

# BRaid Seminar

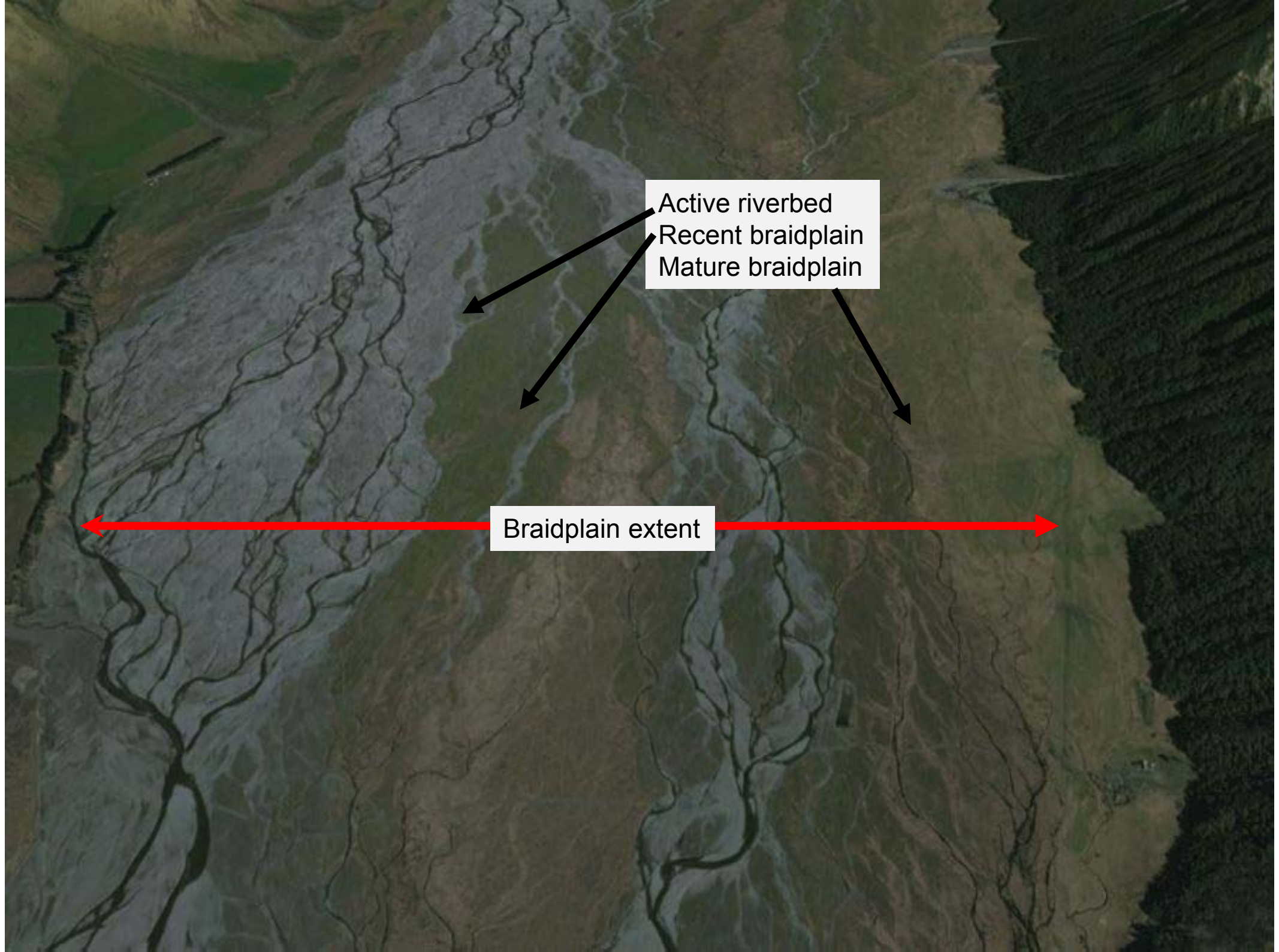
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# Braided rivers land use change

