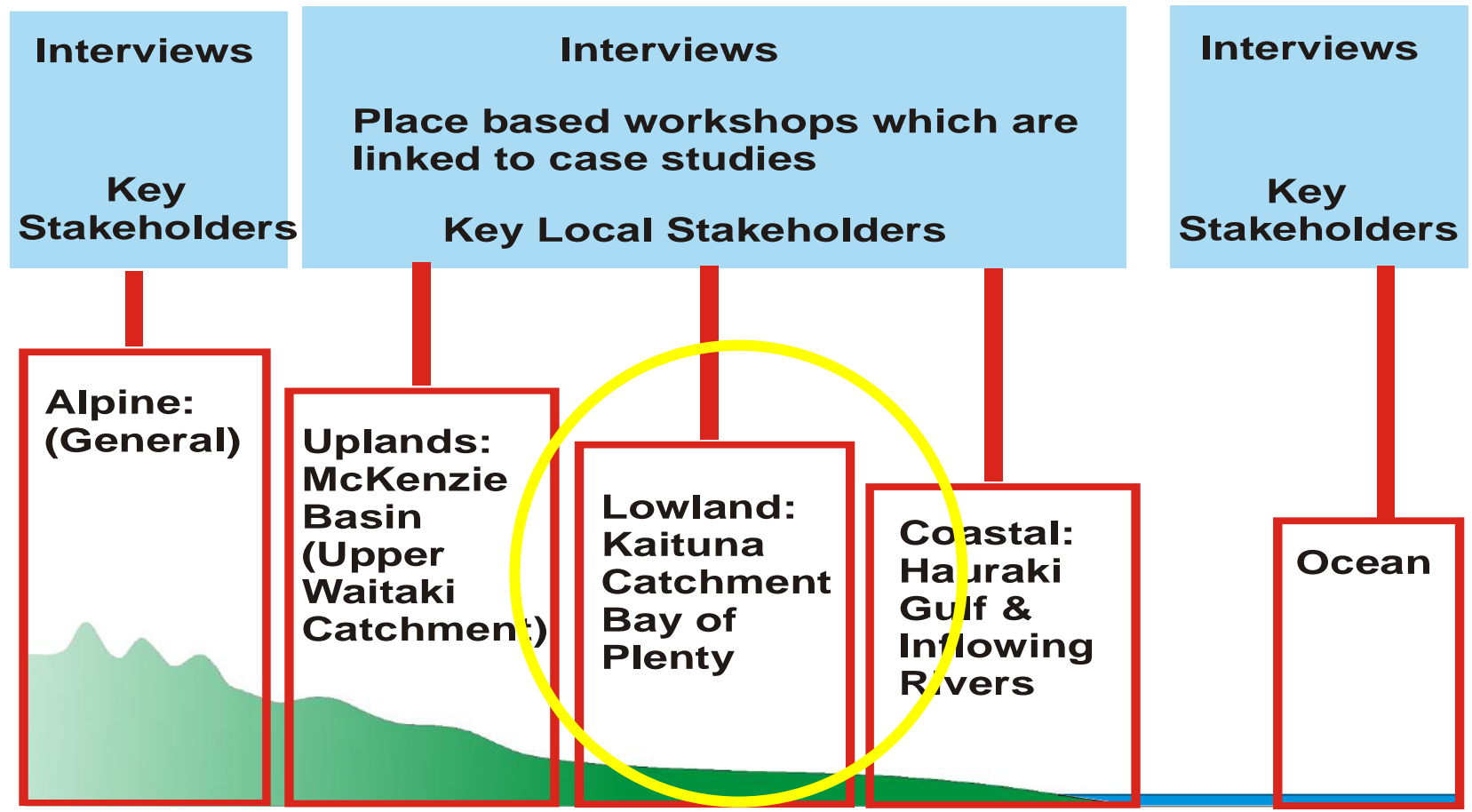


Introduction to the lowland case study

Anne-Gaelle Ausseil, K Bodmin, P Blackett



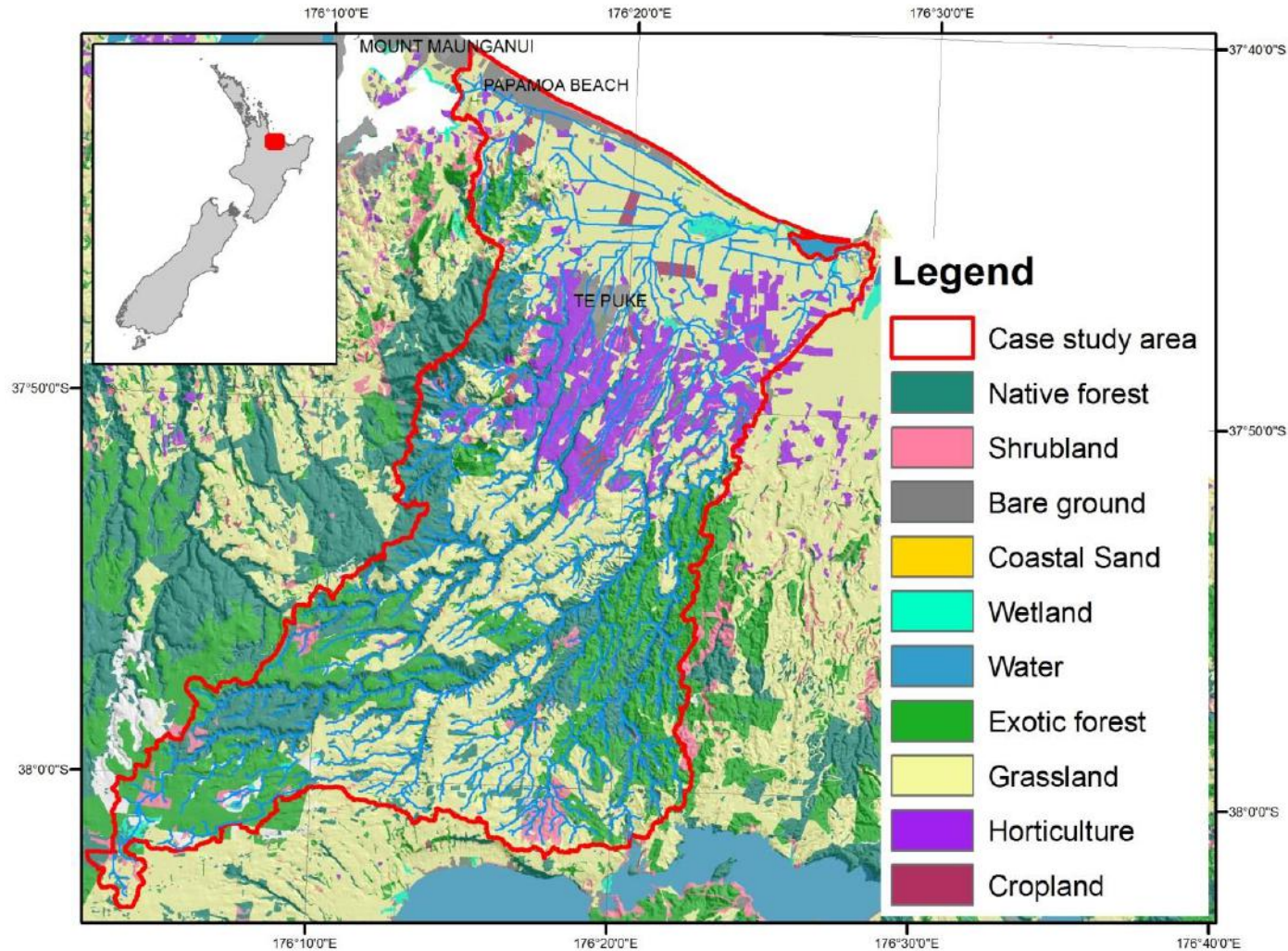
Case Studies: Longitudinally Sequenced but not Geographically Linked

Overview

- Lowland issues with climate change (CC):
 - Degradation of native habitat (incl. wetlands),
 - Land-use intensification
 - impacts on water and soil resources
- Selection of case study based on criteria:
 - primary production, natural ecosystems
 - land-use changes
 - CC impacts
 - stakeholder engagement
- **Lower Kaituna catchment**



Lower Kaituna case study area



- 63,000 ha
- Range of land uses (managed and natural)

Lowland Workshop

- Lowland workshop, Sept 9th 2014 at Kiwi 360
- Part of the CCII engagement process
- 35 - 40 people attended
- Representatives from: local and regional government, Iwi and Hapu groups, various NGO groups including Fed Farmers, Rural Women's Network, Lakes Water Quality Society, Zespri, Dairy NZ, Fonterra ...



Key Issues and Concerns

Sea Level Rise and Coastal



Key Issues and Concerns

Primary production



Key Issues and Concerns

Land-use Change



Issues raised by stakeholders – for future research

- Coastal issues (erosion, flooding)
- Water quality
- Natural systems
- Natural risks (extreme events, fire)
- Land-use suitability (OLW-DSC proposal)
- Infrastructure
- Climate change impacts & planning



What we've done

- primary production:
 - Maize (Edmar)
 - Pasture (Liz)
 - Kiwifruit (Andrew T)
- Pests (Andrew D)
- Land-use change (Anne-Gaelle)





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