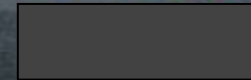




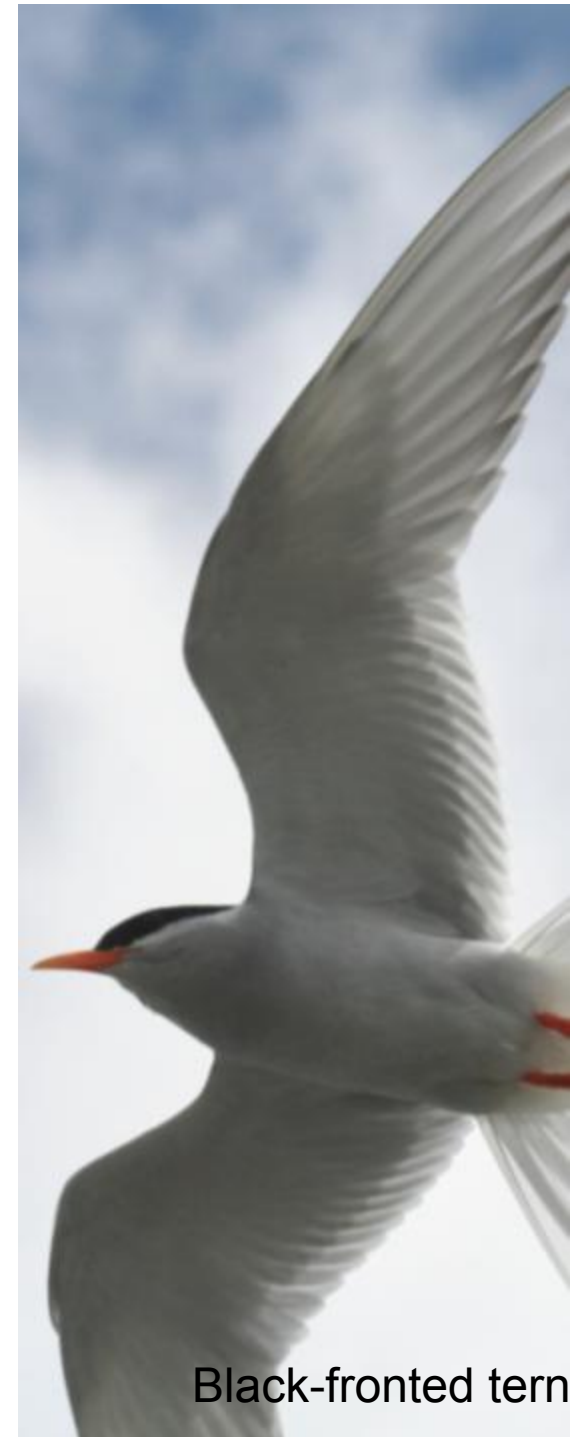
# Opportunities and priorities for future braided river conservation

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Christchurch  
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# Outline

- What are the research and development priorities?
- Threats and their interactions
- Where current 'best practice' needs further development
- Partnership approaches



