



**CASANZ**  
Clean Air Society Of Australia and New Zealand

## CALPUFF TRAINING COURSE

SEPTEMBER 2020, ONLINE

### COURSE OVERVIEW

This course is aimed at individuals interested in air quality science who have a working knowledge of dispersion modelling. The objective of the course is to teach the proper use of CALPUFF through hands-on applications and give a thorough overview of dispersion modelling theory. The course is recommended for new users or those requiring a refresher in the operation of the modelling system.

Participants will be provided with CALPUFF View software for the hands-on exercises.

The standard registration fee applies until 31 August 2020.

### DATES/TIMES

The course will be presented in six, 2.5 hour webinars in September 2020.

The dates and times are:

8 September 2020 •11.00 am to 1.30 pm AEST	9 September 2020 •11.00 am to 1.30 pm AEST	10 September 2020 •11.00 am to 1.30 pm AEST	15 September 2020 •11.00 am to 1.30 pm AEST	16 September 2020 •11.00 am to 1.30 pm AEST	17 September 2020 •11.00 am to 1.30pm AEST
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The sessions are designed to be interactive including discussion and hands-on exercises. Participants that miss a live session can catch up using the recording. The recording will not be available for non-participants to purchase.

### PRESENTER



#### Jenny Barclay

Jenny has instructed at more than 75, three to five day Introductory and Advanced meteorological, dispersion modelling and odour training courses for various consultants and industry including Professional Organisations – AWMA, CASANZ, NACA, the US EPA, Universities and industry all around the world.

Jenny is the author of many published peer reviewed reports, papers and scientific articles and she regularly presents at international scientific conferences. She has been involved in developing model guidance documentation for both Australia and New Zealand. Jenny is currently on several International Scientific Committees in Europe, Canada, Chile and China.



## **COURSE PROGRAM**

### **Session 1: 8<sup>th</sup> September 2020 11 am AEST to 1.30 pm AEST**

- CALPUFF introduction and overview

### **Session 2: 9<sup>th</sup> September 2020 11 am AEST to 1.30 pm AEST**

- Session 1 review
- CALPUFF GUI
- Hands-on exercise – part of the exercise will be completed in your own time following the session

### **Session 3: 10<sup>th</sup> September 2020 11 am AEST to 1.30 pm AEST**

- Session 2 review
- CALMET

### **Session 4: 15<sup>th</sup> September 2020 11 am AEST to 1.30 pm AEST**

- Session 3 review
- Pre-processors
- Hands on exercise – part of the exercise will be completed in your own time following the session

### **Session 5: 16<sup>th</sup> September 2020 11 am AEST to 1.30 pm AEST**

- Session 4 review
- CALPUFF
- Hands-on exercise – part of the exercise will be completed in your own time following the session

### **Session 6: 17<sup>th</sup> September 2020 11 am AEST to 1.30 pm AEST**

- Session 5 review
- Post-processors

## **WHAT WILL YOU LEARN?**

Completion of the course will provide you with the skills and hands-on experience to undertake CALPUFF modelling projects. The course provides instruction in the following areas:

- Overview of dispersion modelling theory
- Use of CALPUFF and CALMET
- Preparing animations and still images of wind vectors, concentrations, deposition patterns, transport trajectories and wind roses.
- Recent model enhancements such as interfacing with ASOS and WRF/MM5 meteorological data sets, roadway simulations and new postprocessing capabilities.
- Model evaluation history and inter-comparison tests.
- The use of Australian datasets including meteorology, terrain and land use.

## **COURSE MATERIALS**

The course materials are a pdf course handbook containing course notes and slides. A pdf course certificate will also be provided.



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## SOFTWARE

The course includes hands-on exercises using CALPUFF View. Limited duration licensed software will be provided for the course duration.

## CAQP

This course attracts 15.5 Certified Air Quality Professional (CAQP) continuing professional development (CPD) points.

## PRICING

### Standard Registration – available to 31 August 2020

- Member: AU\$1,250
- Non-member: AU\$1,630
- Student / retiree: AU\$630

### Late Registration – after 31 August 2020

- Member: AU\$1,400
- Non-member: AU\$1,780
- Student / retiree: AU\$780

NOTE: It is cheaper to become an individual member of CASANZ than pay the non-member price. Click [here](#) to join.

## DISCOUNTS

Only one discount type is applicable per registration, the following discounts are available:

- Multiple registration discount: three or more registrations from the same organisation receive a 20% discount. Apply the coupon code [Multi20](#) at the checkout.
- Government employee discount: 10% discount is available for all government employees who are CASANZ members. Apply the coupon code [Government](#) at the checkout.

## REGISTRATION

Registration is via the CASANZ website: [www.casanz.org.au](http://www.casanz.org.au)

## ENQUIRIES

Please contact Janelle Wildish, [web@casanz.org.au](mailto:web@casanz.org.au).