Meteorology for Disaster Managers Masterclass

in-person   virtual

Learn the fundamentals of weather directly from the Bureau of Meteorology, Australia's official source of weather information.

Across the globe, 90% of major disasters are weather-related. Take your understanding of the weather and natural hazards to the next level by attending this strongly recommended masterclass.

The masterclass provides a practical overview of the science of meteorology, tailored to meet the needs of the disaster resilience sector. Attend the masterclass to learn about the fundamentals of weather and deepen your understanding of weather forecasts and warnings.

Audience

- This masterclass is essential learning for all who work or volunteer in a disaster resilience-related role.
- This includes people working on disaster risk reduction, preparedness, planning, policy, response, recovery, community education, communication, business continuity and other areas.

Learnings:

Learn from professional meteorologists about a range of topics, including:

- Basic principles of weather forecasting
- Global circulation, the atmosphere and synoptic weather charts
- Understanding rainfall forecasts
- Thunderstorms and severe weather
- Flood forecasts and warnings
- Fire weather and heatwaves
- How to use weather and warning information to make better informed decisions
- Navigating the Bureau of Meteorology website.

Developing a deeper understanding of how weather works will enable you to make more informed decisions and plans, as well as provide better risk and hazard information in the workplace and to the community. This masterclass is facilitated by a professional meteorologist, providing the opportunity to ask questions and clarify your understanding on important weather information relevant to your role.

About our facilitators

(BH) Bonnie Haselgrove

After completing a Bachelor of Mathematical and Computer Sciences with Honours and a Graduate Diploma in Education, Bonnie had a brief stint as a high school mathematics teacher before joining the Bureau in 2014 where she gained a Graduate Diploma in Meteorology. She has spent most of her career as an operational weather forecaster, delivering services for the public, aviation customers, and Emergency Services. Bonnie recently joined the Bureau's Training Centre, conducting training and competency assessments for forecasters, working on the implementation of the Australian Fire Danger Ratings System, and helping manage and deliver the Bureau's Introduction to Meteorology courses.

(CD) Chris Davies

Chris joined the Bureau of Meteorology in 2007 after completing a Bachelor of Science and Bachelor of Computer Science. After completing the Graduate Diploma in Meteorology, Chris was posted to Darwin for 8 years covering a number of roles, including Tropical Cyclone Lead Forecaster, Volcanic Ash Advisory Centre Manager and Senior Forecaster. After gaining mid-latitude meteorology experience in the Adelaide office, Chris became a full time meteorology training specialist holding a Certificate IV in Training and Assessment and a Graduate Certificate in Adult and Vocational Education. Chris is currently the manager of in-service meteorologist training, based in Melbourne.

(GL) Gina Lawrie

After completing a Bachelor of Science with Honours in Maths, Gina joined the Bureau in 2003 where she gained a Graduate Diploma in Meteorology. She has spent most of her career as an operational weather forecaster, delivering services for the public, marine and aviation customers, Defence and Emergency Services. She has worked in Melbourne, Sydney, Canberra and the Williamtown RAAF base. More recently she joined the Bureau's Training Centre, where she currently works, conducting training and competency assessments for forecasters. Gina also manages and delivers the Bureau's Introduction to Meteorology courses for members of the public, disaster managers and those whose workplace decisions require a level of knowledge about the weather.