-Chairs: AJ Kroll & Aimee McIntyre

AMP Project Manager: Heather Gibbs

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## Hard Rock Phase II

- The Executive Summary for the final report was approved by CMER in May and sent to ISPR for review.
- The Six Questions document was delivered to CMER at the May meeting. Comments are due back on June 25, 2021.

## Discontinuous Np Surface Flows

- Curt Veldhuisen has left the project team as he was concerned his continued participation at Policy would crossover the “firewall”. He did a great job in his short time with the team and we will miss him!
- WDFW has committed to finishing the Scoping Document with an in-kind donation of their time in the next biennium.
- An updated charter will be distributed for review by CMER in July.

## 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)

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- The yearly tub-cleaning of all 78 sites kicked-off in June. The Contractor (West Fork) will be working on this step for most of the month.
- Additional trough covers have been fabricated. Delivery of the covers will be in mid-June.
- The first Ditch-Line hydraulics experiment was completed the week of May 3<sup>rd</sup> and the project team is working on data QA/QC and starting some preliminary analysis.
- Micro-topography experiments were conducted pre-road grading the week of May 10<sup>th</sup> and post-road grading the week of May 24<sup>th</sup>.

## Unstable Slope Criteria Project Team

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

AMP Project Manager: Lori Clark

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- 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. He has begun working on the project report.

## CMER Work Plan Improvement Group

AMP Support: Heather Gibbs

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

## Small Forest Landowner PI – Outside science review

AMP Support: Eszter Munes

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- At the SFL workgroup's meeting on May 14, 2021, they agreed to have Jenny Knoth draft a document incorporating comparisons of the SJ, Teply, and ISPR reviews by function and prescription. The group is reviewing this document and additional work and discussion will take place at a meeting on June 14, 2021. CMER is expected to receive the document for review in July 2021.

## Anticipated Documents for CMER Consideration/Review 2021

Project Name	Document Type	Project Manager	Science Lead/PI	Oversight Committee	Anticipated Date of Delivery
Hard Rock Phase II	CMER Six Questions document	Gibbs	Aimee McIntyre (WDFW)	LWAG	Jun-21
Smart Buffer*	Study Design document	Munes	Doug Martin	CMER	Jun-21
Westside Type F Pilot	Final Report	Clark	Jenelle Black (CMER)	RSAG	Jul-21
Discontinuous Np Surface Flows	Updated Charter	Gibbs	Aimee McIntyre (WDFW)	LWAG	Jul-21
SFLO Template Science Justification*	N/A	Munes	TBD	CMER	Jul-21
Hard Rock Phase III - Amphibian Demographics	Charter	Gibbs	Aimee McIntyre (WDFW)	LWAG	Aug-21
Wetland Management Zone	Charter	Munes	TBD	WetSAG	Aug-21
ETHEP	Updated Charter	Miskovic	Malia Volke (CMER)	SAGE	Aug-21
FWEP	Project Management Plan	Munes	Jenelle Black (CMER)	WetSAG	Sep-21
Unstable Slopes Criteria Project - Landform Mapping	Final Report	Clark	Greg Stewart (CMER)	UPSAG	Sep-21
Soft Rock	ISPR Approved Final Report	Clark	Bill Ehinger (DOE)	RSAG	Sep-21
RCS	ISPR Approved Final Report	Miskovic	Malia Volke (CMER)	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	Clark	Jenelle Black (CMER)	RSAG	Oct-21
Potential Habitat Breaks	Study Design document	Munes	TBD	ISAG	Nov-21
Default Physicals Criteria	Charter	Munes	TBD	ISAG	Nov-21
Default Physicals Criteria	Project Management Plan	Munes	TBD	ISAG	Nov-21
Hard Rock Phase III - Amphibian Demographics	Project Management Plan	Gibbs	Aimee McIntyre (WDFW)	LWAG	Nov-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	Clark	Bill Ehinger (DOE)	RSAG	Dec-21
Deep Seated Landslide Strategy: Landslide Mapping and Classification	Study Design document	Clark	Greg Stewart (CMER)	UPSAG	Dec-21
Unstable Slopes Criteria Project – Shallow Landslide Susceptibility and Frequency by Landform	Study Design document	Clark	Greg Stewart (CMER)	UPSAG	Feb-22
Discontinuous Np Surface Flows	Scoping document	Gibbs	Aimee McIntyre (WDFW)	LWAG	Feb-22

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