



National Hydrologic Warning Council



Pacific Northwest Advanced Flood Warning System Workshop

FINAL AGENDA

Great Wolf Lodge, Grand Mound, WA

Tuesday, October 21, 2014

| Begin | End | Topic | Speaker | Organization |
|--|-------|---|------------------------------|---|
| 08:00 | 09:00 | Registration & Coffee | | |
| 09:00 | 09:15 | Welcome | David C. Curtis, PhD | National Hydrologic Warning Council |
| Western Weather Issues | | | | |
| 09:15 | 09:45 | Epic Colorado 2013 Floods - Lessons Learned | Kevin Stewart | Denver Urban Drainage and Flood Control District |
| 09:45 | 10:15 | Western Weather and Water Extremes | Allen White, Ph.D. | NOAA Earth System Research Laboratory |
| 10:15 | 10:45 | Networking Break | | |
| 10:45 | 11:15 | New Atmospheric River Observation Systems for Pacific Northwest | Allen White, Ph.D. | NOAA Earth System Research Laboratory |
| 11:15 | 11:45 | Using Twitter to Track Rain/Flood Events | Jim Moffitt | Twitter |
| 11:45 | 12:00 | Vendor/Sponsor Introductions | | |
| 12:00 | 13:00 | Lunch -- The SR 530 Landslide: River Response and Flood Hazards | Chris Magirl Casey Kramer | USGS Washington Water Science Center Washington State Department of Transportation |
| Flood Warning System Overview | | | | |
| 13:00 | 13:30 | Flood Warning System Overview | David C. Curtis, Ph.D. | National Hydrologic Warning Council |
| 13:30 | 14:00 | Relationship Between Local FWS and NWS | Brent Bower | NWS Seattle |
| 14:00 | 14:30 | Advances in River Forecasting in the Pacific Northwest | Joe Intermill | Northwest River Forecast Center, Portland, OR |
| 14:30 | 15:00 | Networking Break | | Visit the vendors |
| Local Flood Warning System Experience | | | | |
| 15:00 | 15:30 | Chehalis River Basin Flood Warning System | David C. Curtis, PhD | WEST Consultants |
| 15:30 | 16:00 | King County Flood Warning System | Ken Zweig | King County, WA |
| 16:00 | 16:30 | Elements of an early warning system for the Suttle River Basin, India | Desiree Tullos | Oregon State University |
| 16:30 | 17:00 | Challenges Starting a New Flood Warning System | Justin Boyington | City of Salem, OR |



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Wednesday, October 22, 2014

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|--|-------|---|----------------------|--|
| New Flood Warning System Technologies | | | | |
| 08:00 | 08:30 | Mapping a Flood Before it Happens- -USGS FloodPath | Joseph Jones | USGS Washington Water Science Center |
| 08:30 | 09:00 | Social Media Experience - Oso Slide | Eric Frank | Clark County, WA |
| 09:00 | 09:30 | Nashville, TN Flood Warning & Preparedness System | Brad Heilwagen | AMEC |
| 09:30 | 10:00 | Tribal Experience with Flood Warning Systems and Dam Safety | Lex Kamstra | US Bureau of Reclamation |
| 10:00 | 10:30 | Networking Break | | Visit the vendors |
| Flood Warning System Sustainability | | | | |
| 10:30 | 11:00 | Community Rating System | David Carlton | DK Carlton |
| 11:00 | 11:30 | Local Flood Warning System Sustainability | Panel | |
| | | | Kevin Stewart | Denver Urban Drainage & Flood Control District |
| | | | Joshua McSwain | Mecklenburg, County, NC |
| 11:30 | 12:00 | Approaches to Statewide and Regional Flood Warning Systems | James Logan | OneRain, Inc. |
| 12:00 | 13:00 | Lunch | Ted Buehner | NWS, Seattle |
| Track 1 | | | | |
| Emergency Flood Response | | | | |
| 13:00 | 15:00 | Table Top Exercise | Jesi Chapin | Thurston County, WA |
| Track 2 | | | | |
| Community Engagement | | | | |
| 13:00 | 13:30 | Education and Outreach | Panel | |
| | | | Vivian Eason | Thurston County Emergency Management |
| | | | Eric Frank | Clark County, WA |
| 13:30 | 14:00 | Local Experience with Social Media | Vivian Eason | Thurston County Emergency Management |
| 14:00 | 14:30 | Flood Inundation Mapping | Glen Hess | USGS Oregon Water Science Center |
| 14:30 | 15:00 | Crowd Sourcing Hydrology | Jeff Budnick | WEST Consultants |
| 15:00 | 15:15 | Wrap-up | David C. Curtis, PhD | National Hydrologic Warning Council |