Black-fronted tern

# Threats

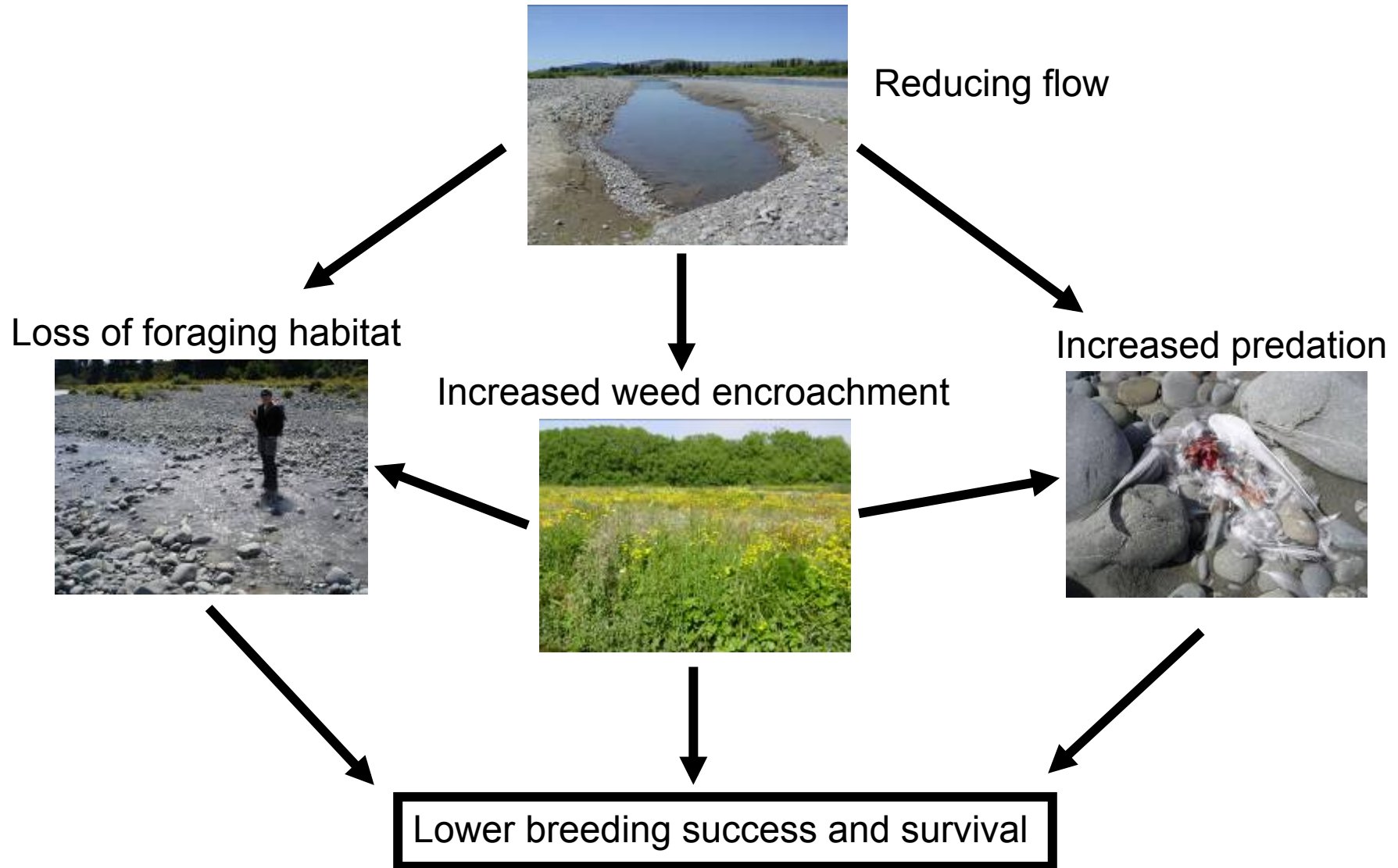


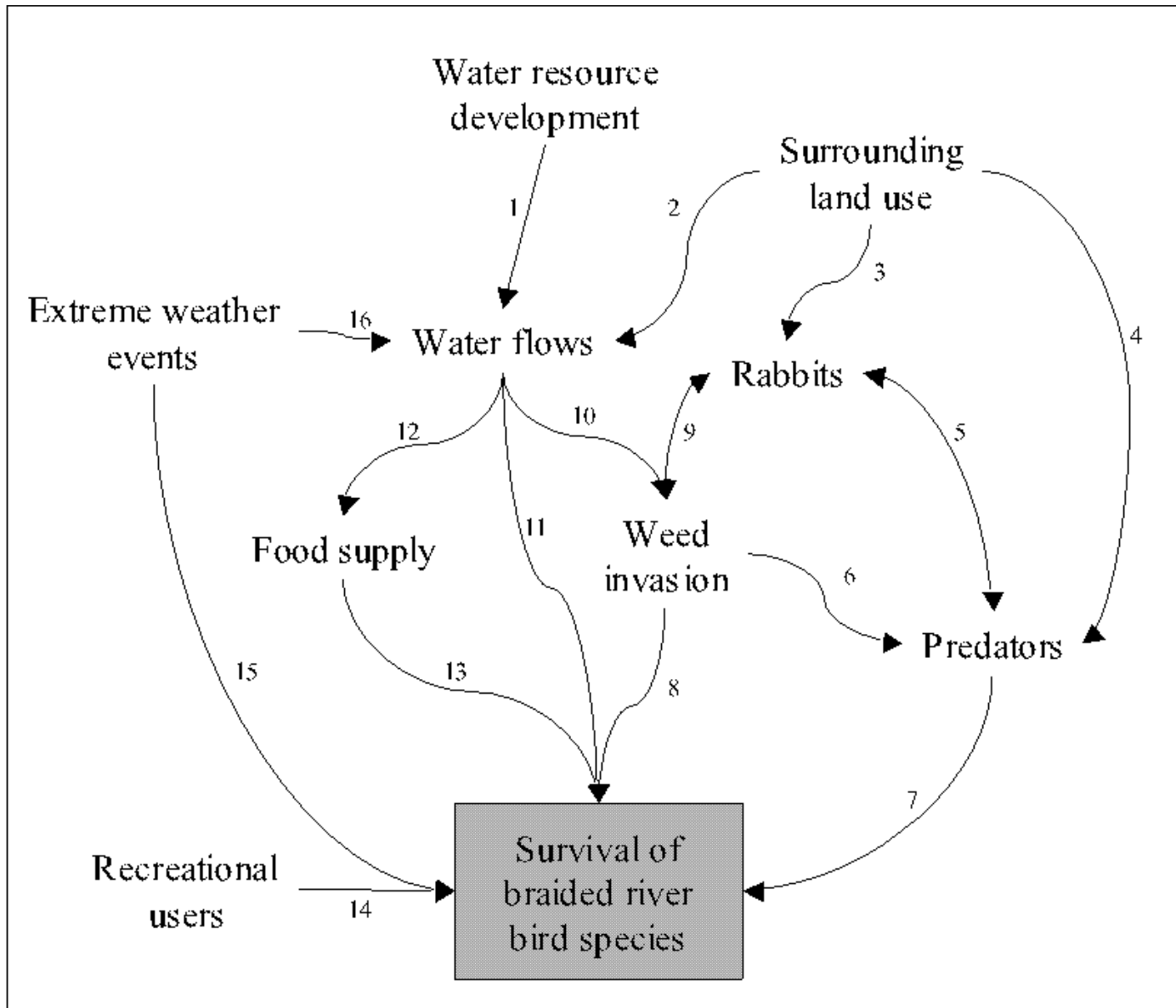
- Climate change
- Terrestrial weeds
- Terrestrial predators
- Browsers
- Stock
- Human developments
- Recreation
- Water abstraction
- Dams
- Disturbance
- Gravel extraction
- Channelisation
- Adjacent land use
- Aquatic weeds
- Trout

