

# CMER SAG UPDATES

March 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 March 2021. They are currently building maps for preliminary site selection, determining variables to be measured, equipment needs, and site layout.
- WetSAG has reviewed and approved an updated budget for FWEP. The estimates have been incorporated into the current working version of the Master Project Schedule. The SAG will update the Project Charter with the new budget, timeline, and project team information, and bring to CMER by May 2021.

### Wetlands Intrinsic Potential Tool- WIP

- Contractor has received CMER reviewers comments and is working on completing the comment matrix. Comment matrix will be returned to CMER reviewers by mid-February.
- The Contractor and WetSAG have drafted the answers to the CMER Six Questions Document. It is expected to be submitted for WetSAG review in April once CMER reviewers have accepted edits made to address their comments.

### Wetlands Management Zone

- WetSAG has voted to move forward with scoping for WMZ in FY21. Debbie Kay has taken the lead on developing a task list for the process, 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

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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 June 2021.

## SAGE

Chair: Todd Baldwin

AMP Project Manager: Teresa Miskovic

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### Eastside Timber Habitat Evaluation Project (ETHEP)

- CMER review of the scoping document was initiated at the September 22<sup>nd</sup> meeting and comments were received and incorporated into the response matrix and scoping document. CMER reviewers reviewed the revisions with feedback received from two of the four reviewers.
- After review of the revisions, concerns remain with the document and there is disagreement on how or if these should be resolved. As suggested, this came to CMER for approval at the February meeting and it was not approved. It was requested the reviewers work with the author and project team to address concerns and bring back to the March CMER meeting for approval.

### Eastside Type N Riparian Effectiveness Project (ENREP)

- Harvest at the Springdale basin began at the end of February. The last pre-harvest forest mensuration measurements were taken prior to harvest.
- The Project Team finalized the project management plan and it was approved at the February SAGE and CMER meetings.

### Eastside Modeling Effectiveness Project (EMEP)

- CMER approved the answers to the CMER Six Questions document during their January meeting. The Contractor provided a presentation at TFW Policy on February 4, 2021. The AMPA delivered the Findings Report at the same meeting starting the deliberation clock at Policy for this project.

## RSAG

Chair: Joe Murray

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

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### Riparian Characteristics and Shade Response Study

- The study design and response matrix was revised based on CMER comments and the CMER reviewers reviewed the revisions and approved the study design. The study design came to CMER for approval to send to ISPR at the January CMER meeting and it was not approved. RSAG will work with the two reviewers that did not approve the document to try and resolve their concerns.
- Additional treatments have been 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.

### Type N Soft Rock Final report

- **ISPR Review of Final Report:** All chapters have undergone ISPR review and returned to the authors by December 2020. Authors expect to complete revisions for all Chapters by early April, with the exception of Chapter 5 – *Stream discharge, turbidity, and suspended sediment export*,

which is being considered for removal from the report. 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 spring 2021.

### Westside Type F Riparian Prescription Monitoring Project

- The project team will complete revisions to the Exploratory Report through May, with submission to CMER expected in June 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 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 29<sup>th</sup>, 2021. The Policy workgroup will discuss next steps for Extensive Monitoring based on information shared at the workshop.

### WFWA Smart Buffer Design

- In January 2021, the author, Doug Martin, responded to a third round of revisions on the study design. The author met with reviewers on Feb 11 and March 1, 2021 to discuss additional revisions, outstanding concerns, and a pathway forward. The group agreed that the review process has reached its conclusion. The study design will go to CMER for approval to send the report for ISPR review.
- On February 10, 2021, RSAG passed the following motion: “I (Harry Bell) motion that RSAG recommend to CMER that we do an open ISPR review of the Smart Buffer study design.” However, this is a CMER decision and they have not voted to submit it for an ISPR review yet.

## 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.
- There is an active RFQQ soliciting statistical support for ISAG, with work expected to take place May - June 2021.

### 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 (and lessons learned) into Question 4 of the Six Questions document. Jason Walter drafted the document (incorporating comments from CMER members) and review is underway.

## LWAG

Co-Chairs: AJ Kroll & Aimee McIntyre

AMP Project Manager: Heather Gibbs

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### Hard Rock Phase II

- All chapters of the Phase II Report have been approved by ISPR, including most recently Chapters 7 – Stream Channel Characteristics, 8 – Stable Isotopes and 9 – Stream-associated Amphibians.
- Chapters 5- Stream Discharge, Turbidity, and Suspended Sediment and 6- Nitrogen Export were approved at the February CMER meeting.
- Chapters 1- Introduction, 2- Study Design, 3- Stand Structure, Tree Mortality, Wood Recruitment and Loading, and 4- Stream Temperature and Cover were distributed to CMER in February for review and are up for approval this month (March).
- Chapters 7 – Stream Channel Characteristics, 8 – Stable Isotopes and 9 – Stream-associated Amphibians will be distributed to CMER for review this month (March).

