

2018 Central Italy Field Trip

University of Camerino - University College of London
Joined research activities on seismic risk prevention

OBJECTIVES

The Earthquake Engineering with Disaster Management (EEDM) MSc programme and the Earthquake and People Interaction Centre (EPICentre) at the University College London (UCL) are conducting a reconnaissance field trip in Italy from the 4th to the 8th of June 2018.

The team will study the impacts of the 2016-2017 Central Italy Earthquakes and will also visit the areas affected by the 2009 L'Aquila Earthquake. The reconnaissance trip will be focused on six main themes: 1. Seismic performance observation of new and existing structures (masonry, reinforced concrete and steel, residential and industrial); 2. Non-destructive tests on diagnostics of existing buildings; 3. Detailed and systematic damage data collection for the development of fragility and vulnerability models for the building typologies damaged by the 2016-2017 Central Italy Earthquakes; 4. Seismic performance of schools and cultural heritage structures and their impacts on community resilience; 5. Emergency response and disaster management; 6. Experience and perspectives of people, local communities, and organizations involved in the 2016-2017 Central Italy Earthquakes.

The reconnaissance trip is coordinated by Dr Fabio Freddi, Valentina Putrino and Dr. Marco Baiguera.

During the first two days, the UCL team will be joining the partners from the School of Architecture and Design of the University of Camerino (UniCam; Italy) to conduct joined educational and research activities on earthquake engineering and risk prevention. Great support in these activities will be provided by Prof Andrea Dall'Asta, Prof Graziano Leoni, Prof Alessandro Zona and the structural engineering team of the University of Camerino.

PROGRAMME

Monday, 4 June 2018

3:00pm - 6:00pm

Reconnaissance of the historic town of Camerino after the "Centre-Italy 2016" earthquake

Starting point: Piantoni room, via S. Agostino,1, Camerino

Tuesday, 5 June 2018

10:00am - 1:00pm

Non-destructive tests and diagnostics of existing buildings.

Location: "Fazzini" building, via Le Mosse, Camerino.

1:00pm - 2:30pm

Lunch

Location: Piantoni room, via S. Agostino, 1, Camerino

2:30pm - 7:00pm

Workshop: New perspectives in seismic risk assessment and resilience enhancement

Location: Law School building, via D'Accorso (SP 259), Camerino

Monday & Tuesday
4 & 5 June 2018

