

ALERT Users Group

27th Flood Warning Systems Training Conference and Exposition

Conference Agenda

April 16-20, 2018

Monday, April 16th, 2018

12:00 pm – 8:00 pm	Exhibitor Area Setup (Salon I/II)	
2:00 pm – 4:00 pm		Registration

Tuesday, April 17th, 2018

7:30 am – 5:00 pm	Registration			
8:30 am – 10:00 am	Exhibitor Area Setup	Technical Workshop (Salon IV) “ALERT2 Hardware Innovations” Carrie Lery, Tom Odgen, High Sierra Electronics	Technical Workshop (Salon V) “How to AUGment your Rainfall Monitoring for Reliable Hydrologic Forecasting” Baxter E. Vieux, Vieux & Associates	Technical Workshop (Puerto Escondido) “Maximize Flow Measurement Accuracy with Site Selection and Acoustic Doppler Techniques” Xue Fan, SonTek
10:00 am – 10:30 am		Break (Salon I/II)		
10:30 am – 12:00 pm		Technical Workshop (Salon IV) “Getting the most from your ALERT2 Upgrade” David Leader, HydroLynx Systems	Technical Workshop (Salon V) “Optimizing Contrail® Software for Real-time Applications” Charles Yost, Scott Bores, OneRain	Technical Workshop (Puerto Escondido) “Introduction to the Soon to Be Released ALERT2005 ALERT/ALERT2 Transmitter” Ken Conner, Campbell Scientific
12:00 pm – 1:00 pm	Lunch (Mezzanine)			
1:00 pm – 5:00 pm	Field Trip – Bus boarding will begin at the Ventura Beach Marriott at 12:45 . The bus will depart at 1:00 pm . 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 (La Jolla/Mezzanine)			

ALERT Users Group

27th Flood Warning Systems Training Conference and Exposition

Wednesday, April 18th, 2018

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

Room Assignment

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

ALERT Users Group

27th Flood Warning Systems Training Conference and Exposition

Thursday, April 19th, 2018

7:30 am – 12:00 pm	Registration		
7:30 am – 8:30 am	Refreshments (Salon I/II)		
8:00 am – 8:30 am	Exhibitor Area Open	ALERT2 Workshop	<p><i>“DWR Flood Emergency Response Grants”</i> Jeremy Hill, State of California DWR</p>
8:30 am – 9:00 am			<p><i>“Preventative Maintenance in an ALERT2 World; Best Practices, Procedures, and Expectations for Technicians and Managers”</i> Mark Moore, Harris County FCD</p>
9:00 am – 10:00 am			<p><i>“Ask the Experts”</i> Come prepared with questions on the state of ALERT2, upcoming developments/plans, lessons learned, etc. Discussion Panel: Ron Marotto : VCWPD, Brian Iserman : JE Fuller, David Leader : HydroLynx, Carrie Lery : High Sierra James Logan : OneRain, Mark Moore : HCFCD, Markus Ritsch : TriLynx, Chris Roark : Ocean & Mountain Ventures, Adam Torgerson : Blue Water Design, David Van Wie : Blue Water Design</p>
10:00 am – 10:30 am		Break (Salon I/II)	
10:30 am – 11:30 am		5. Public Outreach	<p><i>“How Can Some Extreme Events Go Unnoticed When Others Make Headlines?”</i> Bruce Rindahl, Ventura County Watershed Protection District, Kevin Stewart, Urban Drainage Flood Control District</p>
11:30 am – 12:00 pm			<p><i>“How the 2017 California Wildfires Unfolded on Twitter”</i> Jim Moffitt, Twitter</p>
12:00 pm – 1:30 pm	Lunch (Mezzanine)		
1:30 pm – 2:00 pm	Exhibitor Area Open	6. New Technology	<p><i>“Using Technology and Resources to Enhance Warning Systems Related to Disasters and the Potential for Disasters”</i> Ron Marotto, Ventura County WPD</p>
2:00 pm – 2:30 pm			<p><i>“Monitoring and Responding to Flooding Applications Using Acoustic Instruments”</i> Xue Fan, SonTek</p>
2:30 pm – 3:00 pm			<p><i>“Cellular Hydrologic Telemetry Network Using the eTracker and Cloud Database”</i> Robert Laag, Riverside County FCWCD</p>
		7. Forecasting / Weather	<p><i>“National Weather Service Focus Toward Impact-based Decision Support Services; Applications to ALERT Users in California”</i> Eric Boldt, NWS Los Angeles/Oxnard</p>
			<p><i>“QPF and Flood Hazard Forecasting for Post-Thomas Fire Winter Storms 2018, Ventura, CA”</i> Alan Fox, Fox Weather, Hassan Kasraie, Kasraie Consulting</p>
			<p><i>“Atmospheric Conditions Associated with Post-Fire Debris Flows in the Transverse Ranges of Southern California”</i> Nina Oakley, Western Regional Climate Center, DRI</p>
Room Assignment	Track 1 – (Salon III)		Track 2 – (Puerto Escondido)

ALERT Users Group

27th Flood Warning Systems Training Conference and Exposition

Thursday, April 19th, 2018

3:00 pm – 3:30 pm	Break (Salon I/II)		
3:30 pm – 4:00 pm	8. System Design	“Santa Barbara County - 4 Years into ALERT2, and Emergency Gauging Response” Shawn Johnson, Santa Barbara County FCD	9. Using Data During Storms
4:00 pm – 4:30 pm		“Stage Measurements: Radar vs Pressure Transducer” Ryan Guerrero, Campbell Scientific	
4:30 pm – 5:00 pm		“Etiquette for Mountain Tops and Base Stations” Brian Iserman, JE Fuller/ Hydrology & Geomorphology	
6:00 pm – 9:30 pm	ALERT Users Group Awards Banquet (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 (La Jolla/Mezzanine)		

Friday, April 20th, 2018

7:00 am – 8:30 am	Breakfast Buffet (Mezzanine)
8:00 am – 8:30 am	National Hydrologic Warning Council (NHWC) Annual Meeting
8:30 am – 9:30 am	<u>Meeting the New Requirements that Confront the ALERT Users Group</u> 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	<u>Round Table Discussion</u> – State of local ALERT systems, new methods of operations and maintenance, new hardware and software, plans for the future. Presenters: Agencies attending conference
12:00 pm	Conference Adjournment

Room Assignment

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