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| Trinity River Restoration Program (TRRP) First Annual Science Symposium | | |
| February 6th to 9th, 2007 | | |
| Location: Victorian Inn, 1701 South Main Street (HWY 299), Weaverville, CA | | |
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| | Revised FINAL Symposium Agenda | Revision Date: 2-1-07 |
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| Purpose of the TRRP science symposium: | | |
| * Present latest findings on the state of the system and response to management actions | | |
| * Information sharing with program partners, stakeholders, and public | | |
| * Inform development of the Integrated Assessment Plan (IAP) | | |
| * Inform FY08 budget development | | |
| * Inform WY2007 flow scheduling process | | |
| * Highlight science accomplishments | | |
| * Facilitate cross discipline understanding and dialog | | |
| | | |
| A symposium summary containing abstracts, presentations, papers, and discussion summaries will be made available on our website at www.trrp.net | | |
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| For more information, contact Andreas Krause (530-623-1807; akrause@mp.usbr.gov) | | |
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| Tuesday, February 6, 2007 - Optional Field Trip | | |
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| 9:00 AM | Meet at Trinity River Restoration Program office, 1313 Main St. (HWY 299 - behind the Burger King), Weaverville, CA. Arrange carpools. | |
| 9:15 AM | Depart on field trip | |
| | Lewiston Hatchery Coarse Sediment Augmentation Project (August 2006) | |
| | Lewiston Sites | |
| | Hamilton Ponds | |
| | Poker Bar Bridge (Completed June 2005) | |
| | Indian Creek/Little Yellow House | |
| Noonish | Lunch on your own in Weaverville | |
| | North Fork Confluence | |
| | Hocker Flat Rehabilitation Site (Completed October 2005) | |
| | Canyon Creek Suite of Rehabilitation Sites (Completed December 2006) | |
| 4:30 PM | Return to Weaverville | |
| <i>* Dress appropriately for winter weather (rain, snow, wind) and wear sturdy walking shoes/boots.</i> | | |
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| February 7-9 agenda for symposium shown on subsequent pages | | |
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| Trinity River Restoration Program First Annual Science Symposium | | | |
|---|--|-----------------------|--|
| Wednesday February 7, 2007 (Day 1 of 3) | | | |
| Time | Presentation | Lead Presenter | Minutes (includes 5 min. Q&A) |
| Opening Session | | | |
| 8:00 AM | Opening Remarks | Doug Schleusner | 10 |
| 8:10 AM | State of the science and Integrated Assessment Plan | Rod Wittler | 15 |
| Fish Response to Implementing ROD Flows (Chair: Nina Hemphill) | | | |
| 8:25 AM | Anadromous Salmonid Escapement/Total run-size responses | Hemphill / Sinnen | 30 |
| 8:55 AM | Juvenile Salmonid Abundance and Emigration Timing Relative to Trinity River Discharge | Petros / Pinnix | 30 |
| 9:25 AM | Adult Chinook Salmon Migration Behavior: Implications of Flow Management in the Trinity River | Josh Strange | 20 |
| 9:45 AM | Mercury Transport During High Flows in the Lower Trinity River | Jim Rytuba | 15 |
| 10:00 AM | <i>Open Session Discussion Forum</i> | <i>Session Chair</i> | 45 |
| 10:45 AM Break | | | |
| Fine Sediment Measurement and Modeling (Chair: Dave Gaeuman) | | | |
