

Peer Review Summary Document

(10/23/2020)

Peer Review Plan

<https://www.usgs.gov/atom/107110> [67 KB PDF].

Title and Authorship of Information Product Disseminated

Sediment mobility and river corridor assessment for a 140-km segment of the mainstem Klamath River below Iron Gate Dam, CA, By J.A. Curtis, T.B. Poitras, S. Bond, and K.B. Byrd.

Peer Reviewers Expertise and Credentials

Reviewer #1 is a research ecologist and holds an M.S. in Biology. Expertise includes the ecological effects of human activities and natural disturbance regimes on a wide variety of aquatic and terrestrial organisms and ecosystems.

Reviewer #2 is a research hydrologist and holds a Ph.D. in Civil and Environmental Engineering. Expertise includes quantitative analysis of hydrologic processes in rivers including streamflow and sediment transport.

Reviewer #3 is a supervisory hydrologist and surface water specialist and holds a Ph.D. in Coastal and Oceanographic Engineering. Expertise includes flows of water and sediment.

Charge Submitted to Peer Reviewers

The reviewers were asked to objectively evaluate the study methods, results, and conclusions described in the manuscript.

Summary of Peer Reviewers Comments

All the reviewers suggested minor revisions and found the work to be technically sound and had no concerns regarding the methods employed or the findings. All three reviewers provided constructive editorial comments, suggestions, and corrections (i.e., word usage and syntax, clarity, and punctuation, and organization). Reviewer#2 made three specific suggestions for revising the manuscript text related to the mean bed elevation analysis, communicating the sediment mobility findings, and restructuring the conclusions. Reviewer #3 requested clarification on how the relative elevation model was classified.

Summary of USGS Response to Peer Reviewers Comments

The author revised the manuscript to address all the technical and editorial comments from the reviewers. The mean bed elevation analysis, explanation of the sediment mobility findings and the conclusions were revised as suggested by Reviewer#2. The explanation of how the relative elevation model was classified was rewritten to address comments from Reviewer #3.

The Dissemination

The published information product will be released as a USGS Open File Report and will be available at <https://pubs.usgs.gov/>.