# Onsite/offsite



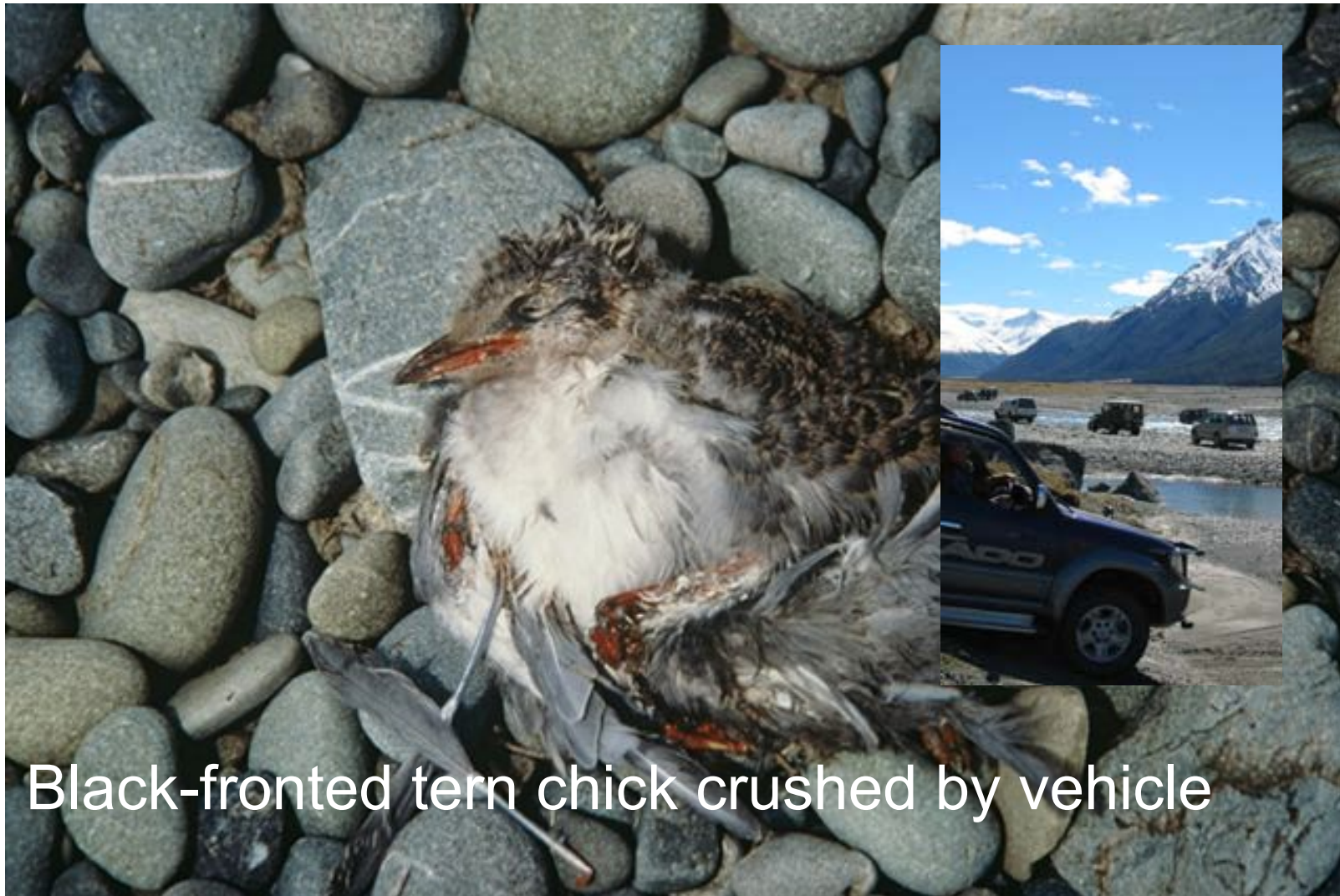
# Flows and threatening processes





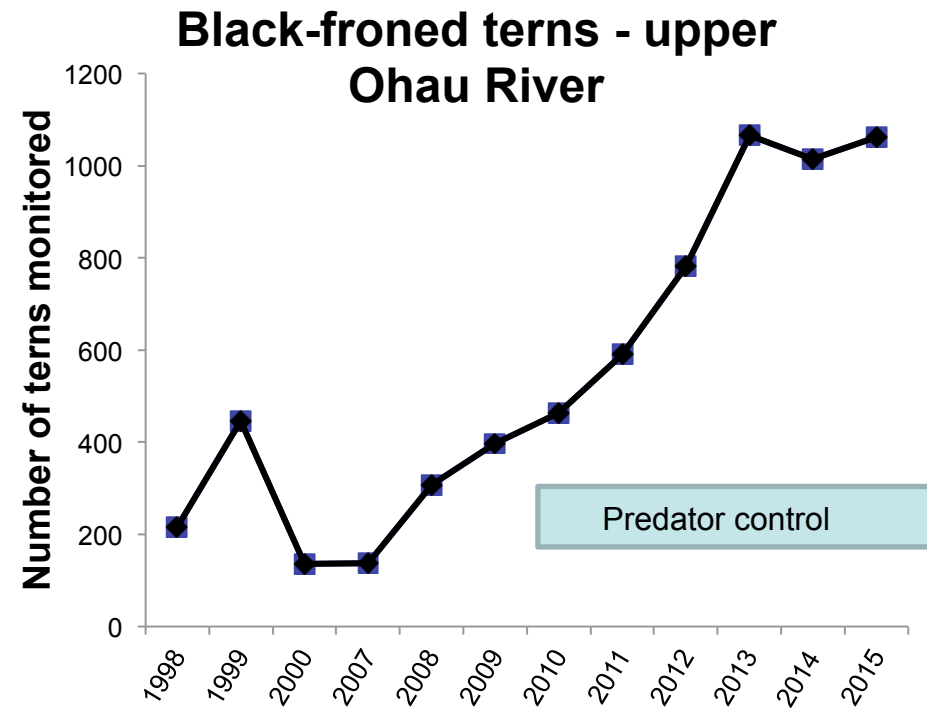
