ĀpŌpŌ
WM 240

WM 240 – Inspection and Performance

Digital badge WM 240 follows on from WM 104 which introduced an overarching framework for flood risk asset management, comprising four key activities: Inspection, Performance, Risk Management, and Planning.

WM 240 focuses on the first two components of the framework - inspection and performance - providing more detail and in-depth discussion.

The course includes:

1. The importance inspecting assets, how often they should be inspected, and what data should be collected
2. How to plan, design and develop an asset inspection methodology, including conducting and reporting an inspection
3. The importance of collecting condition data, how to collect it, and its relationship with asset performance
4. What is asset performance, how do you assess it, including principles and methods
5. How to inspect common flood protection asset types, their specific failure modes and associated performance features.

Who should attend

- Operational personnel responsible for flood protection asset inspections and condition assessments.
- Practitioners that work in flood risk management, asset management or other related disciplines.
- Senior field supervisors and area engineers looking to refresh existing knowledge.
- WM 104 badge participants

Typical attendees include

- River practitioners
- Field supervisors
- Area engineers
- Asset managers
- Operational personnel
- Consultants
- Contractors
- Public works professionals
- Operations engineers

Outcomes

This course offers a deeper understanding of asset inspection, condition assessment, and performance-based processes. The participant will gain confidence in identifying failure modes and associated performance features for flood risk management assets.

Learning material

- Text, images, video
- Formative assessment
- Activities and case studies
- Summative assessment

Content

- Inspection
- Asset Condition
- Inspection Methodology
- Asset Performance
- Asset Types, Failure Modes and Performance Features

Pre-requisites: An understanding of the content in WM 104.