



**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   |
| Riparian Dynamics        | SRH*-1DV~                                | Being developed  |
|                          | SRH*-2DV~                                |  |
| Geomorphologic           | SRH*-1D                                  | In use   |
|                          | SRH*-2D                                  | In use   |
| Temperature              | RBM+10                                   | 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%     |

## **Notes**

\*SRH = Sedimentation and River Hydraulics

~V = Vegetation

+RBM = River Basin Model

%WY16 = water year 2016

#SSS = Stream Salmonid Simulator