Keedwell (2004)

# Managing increased recreation



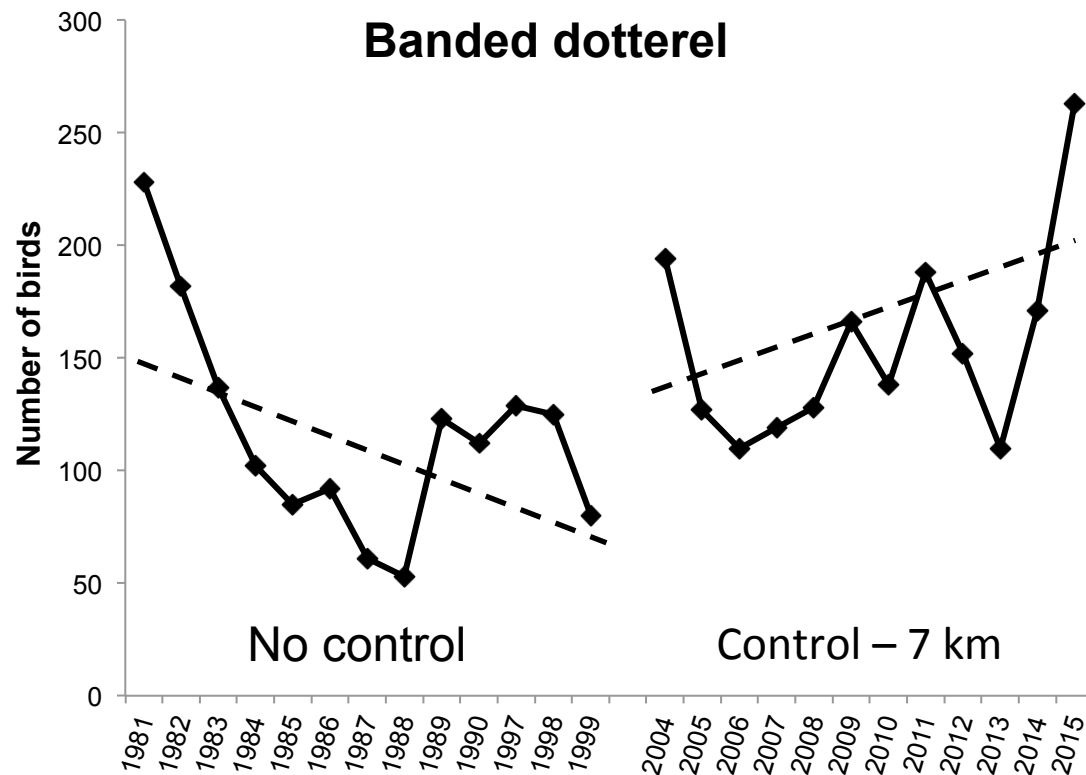
Black-fronted tern chick crushed by vehicle

