

Further Symposium Information

Full symposium registration is \$450 prior to April 13, 2012 and \$540 after April 13.

Accommodations

Atlantis Hotel Convention Center
3800 S. Virginia St.
Reno, NV 89502
1.800.723.6500

Reference the ALERT Symposium to receive a special room rate of \$89. Reservations **MUST** be made prior to April 13, 2012, to be eligible for this rate. Rates are subject to 13% room tax

On-line registration at the special rate available at www.alertsystems.org

The latest information on the symposium is available on the AUG webpage at www.alertsystems.org.



24th Flood Warning Systems Preparedness Training Symposium and Workshop

Innovation-Education-Motivation

CALL FOR ABSTRACTS

**Atlantis Hotel
Convention Center
Reno Nevada**



May 15th – 18th, 2012

About the 24th ALERT Users Group Symposium

The ALERT Users Group announces our 24th Flood Warning Preparedness Training Symposium and Workshop. This nationally known and respected seminar will be held in Reno, Nevada May 15th through May 18th, 2012 at the Atlantis Hotel Convention Center. This event provides valuable opportunities for training and discussions concerning effective operation, maintenance and management of real time flood warning systems. Additional information on the symposium is available at www.alertsystems.org.

Symposium Format

The training symposium format will feature in-depth presentations, workshops and training sessions over a three and a half day period. Symposium presentations will be twenty-five minutes in length. Presentations will be grouped into sessions and moderated by a member of the ALERT User's Group Board of Directors. Workshops will be one to one and half hours in length.

Symposium Topics

Below is a brief outline of proposed topics to be covered at the symposium:

Storm Forecasting Tools

- GIS applications in forecasting
- Quantitative precipitation forecasting
- Probabilistic forecasting
- Radar developments
- Flood and flash flood forecasting
- Forecast run-off models
- Use of severe weather forecasts in flood response programs

Flood Warning System Design, Operations, and Maintenance

- Designing and operating local and regional flood warning networks
- Equipment maintenance, testing, calibration and trouble-shooting
- Telemetry Options: ALERT radio, satellite, 2-way radio, land-line and cellular
- Recent advances in stream gauging methods and instruments
- Automated road signs and flood barriers
- Dam safety and management
- Case histories of flood events
- Flood response network evaluation and testing
- Assessment of telemetry network integrity

The Future of Real-Time Flood Warning

- International perspectives of real-time hydrologic warning systems
- New flood preparedness initiatives
- Federal Programs (FEMA Project Impact, NWS StormReady, USGS Cooperative Water Program)
- ALERT2 Radio Protocol workshop
- Hydrologic radio frequency license issues and narrowband requirements
- Statewide and regional coordination with local flood response programs
- Public education and emergency response
- Role and problems of the media, Internet and intranets during flooding events

Water Quality and NPDES Programs

- Water Quality Monitoring and Research
- Current and Future NPDES Regulations
- Integrating real-time water-quality monitoring into ALERT networks

Watershed and Preparedness Management

- FEMA Community Rating System
- Developing local flood warning plans and operating procedures
- Inundation Mapping
- Data quality control and assurance methods
- Data archiving needs for future use
- Funding of flood warning systems
- Special programs in flood prone areas

Instructions for Submitting Abstracts

1. Abstracts should not exceed one page in length and be in MS Word format.
2. Each Abstract must identify the topic and have a title that clearly defines the topic to be discussed.
3. A concise biography of all authors must be submitted. This should include the job title, employer, phone number and both street and e-mail address of each author. The person who will be presenting the paper must be clearly identified.
4. Abstracts and biographies must be submitted by **February 24, 2012** to augadmin@alertsystems.org as an MS Word attachment.
5. Preparation for a complete paper is highly encouraged but is not a requirement for submitting an Abstract and making a presentation at the symposium.
6. By submitting an Abstract or paper, authors agree to its distribution at the symposium and to subsequent reproduction of the presentation in the symposium proceedings and on the AUG website.
7. Authors will be notified in March 2012 of their inclusion in the symposium program.