

Stream Salmonid Simulator (S3) Trinity and Klamath Model Roll-Out

Co-hosted by
US Fish and Wildlife Service, Arcata Fish and Wildlife Office
USGS Western Fisheries Research Center, and
Texas State University

October 5-6, 2016
Humboldt Bay Aquatic Center
921 Waterfront Dr. Eureka, CA 95501
Room 203

AGENDA -Day 1 (Oct 5): Trinity River S3 Model

Introduction (Nicholas Hetrick).....	9:00
S3 Overview (Russell Perry).....	9:10
Developing Habitat Units for S3 (Aaron Martin).....	9:50
Estimating Habitat Area and Capacity (Nick Som).....	10:10
Simulating River Flow and Water Temperature (Ted Jones).....	10:40
Spawner and Juvenile Inputs (John Plumb).....	11:10
Model Structure: Spawning to Fry Emergence (Russell Perry).....	11:40
Lunch	12:00
Model Structure: Juvenile Growth, Movement, and Survival (Russell Perry).....	1:15
Model Calibration (Russell Perry).....	2:15
Model Output Examples and Metrics (John Plumb/Ted Jones)	2:45
Future Developments: Trinity Downriver S3 Model (Thom Hardy and Nick Som).....	3:15
Group Discussion	3:45

AGENDA -Day 2 (Oct 6): Klamath River S3 Model

Introduction (Nicholas Hetrick).....	9:00
Differences between Klamath S3 and Trinity S3 (Russell Perry)	9:10
Model Revisions since Initial Calibration (Russell Perry).....	9:40
New Calibration Results (Russell Perry).....	10:10
Model Output Examples and Metrics (John Plumb/Ted Jones)	10:40
Update on Klamath Coho Model (Chris Manhard).....	11:10
Group Discussion	11:40