

# ALERT Users Group

## 27<sup>th</sup> Flood Warning Systems Training Conference and Exposition

### Conference Agenda April 16-20, 2018

#### Monday, April 16<sup>th</sup>, 2018

12:00 pm – 8:00 pm	Exhibitor Area Setup	
3:00 pm – 5:00 pm		Registration

#### Tuesday, April 17<sup>th</sup>, 2018

7:30 am – 5:00 pm	Registration			
8:30 am – 10:00 am	Exhibitor Area Setup	<b>Technical Workshop</b> (Salon IV) <b>“ALERT2 Hardware Innovations”</b> Carrie Lery, Tom Odgen, High Sierra Electronics	<b>Technical Workshop</b> (Salon V) <b>“How to AUGment your Rainfall Monitoring for Reliable Hydrologic Forecasting”</b> Baxter E. Vieux, Vieux & Associates	<b>Technical Workshop</b> (Puerto Escondido) <b>“Maximize Flow Measurement Accuracy with Site Selection and Acoustic Doppler Techniques”</b> Daniel Wagenaar, SonTek
10:00 am – 10:30 am		Break (Salon I/II)		
10:30 am – 12:00 pm		<b>Technical Workshop</b> (Salon IV) <b>“Getting the most from your ALERT2 Upgrade”</b> David Leader, HydroLynx Systems	<b>Technical Workshop</b> (Salon V) <b>“Optimizing Contrail® Software for Real-time Applications”</b> Charles Yost, Scott Bores, OneRain	<b>Technical Workshop</b> (Puerto Escondido) <b>“Introduction to the Soon to Be Released ALERT2005 ALERT/ALERT2 Transmitter”</b> Ken Conner, Campbell Scientific
12:00 pm – 1:00 pm	Lunch (Mezzanine)			
1:00 pm – 5:00 pm	<b>Field Trip</b> – Bus boarding will begin at the Ventura Beach Marriott at <b>12:45</b> . The bus will depart at <b>1:00 pm</b> . The field trip will be a bus tour covering areas in Ventura County. A stop will be made allowing time to be spent at the Matilija Dam which is slated for removal and will be a topic covered by the keynote speaker on Wednesday. The tour will give you the opportunity to see much of the devastation around Ventura caused by the Thomas Fire and some of the efforts that are being made to protect and rebuild the community.			
8:00 pm – 10:00 pm	Hospitality Suite Open (Mezzanine)			

Room Assignment

Track 1 – (Salon III)	Track 2 – (Puerto Escondido)
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Wednesday, April 18<sup>th</sup>, 2018

7:30 am – 5:00 pm	Registration		
8:30 am – 10:00 am	Exhibitor Area Open	<b>Kickoff Conference</b>	<b>Opening Remarks:</b> Ron Marotto, AUG President <b>Welcome Address:</b> Steve Bennett, Ventura County Board of Supervisors <b>Keynote Address: “Matilija Dam: Breaking the Barrier”</b> Peter Sheydayi, Ventura County WPD <b>NHWC Update:</b> Steve Fitzgerald, NHWC President
10:00 am – 10:30 am		Break (Salon I/II)	
10:30 am – 11:00 am		<b>1. Recent Events</b>	<b>“Thomas Fire”</b> Chad Cook, Chief, Ventura County Fire Department, Norm Plott, Asst. Chief, Santa Paula Fire Department
11:00 am – 11:30 am			<b>“An Overview of the January 9, 2018 Flash Flood and Debris Flow Event in Montecito, CA”</b> Jayme Laber, NWS Los Angeles/Oxnard
11:30 am – 12:00 pm	<b>“Hurricane Harvey’s Impact on the Harris County Flood Control District’s Flood Warning System: A Test of the ALERT2 Technology”</b> Mark Moore, Harris County FCD		
12:00 pm – 1:30 pm	Lunch (Mezzanine)		
1:30 pm – 2:00 pm	Exhibitor Area Open	<b>2. The Big Picture</b>	<b>“Perspectives on California’s Wet and Wild 2016-17”</b> David Curtis, WEST Consultants
2:00 pm – 2:30 pm			<b>“Monitoring and Detection of Dam Safety Incidents at the BIA”</b> Lee Mauney, U.S. DOI, Bureau of Indian Affairs
2:30 pm – 3:00 pm			<b>“Climate Change”</b> Mike Anderson, State of California DWR
3:00 pm – 3:30 pm		Break (Salon I/II)	
3:30 pm – 4:00 pm	Exhibitor Area Open	<b>3. Fires &amp; Flood Planning</b>	<b>“The Goodwin Fire and Its Aftermath”</b> Dave Desjadon, Yavapai County FCD
4:00 pm – 4:30 pm			<b>“Post-Fire Streamflow and Camera Monitoring System Installation at Ash Creek, Arizona”</b> Peter Acton, JE Fuller
4:30 pm – 5:00 pm			<b>“Rapid Deployment of a Post-Wildfire Flood Warning Network for Sonoma County”</b> Charles Yost, Scott Bores, OneRain
		<b>4. ALERT2</b>	<b>“Troubleshooting Your ALERT2 Transmitter”</b> Aidan Herbert, HydroLynx Systems
			<b>“How Using ALERT2 Will Improve High Water Detection Systems”</b> Tom Ogden, High Sierra Electronics
			<b>“Lessons Learned in ALERT2 Low Water Crossing Warning System Implementation”</b> Erik Carlson, Water & Earth, David Leader, HydroLynx
6:00 pm – 8:00 pm	<b>Exhibitor Night Extravaganza</b> (Salon I/II) <i>Hors d’oeuvres, Prize Drawings and No-Host Bar</i>		
8:00 pm – 10:00 pm	Hospitality Suite Open (Mezzanine)		

