Diagnosing and Fixing Common Stability Problems Workshop

Introduction

This workshop will help students learn how to use find, diagnose, and fix common model stability problems when using HEC-RAS to perform a Dam Break analysis. Students will learn how to locate stability problems with the HEC-RAS graphical output, as well as the log file output.

NOTE: While this data is from an actual river system, the model and results of this workshop do not represent current or future conditions of the river. The United States Army Corps of Engineers has granted access to the information in this model for instructional purposes only. Do not copy, forward, or release the information without United States Army Corps of Engineers approval.

Problem Description

Loaded in your workshop directory is an HEC-RAS project with a file name of "**BaldEagleStabilityWorkshop.prj**".

This data set is the same as what was used in your last workshop. However, the data set contains **six significant problems**. Your job is to run the model, find the six problems, and fix them in order to get a stable and hydraulically reasonable model. Good Luck!!!