



Shoemaker Island Flow-Sediment-Mechanical “Proof of Concept” Experiment RFP Questions and Answers

1. Q: What model was used for the Elm Creek FSM and what was the version of that model? Also, was the Program satisfied with the model results?

A: The Bureau of Reclamation SRH-2D Version 3 model was used for the Elm Creek project. The Program has applied the SRH-2D model on two projects and has been generally happy with the results. However, it is not a preferred modeling platform.

2. Q: Would SRH-2D Version 3 be made available to consultants through the PRRIP Program?

A: No. The Program has not obtained permission to use this model for other projects.

3. Q: Are there any (even interim) reports available on the similar study for Elm Creek?

A: Yes. The Program will make two documents available to consultants. One is a draft Implementation Design document for the Elm Creek project. The other is a summary of Year 1 monitoring results compiled by the consultant for the Program’s Independent Science Advisory Committee. Please email the RFP point of contact (farnsworthj@headwaterscorp.com) to request copies. Both documents are in draft form and are to be used solely for the purpose of proposal preparation. They are not to be distributed or used in any other way.

4. Q: What modeling platforms are “Program approved” for use in the Shoemaker Island project?

A: The Program does not have a list of modeling platforms that are pre-approved. The requirements for approval are typically that, 1) the model is appropriate for the project application, and 2) the model is available in the public domain or at a limited cost. The purpose of this requirement is to remove barriers to model use by Program participants if they so choose. If the Program has questions about a proposed modeling platform, the RFP point of contact will work with the respondent to address any issues prior to proposal evaluation and ranking.

5. Q: What was the Program’s experience/success with application of the SRH-2D mobile bed sediment transport module for the Elm Creek project?

A: The Program is just now beginning to evaluate the sediment modeling results. It is not yet clear if the value or utility of the mobile bed sediment transport model are commensurate with the time and effort expended toward model development. RFP respondents are asked to provide their thoughts on the potential cost and utility of 2-D mobile bed sediment transport modeling in relation to the objectives of the Shoemaker Island project.