Delivery Partners

JBA consulting

Lancaster University



Continuing Professional Development for UK water sector professionals

Forecasting and extreme event response (LEC.447)

Next delivery: 11-13 and 26-27 February 2026

Location: Training Rooms 1 & 2 of the Lancaster Environment Centre (LEC), Lancaster University, Lancaster LA1 4YQ

This 5-day CIWEM-Accredited short course aims to provide participants with an introduction to the latest hydrological and meteorological forecasting methods and a solid foundation in the concepts and processes involved in flow forecasting.

It will introduce commercially available models for real time flood forecasting and warning systems and the concepts of variability, uncertainty and accuracy in short term forecasting. It will also introduce longer term climate prediction and the concepts and principles of uncertainty.

Applying to join the course as a CPD participant

Please send an email to Suzanne Stelling, the programme administrator (lec-pgt@lancaster.ac.uk) noting which course you wish to join as a 'CPD participant' and include a copy of your professional CV.

Delivery times

On each of the 5-days of the course, you will be able to access the venue from 8:00am, with training starting at 9:00am. Training will be completed by 5:00pm each day. Delivery of the 5-days of training is an in-person activity, as hands-on activities with computer models or apparatus is integral to the training days.

By design, you will be learning with UK water sector professionals undertaking the course as part of short programme leading to a qualification, and graduates with recent experience of academic learning methods. This is to encourage peer-to-peer learning and networking across the water community.

Course materials for CPD participants

Once you are registered on the course as a 'CPD participant', we will send you a secure link to access your personal copy of the training materials. We will do this before the first day of the 5-day training short course, so that you may prepare.

Library books and journals

While on campus you will have access to the Library where you will be able to read printed books and journals on for example physical hydrology at classmark 'DRH' (ground floor east) and engineering hydrology at classmark 'UGH' (first floor west).

Visitor WiFi

Free WiFi access is available for CPD participants. **Please click instructions for how to gain access to the 'visitor WiFi' (or to eduroam)**.

Breaks

There will be a mid-morning and afternoon tea/coffee break, and a 1-hour lunch break. These breaks allow you to interact with other participants and the trainers. You may like to bring your own lunch or purchase from the many outlets on the campus.

Certification of attendance

On completion of the course, you will receive a Certificate of Attendance on our CIWEM Accredited course for your records and if required by your organisation or as part of your chartership application etc.

Further information

If you have any questions regarding your participation in the training course please contact Suzanne Stelling, the programme administrator **(lec-pgt@lancaster.ac.uk)**

Additional resources available to those undertaking the course towards a professional qualification

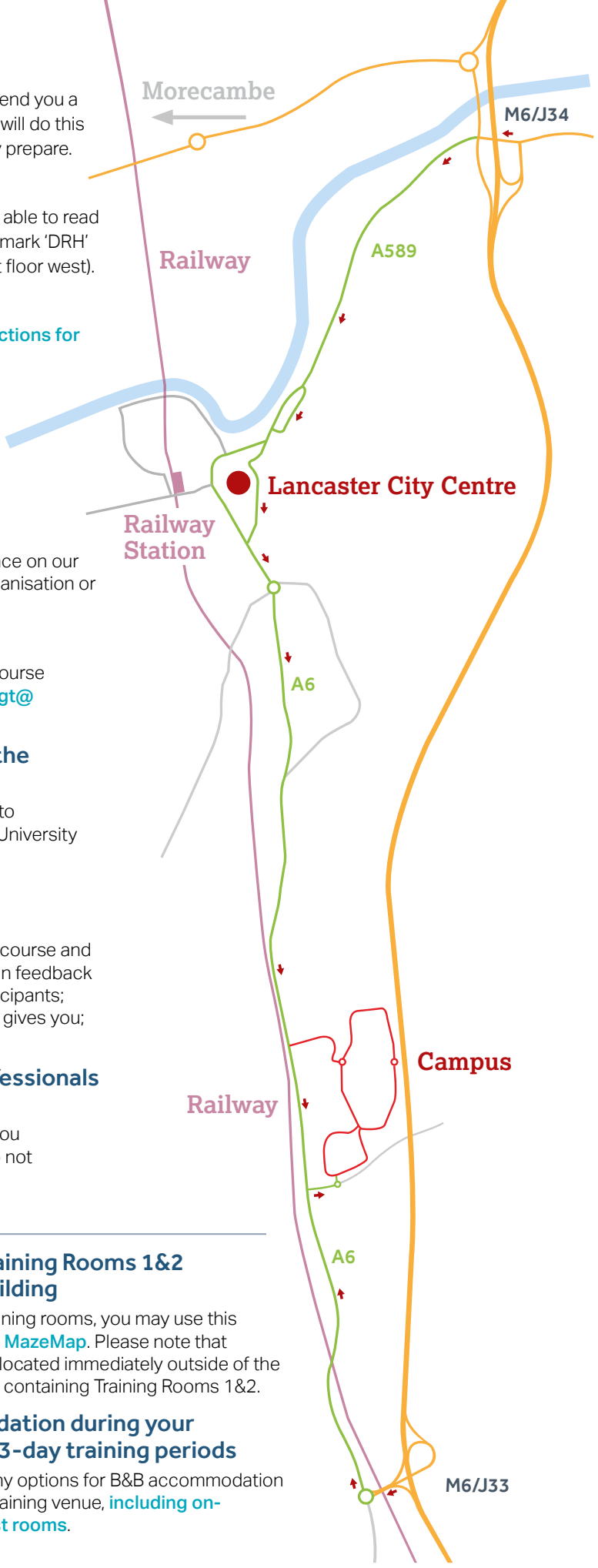
Rather than becoming a 'CPD participant' you may alternatively apply to undertake this and several other courses towards a formal Lancaster University qualification (PgCert, PgDip or MSc).

This type of registration gives you remote access to electronic journals and books in our library system

Access to Lancaster's Virtual Learning Environment ('Moodle') for the course and much wider; the opportunity to undertake course assessment and gain feedback on your learning; access to courses that are not available to CPD participants; gaining national Student Status and so the wide financial benefits this gives you; and many more benefits.

Enquiries regarding courses for UK water sector professionals leading to a qualification

If you are interested in discussing more about the opportunities that you gain from becoming a full student member of the university, please do not hesitate to contact the Director of Studies Dr Nick A Chappell, via **n.chappell@lancaster.ac.uk** with any questions.



Travelling to the campus

You may access the campus via good public transport links (e.g., Lancaster rail station and regular buses) or by car (we are close to J33 of the M6). **Click here to see full details.**

Parking on campus

Parking for course participants is available across the campus, with payment via RingGo or card-only payment meters (the nearest to the course venue is on Farrer Avenue. Please note that parking is enforced with Automatic Number Plate Recognition (ANPR) cameras. **Click here to see details of parking locations and payments.**

Finding Training Rooms 1&2 in LEC3 building

To find the training rooms, you may use this specific link in **MazeMap**. Please note that lavatories are located immediately outside of the short corridor containing Training Rooms 1&2.

Accommodation during your 2-day and 3-day training periods

There are many options for B&B accommodation close to the training venue, **including on-campus guest rooms**.

We look forwards to meeting you in person

CIWEM Chartered Institute of Water and Environmental Management
Accredited Course