| 10:55 AM | Watershed Restoration Overview and Effectiveness | Josh Allen | 15 |
| 11:10 AM | Evaluation of Fine Sediment Production in the Rush Creek Watershed | Mary Ann Madej | 15 |
| 11:25 AM | Method for Estimating Fine Sediment Storage on the Mainstem Streambed | Dave Gaeuman | 15 |
| 11:40 AM | <i>Open Session Discussion Forum</i> | <i>Session Chair</i> | 30 |
| 12:10 PM Lunch (on your own) | | | |
| Fish and Avian Habitat (Chair: John Klochak) | | | |
| 2:00 PM | Trinity River Salmonid Life Histories: What we know, and what we need to know | Aaron Martin | 20 |
| 2:20 PM | 2-D habitat modeling: predicted versus observed habitat and comparison with fish utilization | Thom Hardy | 20 |
| 2:40 PM | Predicting changes in bird abundance caused by removal and succession of riparian habitat | Sherri Miller | 20 |
| 3:00 PM Break | | | |
| 3:15 PM | Temporal and spatial distribution of salmon spawning from Lewiston Dam to Cedar Flat River Access: 2002-2006 | Charlie Chamberlain | 20 |
| 3:35 PM | Where are Summer Coho? | Pat Garrison | 20 |
| 3:55 PM | Restoration actions and juvenile coho rearing habitat: research design and one year of data | Bowen / Hannon | 20 |
| 4:15 PM | Evaluating the effectiveness of rehabilitation actions in creating fish habitat in the Trinity River | Darcy Pickard | 20 |
| 4:35 PM | <i>Open Session Discussion Forum</i> | <i>Session Chair</i> | 45 |
| 5:20 PM Adjourn | | | |

| Trinity River Restoration Program First Annual Science Symposium | | | |
|--|---|-----------------------|--|
| Thursday, February 8, 2007 (Day 2 of 3) | | | |
| Time | Presentation | Lead Presenter | Minutes (includes 5 min. Q&A) |
| Impacts to Natural Production (Chair: Nina Hemphill) | | | |
| 8:00 AM | Abundance, habitat selection and potential for fish predation from Common Mergansers on the Trinity River | CJ Ralph | 15 |
| 8:15 AM | Predation by hatchery-reared steelhead on natural salmonid fry in the upper-Trinity River, California, 2005 | Seth Naman | 20 |
| 8:35 AM | Fish Health Data Trends for Trinity River Chinook | Scott Foott | 30 |
| 9:05 AM | <i>Open Session Discussion Forum</i> | <i>Session Chair</i> | 30 |
| 9:35 AM Break | | | |
| Coarse Sediment Measurement and Modeling (Chair: Andreas Krause) | | | |
| 9:50 AM | WY 2006 Sediment Transport Monitoring Meeting Flow Objectives Changing Sediment Transport Dynamics | Graham Matthews | 20 |
| 10:10 AM | WY 2006 Preliminary Results from the Acoustic Bedload Surrogate Measurements | Wes Smith | 15 |
| 10:25 AM | HEC-RAS sediment model for the Trinity River CANCELLED | Stanford Gibson | 15 |
| 10:40 AM | Geomorphic Basis for Gravel Augmentation Design | Dave Gaeuman | 15 |
| 10:55 AM | <i>Open Session Discussion Forum</i> | <i>Session Chair</i> | 30 |
| Information Management (Chair: Andreas Krause) | | | |
| 11:25 AM | Overview of the Integrated Information Management System | Andreas Krause | 20 |
| 11:45 AM Short Lunch (in-house sandwich bar, \$5 per person) | | | |
| Water Temperature Compliance and Modeling (Chair: Andreas Krause) | | | |
| 12:15 PM | Meeting Water Temperature Objectives in the Trinity River – A Post-ROD Review | Paul Zedonis | 20 |
| 12:35 PM | Trinity River Flow and Temperature Modeling | Ibrahim Sogutlugil | 20 |
| 12:55 PM | Thermodynamics of Trinity and Lewiston reservoirs | Mike Deas | 20 |
