

IAFSM Presents:



## Radar Precipitation

### How it can be used in hydrologic studies to improve model calibration.

- When:** August 23, 2010, 1:00 - 4:30 p.m.
- Where:** Lisle Police Department – Training Room  
5040 Lincoln Ave., Lisle, IL 60532
- Registration fee:** \$ 20 (including afternoon snack)
- Certification Credits:** 3.5 PDH / 3 CEC

This workshop will focus on the details of radar precipitation estimation, accuracy of available data, and how to get and utilize this data in hydrologic floodplain studies.

**Approximate Itinerary:**

- 12:45 Registration
- 1:15 Welcome and Introduction
- 1:30 The basics of radar precipitation estimation and differences in multi-sensor and rain gage precipitation amounts in the midwest. Nancy Westcott, Illinois State Water Survey
- 2:30 Application of radar rainfall data for model calibration of an ungaged watershed in McHenry County. Where to get data, how to adjust the data, and the impact of using radar data will be discussed. Wes Cattoor, Illinois Department of Natural Resources
- 3:15 Short snack break
- 3:30 Case studies and methodologies using NEXRAD rainfall data, precipitation and stream flow gages to calibrate hydrologic and hydraulic models. Graig Neville, Manhard Consulting, LTD
- 4:15 Summary and question and answer session

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**Registration Deadline: August 18<sup>th</sup> Cost: \$20**

Payment of \$20 is due upon registration and we prefer it is mailed with the attached form. We take payment at the door as a courtesy if registered – no shows will be charged due to seminar costs. No refunds after registration deadline. One form per person. After August 18<sup>th</sup>, registration will be taken at the door based on availability.

If you have any questions, please contact Sarah Harbaugh with the contact information above.

Name: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone Number: \_\_\_\_\_ Email: \_\_\_\_\_  
Type of payment (cash/check/card): \_\_\_\_\_  
Credit card number & Exp date: \_\_\_\_\_