Room Assignment

Track 1 – (Salon III)	Track 2 – (Puerto Escondido)
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## 27<sup>th</sup> Flood Warning Systems Training Conference and Exposition

Thursday, April 19<sup>th</sup>, 2018

7:30 am – 12:00 pm	Registration		
8:00 am – 8:30 am	Exhibitor Area Open	ALERT2 Workshop	<b>“DWR Flood Emergency Response Grants”</b> Jeremy Hill, State of California DWR
8:30 am – 9:00 am			<b>“Preventative Maintenance in an ALERT2 World; Best Practices, Procedures, and Expectations for Technicians and Managers”</b> Mark Moore, Harris County FCD
9:00 am – 10:00 am			<b>“Ask the Experts”</b> Come prepared with questions on the state of ALERT2, upcoming developments/plans, lessons learned, etc. <b>Discussion Panel:</b> Ron Marotto : VCWPD, Brian Iserman : JE Fuller, David Leader : HydroLynx, Carrie Lery : High Sierra James Logan : OneRain, Mark Moore : HCFCF, Markus Ritsch : TriLynx, Adam Torgerson : Blue Water Design, David Van Wie : Blue Water Design, Chris Roark : Ocean & Mountains Ventures
10:00 am – 10:30 am	Break (Salon I/II)		
10:30 am – 11:30 am	Outreach5. Public	<b>“How Can Some Extreme Events Go Unnoticed When Others Make Headlines?”</b> Bruce Rindahl, Ventura County Watershed Protection District, Kevin Stewart, Urban Drainage Flood Control District	
11:30 am – 12:00 pm		<b>“How the 2017 California Wildfires Unfolded on Twitter”</b> Jim Moffitt, Twitter	
12:00 pm – 1:30 pm	Lunch (Mezzanine)		
1:30 pm – 2:00 pm	Exhibitor Area Open	6. New Technology	<b>“Using Technology and Resources to Enhance Warning Systems Related to Disasters and the Potential for Disasters”</b> Ron Marotto, Ventura County WPD
2:00 pm – 2:30 pm			<b>“Monitoring and Responding to Flooding Applications Using Acoustic Instruments”</b> Xue Fan, SonTek
2:30 pm – 3:00 pm			<b>“E-Tracker Cellular Rain Gauge Telemetry Network and Cloud Database”</b> Robert Laag, Riverside County FCWCD
		7. Forecasting / Weather	<b>“National Weather Service Focus Toward Impact-based Decision Support Services; Applications to ALERT Users in California”</b> Eric Boldt, NWS Los Angeles/Oxnard
			<b>“QPF and Flood Hazard Forecasting for Post-Thomas Fire Winter Storms 2018, Ventura, CA”</b> Alan Fox, Fox Weather, Hassan Kasraie, Kasraie Consulting
			<b>“Atmospheric Conditions Associated with Post-Fire Debris Flows in the Transverse Ranges of Southern California”</b> Nina Oakley, Western Regional Climate Center, DRI
3:00 pm – 3:30 pm	Break (Salon I/II)		

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Track 1 – (Salon III)

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3:30 pm – 4:00 pm	<b>8. System Design</b>	<b>“Santa Barbara County - 4 Years into ALERT2, and Emergency Gauging Response”</b> Shawn Johnson, Santa Barbara County FCD	<b>9. Using Data During Storms</b>	<b>“Extending NC’s Inundation Maps for Better Flooding Impacts Awareness”</b> David Herlong, North Carolina Emergency Management
4:00 pm – 4:30 pm		<b>“Stage Measurements: Radar vs Pressure Transducer”</b> Ryan Guerrero, Campbell Scientific		<b>“Leveraging ALERT Gauge Data in the Colorado Flood Threat Bulletin”</b> Katie Ward, Tye Parzhbok, MetStat
4:30 pm – 5:00 pm		<b>“Etiquette for Mountain Tops and Base Stations”</b> Brian Iserman, JE Fuller/ Hydrology & Geomorphology		<b>“Translating Storm Event Data into information for Situational Awareness and Decisions”</b> Steve Malers, Markus Ritsch, TriLynx
6:00 pm – 9:30 pm	<b>ALERT Users Group Awards Banquet</b> (Las Brisas Ballroom) No-Host cocktails begin at 6:00 pm. Banquet Dinner served at 7:00 pm.			
9:30 pm – 11:00 pm	Hospitality Suite Open (Mezzanine)			

### Friday, April 20<sup>th</sup>, 2018

7:00 am – 8:30 am	Breakfast Buffet (Mezzanine)
8:00 am – 8:30 am	<b>National Hydrologic Warning Council (NHWC) Annual Meeting</b>
8:30 am – 9:30 am	<b>Meeting the New Requirements that Confront the ALERT Users Group</b> Business, Elections and Planning Meeting of the ALERT Users Group Agenda Item 1: Election of AUG Directors Agenda Item 2: Schedule AUG Fall Business Meeting Agenda Item 3: Strategic Planning and Discussion
9:30 am – 10:00 am	Break
10:00 am – 12:00 pm	<b>Round Table Discussion</b> – State of local ALERT systems, new methods of operations and maintenance, new hardware and software, plans for the future. <b>Presenters:</b> Agencies attending conference
12:00 pm	<b>Conference Adjournment</b>

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Track 1 – (Salon III)	Track 2 – (Puerto Escondido)
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