

FLOW 2008 Pre-Conference Workshop #1. What About Those High Flows?
Environmental flow requirements for high flows on streams and rivers

Agenda

- 8:00 **Welcome**; logistics, announcements
Alan Wald, moderator
- 8:30 **Modeling Sediment Transport and Bedform in Streams**
Terry Waddle, USGS Fort Collins Science Center
- 9:15 **The Role of High Flows in Maintaining Channels and Riparian Vegetation**
David Merritt, and John Potyondy. Stream System Technology Center. USDA
Forest Service
- 10:00 break
- 10:30 **The Ecological Significance of Wood and Invertebrate Productivity in Rivers of North America**
Arthur Benke, Department of Biological Sciences. University of Alabama
- 11:15 **Developing Naturalized Flow Regimes, Linking Riparian and Aquatic Requirements for Peak Flows and Ramping Rates**
Paul Higgins, Senior Research Biologist, BC Hydro, British Columbia
- 12:00 lunch
- 1:00 **Freshwater Inflow Requirements for Tidal Mixing in Bay and Estuarine Systems**
James Tolan, Coastal Fisheries Ecologist, Texas Parks and Wildlife Department
- 1:45 **Project Planning for High Flows and Environmental Flow Needs in the South Saskatchewan River Basin**
Allan Locke, Provincial Instream Flow Needs Specialist. Alberta
Sustainable Resources Development
- 2:30 break
- 3:00 **Guidance regarding channel maintenance/elevated instream flow retention recommendations when allocating peak flows for out of stream and storage water rights**
Rick Kepler, Water Resources Program Manager, Oregon Department of Fish and
Wildlife
- 3:45 **Environmental Flow Requirements for High Flow Functions and Instream Flows**
Panel Discussion.
- 4:30 adjourn