| 1:15 PM | Trinity Reservoir Cold Water Pool: Historical Analysis and Future Outlook | Tom Stokely | 20 |
| 1:35 PM | <i>Open Session Discussion Forum</i> | <i>Session Chair</i> | 30 |
| 2:05 PM Break | | | |
| Biologic Response to Water Temperature (Chair: Nina Hemphill) | | | |
| 2:20 PM | Condition Factor Indices of Outmigrating Juvenile Trinity River Anadromous Fish at Willow Creek, CA | Tim Hayden | 20 |
| 2:40 PM | Breeding Phenology of the Foothill Yellow-legged Frogs 2004-06. | Jamie Bettaso | 15 |
| 2:55 PM | Comparative Life History Characteristics of Western Pond Turtle Populations on the Trinity River Mainstem and the South Fork Trinity. | Don Ashton | 15 |
| 3:10 PM | Basking Patterns and Thermal Regulatory Behaviors of Western Pond Turtles: Comparing responses to thermal regimes in dammed and undammed tributaries of the Trinity River | Jamie Bettaso | 15 |
| 3:25 PM | Temperature Effects on Reproductive Performance of Trinity River Spring-Run Chinook Salmon | Keith Marine | 20 |
| 3:45 PM | <i>Open Session Discussion Forum</i> | <i>Session Chair</i> | 30 |

| Trinity River Restoration Program First Annual Science Symposium | | | |
|---|---|-----------------------|--|
| Continuation of Thursday, February 8, 2007 (Day 2 of 3) | | | |
| Time | Presentation | Lead Presenter | Minutes (includes 5 min. Q&A) |
| Hatchery Impacts (Chair: Nina Hemphill) | | | |
| 4:15 PM | Influences of hatchery mating, rearing and release practices on life history traits of Chinook salmon at Trinity River Hatchery | Dave Hankin | 20 |
| 4:35 PM | Hybridization between spring-run and fall-run Chinook salmon returning to Trinity River, California | Andrew Kinziger | 20 |
| 4:55 PM | Integrating Hatchery and Natural Production in Restoration Planning - Current State of the Science | Eric Loudenslager | 20 |
| 5:15 PM | <i>Open Session Discussion Forum</i> | <i>Session Chair</i> | 30 |
| 5:45 PM | Adjourn | | |
| Friday, February 9, 2007 (Day 3 of 3) | | | |
| Time | Presentation | Lead Presenter | Minutes (includes 5 min. Q&A) |
| The AEAM Process at Hocker Flat (Chair: Rod Wittler) | | | |
| 8:00 AM | Results of WY2006 Geomorphic Monitoring at Hocker Flat | Geoff Hales | 15 |
| 8:15 AM | WY2006 Riparian Monitoring and Experimentation Results at Hocker Flat | John Bair | 15 |
| 8:30 AM | Bioaccumulation of Mercury in the Hocker Flat Restoration Area | Roger Hothem | 15 |
| 8:45 AM | <i>Open Session Discussion Forum</i> | <i>Session Chair</i> | 30 |
| Integrating Habitat and Geomorphic Process (Chair: Andreas Krause) | | | |
| 9:15 AM | Preliminary results of 2006 geomorphic mapping | Dave Gaeuman | 15 |
| 9:30 AM | Assessing the Risk of Redd Scour on the Trinity River | Christine May | 15 |
| 9:45 AM | Initial Fish response to July 2006 Hatchery Gravel Augmentation Project | Greg Pasternack | 15 |
| 10:00 AM | Integrating salvage LWD in rehabilitation site construction | John Klochak | 15 |
| 10:15 AM | <i>Open Session Discussion Forum</i> | <i>Session Chair</i> | 30 |
| 10:45 AM | Break | | 15 |
| Closing Session (Chair: Rod Wittler) | | | |
| 11:00 AM | Issues and Integration | Rod Wittler | 45 |
| 11:45 AM | Open Forum: Review of Symposium and Suggested Improvements | Andreas Krause | 30 |
| 12:15 PM | Outcomes and action items | Rod Wittler | 20 |
| 12:35 PM | Symposium Closing | Doug Schleusner | 10 |
| 12:45 PM | Adjourn | | |