

# NCWRA FORUM, WEBINAR & LUNCHEON

11:30 AM - 1:30 PM,  
**Monday, February 4, 2019**  
 Jane S. McKimmon Center  
 NC State University, Raleigh, NC

## NC Floodplain Mapping Program 2D Dam Inundation Studies & FIMAN (Flood Inundation Mapping Alert Network)

**Gary W. Thompson, PLS,**  
 Interim Risk Management Chief/Chief NC Geodetic  
 Survey  
 &  
**Tom Langan, PE,**  
 Engineering Supervisor NC Floodplain Mapping  
 Program (NCFMP)

This presentation will highlight and discuss future plans and enhancements to the North Carolina Emergency Management (NCEM) Flood Inundation Mapping and Alert Network (FIMAN) and the North Carolina Floodplain Mapping Program (NCFMP). It will also provide an overview of the integration of dam hazard information into State Emergency Response Application (SERA) that is used by local first responders when responding to natural and man-made events. It will finally focus on dam inundation analyses and risk assessments being performed as part of the State of North Carolina Disaster Recovery Act of 2018 for approximately 750 high and intermediate hazard dams across the state to provide greater visibility of areas at-risk during a dam breach.

**ONLINE REGISTRATION AVAILABLE!**  
 Visit [ncwra.org/events](http://ncwra.org/events)  
 to register by credit card for this event.

**Continuing Education Credits:** This forum will provide 1 PDH (professional development hour) for professional engineers and surveyors, contingent upon board approval.

### NCWRA Forum & Luncheon Registration Form for Feb. 4, 2019

Make all checks payable to NCWRA - Send check and form to: Water Resources Research Institute,  
 NCSU Box 7912, Raleigh, NC 27695-7912 or **FAX: (919) 515-7095**

LUNCHEON		WEBINAR
Early Rate (Postmarked by 01/22/19)	Late Rate (after 01/22/19)	Register by 02/01/19
<input type="radio"/> \$20 NCWRA Member*	<input type="radio"/> \$30 NCWRA Member*	<input type="radio"/> \$20 NCWRA Member*
<input type="radio"/> \$30 Non-Member	<input type="radio"/> \$40 Non-Member	<input type="radio"/> \$30 Non-Member
<input type="radio"/> \$15 NCWRA Student Member*	<input type="radio"/> \$30 NCWRA Student Member*	<input type="radio"/> \$15 NCWRA Student Member*
No changes to registration category after 01/28/19. <b>Payments at the door will add \$5 to the late rate above (\$35 and \$45).</b> *Enter your NCWRA member number below. **See <a href="http://ncwra.org/webinars">ncwra.org/webinars</a> for rules regarding group webinar viewing policy.		<input type="radio"/> \$100 Group Viewing**

*NOTE: You must provide a valid email address below to register for the webinar. An access link will be emailed to you.*

#### **No cancellations or registration changes accepted after Jan. 28, 2019**

NCWRA will refund forum fees up to seven days prior to the event. After this, only substitutions will be accepted. NCWRA **CANNOT** give credit for future forums, as the funds are used to cover current forum expenses. Faxed registrations paid by check will not be registered until the check is received.

Name \_\_\_\_\_ NCWRA Member # \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax No. \_\_\_\_\_  
 Agency \_\_\_\_\_ Email \_\_\_\_\_  
 Full Address \_\_\_\_\_  
 City/State/Zip \_\_\_\_\_

Would you like to receive updates about future events (four forums/year) by joining the NCWRA listserv?

Yes       No

Questions? Call WRRRI at (919) 515-2815 or email [water\\_resources@ncsu.edu](mailto:water_resources@ncsu.edu)

#### **NCWRA 2019 MEMBERSHIP APPLICATION**

**Membership is valid January through December and is renewable annually**

\$20 Regular membership       \$5 Student membership

Name \_\_\_\_\_ Phone \_\_\_\_\_  
 Agency \_\_\_\_\_ Email \_\_\_\_\_  
 Address \_\_\_\_\_  
 City/State/Zip \_\_\_\_\_

If new, name of referring member \_\_\_\_\_

Forum topic suggestions \_\_\_\_\_ →

Be sure to check the website for more details about this event:

**ncwra.org**

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### **UPCOMING EVENTS**

Join NCWRA at the  
21<sup>st</sup> NC WRI Annual Conference  
**March 21-22, 2019**  
Raleigh, NC

Stay up to date as Annual Conference news is announced:  
**go.ncsu.edu/wriac**

Discounted registration rates available for NCWRA Members:  
**ncwra.org**

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### **Questions?**

Contact WRII at (919) 515-2815 or  
water\_resources@ncsu.edu

### **Past NCWRA presentations**

ncwra.org/events

### **Adverse Weather Policy**

Call WRII at (919) 515-2815 for meeting information in case of inclement weather.



**Water Resources Research Institute  
of The University of North Carolina  
North Carolina State University  
Box 7912  
Raleigh, NC 27695-7912**



## **Forum, Webinar & Luncheon**

**North Carolina Floodplain  
Mapping Program 2D Dam  
Inundation Studies & FIMAN  
(Flood Inundation Mapping  
Alert Network)**



With Speakers:

**Gary W. Thompson, PLS**  
Interim Risk Management Chief/Chief NC  
Geodetic Survey

**Tom Langan, PE**  
Engineering Supervisor  
North Carolina Floodplain Mapping Program  
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