

● ABOUT THE COURSE

This short course programme has been developed to provide a theoretical and practical introduction to selected topics relating to emergency management. Each course will begin with an introduction and review of Aotearoa New Zealand and international research and practice. The topics will then be explored through a series of relevant case studies. The final session of each module will provide practical tools and guidance for turning the 'theory to practice'.

Day 1: Monday 07 March 2022: 9am-4:30pm **Emergency management planning**

This course will explore the range of emergency management planning processes and discuss issues that need to be addressed at a CDEM Group, community and organisational level. It will introduce the fundamental emergency management concepts and how these are applied in Aotearoa New Zealand and examine a number of recent events.

Day 2: Tuesday 08 March 2022: 9am-4:30pm **Tangata whenua and disasters**

The day will be hosted at our university marae and explore how to better understand the roles of Māori attributes (knowledge, values and practices) during disasters, drawing on some past experiences of iwi, hapū and marae.

Day 3: Wednesday 09 March 2022: 9am-4:30pm **Developing effective all-hazard warning systems**

This course will examine issues around improving the public's response to warning systems for weather, flooding, tsunami, and other hazards. This includes co-development and participatory approaches to science development and communication, identifying decision-relevant communication strategies. This course will explore international examples of effective end-to-end warning systems and discuss research into the effectiveness of these systems and considerations for uncertainty. It will discuss existing training approaches among emergency response agencies and ways to improve these by developing and implementing new technologies and approaches. The course will also address the role of communities in developing and maintaining effective systems.

Day 4: Thursday 10 March 2022: 9am-4:30pm **The wellbeing of our people**

Drawing on recent research in Aotearoa New Zealand and internationally, this course will provide an evidence-based framework for understanding how to enhance wellbeing in the light of disasters. We will discuss the role of public education (including schools), community engagement and public participation in building resilient communities. We will examine resilience initiatives for both Aotearoa New Zealand and overseas, and consider wellbeing for a diversity of communities. Monitoring and evaluation strategies will also be covered during the course.

Day 5: Friday 11 March 2022: 9am-4:30pm **Classroom in the coach**

During this day we will undertake a field excursion to explore many aspects of emergency management planning, land-use planning and options for mitigation in the Wellington and Hutt Valley. We will visit tsunami hazard zones, discuss tsunami warnings, explore the Wellington Fault, look at land-use planning for earthquakes, tsunamis, landslides and flooding, examine community-based preparedness activities and visit to the GeoNet operations centre.



● ABOUT US

The **Joint Centre for Disaster Research** opened in December 2006 as a joint venture between GNS Science and Massey University, based within the School of Psychology. In 2016 NIWA became a collaborating partner. It is located at the Massey University campus in Wellington.

The centre undertakes multi-disciplinary applied teaching and research aimed at:

- gaining a better understanding of the impacts of natural, man-made, and environmental disasters on communities;
- improving the way society manages risk;
- enhancing community preparedness, response and recovery from the consequences of natural, man-made and environmental hazard events.

● WHO SHOULD ATTEND?

This course will help you better understand how your organisation can prepare for, respond to, and recover from a disaster.

This course is designed for those involved in all aspects of emergency management: planners, educators, engineers, local and central government policy makers, insurance managers, researchers, emergency managers and utility and property owners.

● PRICING & REGISTRATION

The cost for this course is:

- Per day = \$300 +gst
- Full week = \$1,250 +gst

To register please contact Harriett Guy at h.guy1@massey.ac.nz.

Joint Centre for Disaster Research
Massey University

EMERGENCY MANAGEMENT SUMMER INSTITUTE

- **MASSEY UNIVERSITY CAMPUS
WELLINGTON
AOTEAROA NEW ZEALAND**

- **7 - 11 MARCH 2022**