- Issues
- CWMS targets
- Action



Active riverbed  
Recent braidplain  
Mature braidplain

Braidplain extent



# Mid-Waiau 1997



# Mid-Waiau 2005





# Mid-Waiau 2015



**Environment  
Canterbury**  
Regional Council  
*Kaunihera Taiao ki Waitaha*

# Harper River 2006





# Harper River April 2016

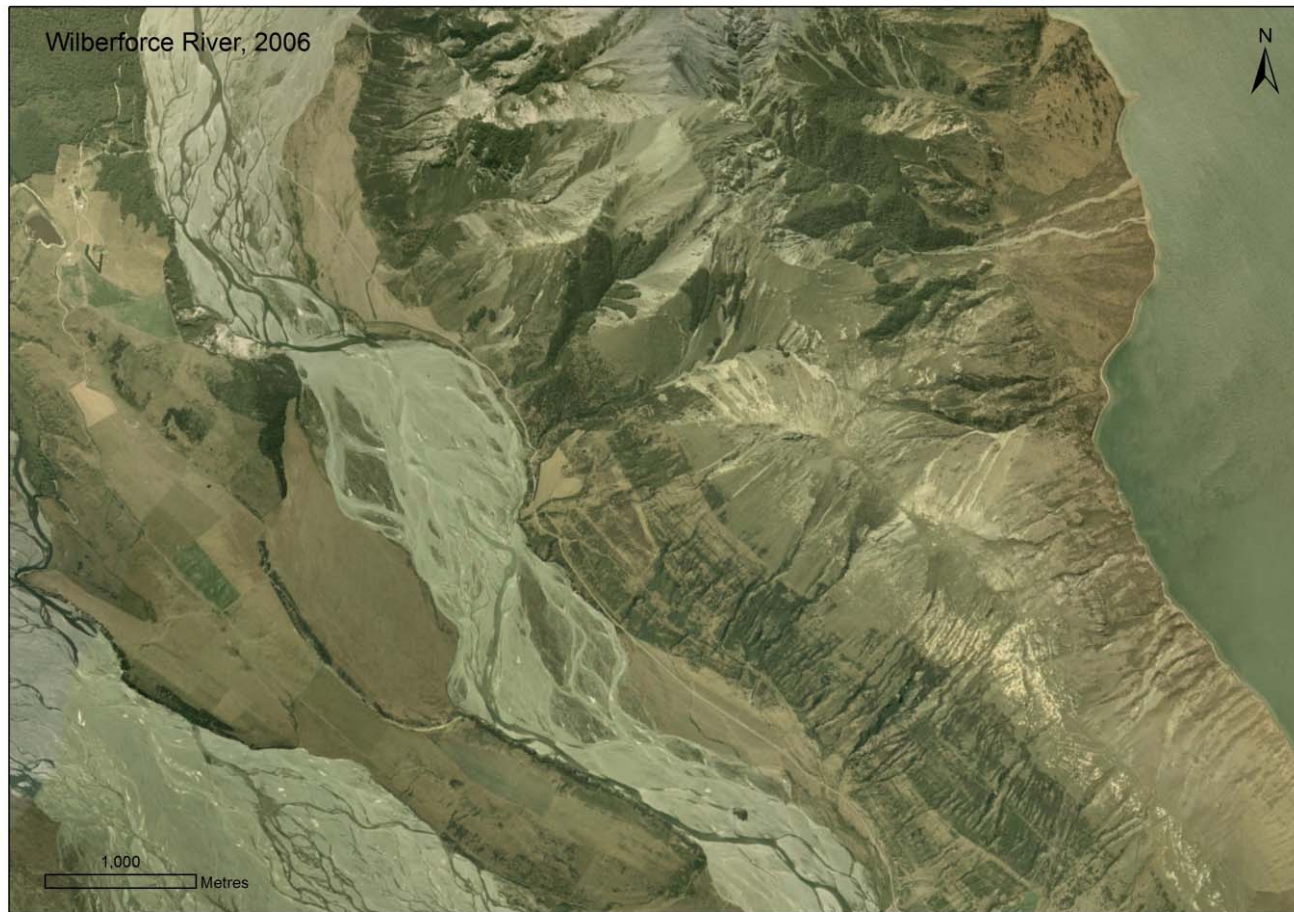




# Harper River 2016



# Wilberforce River 2006





# Wilberforce River 2016







# Canterbury Water Management Strategy Targets

- Maintain the braided character of all Canterbury's braided rivers by:
  - Target 1: Maintaining the upper catchments of Canterbury's alpine braided rivers as largely natural ecosystems and landscapes.
  - Target 2: Maintaining the extent of active floodplains, flow variability and sediment flow processes including when undertaking river protection works, land-use change or deliberate vegetation stabilisation
  - Target 3: Supporting the dynamics of river mouths and coastal processes.
  - Target 4: No new dams on the main stem of major alpine braided rivers





# Action

- Braided Rivers Agencies / Action Group
  - DoC, LINZ, Te Rūnanga o Ngāi Tahu, District Council, Environment Canterbury, Federated Farmers, Fish & Game, Forest & Bird
  - Comprehensive mapping project
  - Improving and aligning practice



# Rangitata

- Land parcels
- Leases / licences
- Land use





- Environment Canterbury work programme
  - Riverbed area
  - Natural character assessment
  - Biodiversity
  - Planning – Land and Water Regional Plan: Plan Change 4
  - Compliance & enforcement
  - Science - ‘braidplain’

# Questions?