### Amphibian in Discontinuous Type Np Waters

- The Contractor provided an excel matrix of reviewed literature to the Project Team for review and input.
- The Contractor will provide a draft outline of the BAS document to the Project Team for review by the end of March.
- Drafts of a BAS Document and Scoping Document have been initiated.

## 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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- Year 2 data collection will be continued by West Fork Environmental on March 16th. Project team members completed bi-weekly site inspections and maintenance checks during the first two weeks in March.
- A pilot for the Short Time Scale experiment was conducted during the first week of March to test all the equipment and study design.
- Rock crushing began the week of March 8<sup>th</sup> for rock needed for the project over the next two years.

## Unstable Slope Criteria Project Team

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

AMP Project Manager: Teresa Miskovic

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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.
- The project team met February 12<sup>th</sup> 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 March 26<sup>th</sup>.

## CMER Work Plan Improvement Group

AMP Support: Heather Gibbs

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- The final version of the 2021-2023 CMER Work Plan was approved by CMER at their January meeting.
- Major edits were summarized and discussed at the TFW Policy meeting in February.
- The Work Plan Improvement Group will begin work in the spring of 2021.

## Small Forest Landowner PI – Outside science review

AMP Support: Eszter Munes

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- The SFLO outside science review workgroup has completed their deliberations concerning the generation of a six questions document. The group was unable to come into consensus on a single set of six question responses. The group developed two separate sets of responses to the six questions that will be presented to CMER along with a summary memo at their December meeting.
- In February, the workgroup simplified the memo into an update to Policy. The memo received CMER approval and was submitted to Policy for their March meeting.
- 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. After considering various next steps, the group agreed that a subgroup would meet on March 31, 2021 to continue work on the Six Questions Document.

## Anticipated Documents for CMER Consideration/Review Next 12 Months

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
WIP	CMER Approved Final Report	Gibbs	Meghan Halabisky (UW)	WetSAG	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
eDNA Pilot - DR outcome	Final Report	Munes	Brooke Penaluna (USFS)	ISAG	Mar-21
ETHEP	Policy Six questions document	Miskovic	Malia Volke (CMER)	SAGE	Apr-21
Hard Rock Phase III - Amphibian Demographics	Charter	Gibbs	Aimee McIntyre (WDFW)	LWAG	Apr-21
WIP	Policy Six question document	Gibbs	Meghan Halabisky (UW)	WetSAG	Apr-21
ETHEP	Updated Charter	Miskovic	Malia Volke (CMER)	SAGE	May-21
ENREP	Updated Charter	Miskovic	Tim Link (U.I.)	SAGE	May-21
Soft Rock	ISPR Approved Final Report	Munes	Bill Ehinger (DOE)	RSAG	May-21
Westside Type F Pilot	Final Report Six Questions Document	Munes	Jenelle Black (CMER)	RSAG	May-21
FWEP Project Charter	Charter	Munes	Jenelle Black (CMER)	WetSAG	May-21
FWEP	Project Management Plan	Munes	Jenelle Black (CMER)	WetSAG	May-21
Default Physicals Criteria	Charter	Munes	TBD	ISAG	May-21
Default Physicals Criteria	Project Management Plan	Munes	TBD	ISAG	May-21
Discontinuous Np Surface Flows	Scoping	Gibbs	Aimee McIntyre (WDFW)	LWAG	Jun-21
RCS	Project Management Plan	Miskovic	Malia Volke (CMER)	RSAG	Jun-21
Unstable Slopes Criteria Project - Landform Mapping	Final Report	Miskovic	Greg Stewart (CMER)	UPSAG	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	Jun-21
Potential Habitat Breaks	Study Design	Munes	TBD	ISAG	Jul-21
Wetland Management Zone	Charter	Munes	Unknown	WetSAG	Aug-21
Hard Rock Phase II	Policy Six questions document	Gibbs	Aimee McIntyre (WDFW)	LWAG	Aug-21
RCS	Policy Six questions document	Miskovic	Malia Volke (CMER)	RSAG	Aug-21

RCS	Updated Charter	Miskovic	Malia Volke (CMER)	RSAG	Sep-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
Soft Rock Extended Monitoring	Final Report Amendment	Munes	Bill Ehinger (DOE)	RSAG	Dec-21
Default Physicals Criteria	Study Design	Munes	TBD	ISAG	Dec-21