

SUBCOMMITTEE on SEDIMENTATION, ACWI Teleconference Meeting Minutes

April 20, 2016

2:00 to 3:30 PM, EDT

1:00 to 2:30 PM, CDT

12:00 noon to 1:30 PM, MDT

11:00 AM to 12:30 PM, PDT

Subcommittee on Sedimentation (SOS) meeting was chaired by, Tim Randle, who also prepared the minutes. The conference call participants are listed below:

- Jeff Bradley, President, WEST Consultants representing ASCE, Salem, OR
- Amanda Cox, Assistant Professor, Missouri Water Resources Research Institute (MWRRI), Saint Louis University, St. Louis, MO
- Jon Fripp, NRCS-USDA, Fort Worth, TX
- Jo Johnson, NRCS-USDA, Washington, DC
- Mark Landers, Federal Interagency Sedimentation Project Chief and OSW, USGS, Atlanta, GA
- Eddy Langendoen, Watershed Physical Processes Research Unit; Agricultural Research Service; United States Department of Agriculture, Oxford, MS
- Peter Nelson, Assistant Professor, Colorado Water Resources Research Institute (CWRI), Colorado State University, Fort Collins, CO
- Tim Randle, SOS Chair, Manager of the Sedimentation and River Hydraulics Group, Bureau of Reclamation (Reclamation), Lakewood, CO
- Joseph Schubauer-Berigan, Research Ecologist and Chief, Environmental Stressors Management Branch, USEPA, Office of Research and Development, National Risk Management Research Laboratory, Cincinnati, OH
- Molly Wood, National Sediment Specialist, USGS Office of Surface Water, Boise ID

OLD BUSINESS:

Minutes from the December 1-2, 2016 meeting were not quite ready for approval, but Amanda Cox (MWRRI) thought they would be ready for review by the week of April 25.

SEDHYD 2019 Planning Overview

Tim Randle

Although a large number of tasks and people are needed to convene the SEDHYD 2019 conference, the next most important task is to select the venue location and date. This will require developing a request for proposals from interested hotels and convention centers. The following criteria were discussed for evaluating proposals:

- Ease and cost of travel
- Proximity of hotel to conference facility
- Energy consumption traveling to and at meeting
- Notoriety of location (Nevada resorts have had some negative stigma, but this may no longer be a problem)

The goal is to complete a request for proposals (in collaboration with the Subcommittee on Hydrology) for distribution to visitor convention bureaus by fall 2016 (no later than January 2017). A signed contract should be completed by July 2017.

The following people were on the Finance Committee for the 2015 Federal Interagency Sedimentation Conference: G. Doug Glysson (USGS, retired), Tim Randle (Reclamation), and Paula Makar (Reclamation). Glysson and Makar have retired and no longer wish to be on the committee. Joseph Schubauer-Berigan (EPA) made a motion that the following people be on the Finance Committee for the 2019 Federal Interagency Sedimentation Conference:

- Tim Randle (Reclamation)
- Mark Landers (USGS)
- Molly Wood (USGS)

The motion was seconded by Eddy Langendoen (ARS) and passed unanimously.

Updates on Reservoir Sedimentation and Sustainability

Tim Randle

Reclamation's Research Office just released their quarterly newsletter, *The Knowledge Stream*. This issue is entirely devoted to the topic of reservoir sedimentation and sustainability:

<http://www.usbr.gov/research/docs/ks/ks-2016-02.pdf>

Sean Kimbrel (Reclamation) provided a brief update on progress by the U.S. Army Corps of Engineers to develop the Reservoir Sedimentation Information (RSI) database. The Corps' contractor is working to provide more accessibility and adding more of Reclamation's reservoir summary information into the database.

Mark Landers (USGS) has added a new welcome message on the RESSED database:

<http://water.usgs.gov/osw/ressed/>

Updates on the Federal Interagency Sedimentation Project (FISP)

Molly Wood

The next face-to-face, FISP meeting will be in Boise, ID, April 26-27, 2016 at the Idaho Science Water Center. The newest research projects approved for funding by FISP are listed below:

- Hydraulic efficiency of bedload samplers (Rob Hilldale, Reclamation and Kristin Bunte, CSU)
- Complete the data analysis and publication of bedload data collected at the Saint Anthony Falls Laboratory, University of Minnesota (John Gray)
- Use of hydrophones to measure bedload (JR Rigby, ARS)

National Stream Morphology Data Exchange (NSMDE) Proposals

Eddy Langendoen

The workgroup is still seeking funding for the NSMDE Proposal.

- In January 2016, Marion Muste (CUAHSI) submitted a proposal to the University of Iowa seeking partial funding for NSMDE. Matt Collins (NOAA Fisheries) provided a support letter.
- Amanda Cox (MWRRI) and Marian Muste submitted a proposal to NASA, but this was not accepted. Amanda thought the proposal was a great fit for NASA, but there is a need to find someone from the NASA community to support the proposal.
- Faith, Marian Muste, and Amanda Cox submitted a proposal to the USGS Powell Center for Analysis and Synthesis
- A proposal was submitted to the Surface Water and Ocean Topography (SWOT). However, universities and institutes receive most of the funding from SWOT.

Prospectus Update

Meg Jonas

Meg Jonas was not able to participate on the call, so this topic was tabled until the meeting on May 6, 2016 in Lakewood, Colorado.

NEW BUSINESS**Thank you to Amanda Cox**

Tim Randle and the Subcommittee thanked Amanda Cox (MWRRI) for all her great work as the Subcommittee Chair during the past two years and for her continuing to chair the December 1-2, 2016 even though her term ended September 20, 2015.

Next SOS meeting

Tim Randle

The next meeting will be Friday, May 6, 2016 in Lakewood, CO. In addition to agenda topics related to SOS work groups, technical presentations will be given the following topics:

- 3D Sediment modeling research
- Paonia Reservoir sediment management
- Elwha River Restoration updates

On Thursday, May 5th, an all-day field trip will provided to the South Platte River through the Denver metropolitan area. Participants will visit several channel restoration sites that are designed to convey floods, provide habitat, and enable recreation use.

Adjourn

The meeting adjourned at 1 PM, MDT.