



Figure 14

Model components of a Decision Support System for the Program. See Appendix H, Section 3.1 for further discussion.

TRRP Decision Support System

Component	Model(s)	Status
Hydrodynamics	SRH-1D	In use
	SRH-2D	In use
	HEC-RAS	In use
Riparian Dynamics	SRH-1DV	Being developed
	SRH-2DV	Being developed
Geomorphologic	SRH-1D	In use
	SRH-2D	In use
	iSurf (bed size)	In use
	SAM	In use
Temperature	RBM10	Being calibrated for use in WY16
Fish Habitat	SRH-2D or other habitat typing technique	Recommendation to be made by modelers within the month
Fish Population Dynamics	SSS	Being developed to the North Fork for use in WY16

SRH Sedimentation and River Hydraulics
HEC-RAS Hydrologic Engineering Centers River Analysis System
V Vegetation
iSurf Inverse Surface Model

SAM Stable Channel Analytical Model
RBM River Basin Model
WY16 Water Year 2016
SSS Stream Salmonid Simulator