



New Zealand

IPWEA

INSTITUTE OF PUBLIC WORKS
ENGINEERING AUSTRALASIA

Sustainable communities enabled by
public asset management excellence



CC 101 – Introduction to Climate Adaptation in Asset Management

Overview

CC 101 introduces key considerations for asset management in adapting to climate change.

This course is designed around the following learning objectives:

1. Have a basic understanding of the science of climate change and how it affects and impacts infrastructure and infrastructure services.
2. Identify the areas in asset management that could assist in resilience improvements of infrastructure and management processes.
3. Understand the input of asset management processes to improve or maintain the levels of service in light of the resilience cycle.
4. Develop an asset management capability improvement strategy for incorporating climate change into asset management.

The content is structured according to these objectives, with training videos providing a general understanding of concepts and written modules providing more in-depth learning.

Who should attend

Asset owners and service providers being tasked to consider climate adaptation in asset management.

Typical attendees include

- Asset Managers
- Consultants
- Contractors
- Engineers
- Executives
- Planners
- Project managers
- Strategy staff

Learning material

- Text, images, video
- Formative assessment
- Activities
- Case studies
- Summative assessment

Outcomes

This course will give you an introduction to integrating climate change considerations into asset management. It leads into future badges which cover these topics in more detail.

Content

- Climate Science, Global Current Trends and Infrastructure
- Asset Management as Part of the Climate Resilience Cycle
- Improve or Maintain the Levels of Service Considering the Resilience Cycle
- Developing Capacity and Capability for Climate Adaptation in Asset Management

Pre-requisites: None

Contact Business Relations Manager
Jodie.Odoherty@ipwea.org 027 265 2211

www.ipwea.org.nz