

## **Weather 101: What Emergency Responders Should Know About the Weather**

This class will go over several meteorological topics that will be very useful for fire, police or any first responder. The class will begin with basic storm spotter information, including storm types, storm identification, safety and reporting procedures. Some advanced level storm spotting techniques and topics will also be covered. You will then learn all about Doppler Radar and how to interpret basic radar data and how to use it. Lastly, the class will end with a comprehensive overview of severe weather safety and how to stay the most up to date with the ever-changing weather.

### **Instructor – Christine Wielgos**

Christine Wielgos is the Warning Coordination Meteorologist at the National Weather Service in Paducah KY. She received her Bachelor of Science Degree in Meteorology from Northern Illinois University. She has worked with the National Weather Service in Paducah KY since March 2000. As Warning Coordination Meteorologist, Christine's responsibilities include ensuring consistency and integrity of National Weather Service products and services, conducting safety and preparedness programs throughout the area, leading education and training courses for partners and the public, as well as occasionally working the forecast and warning operations desks.