# Testing the scale of pest control

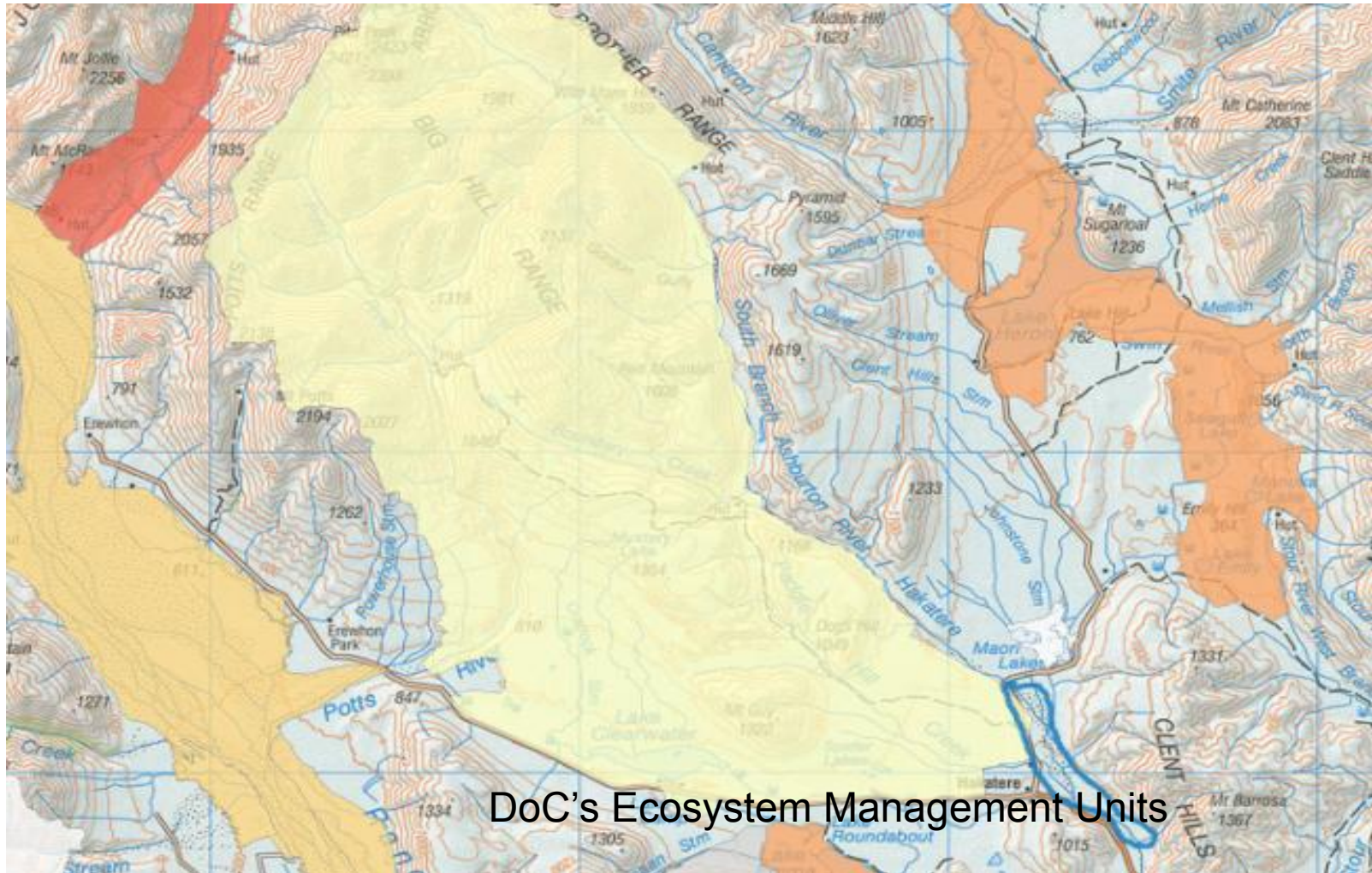


# Testing the scale of pest control

## Upper Ashburton



# Landscape scale approaches

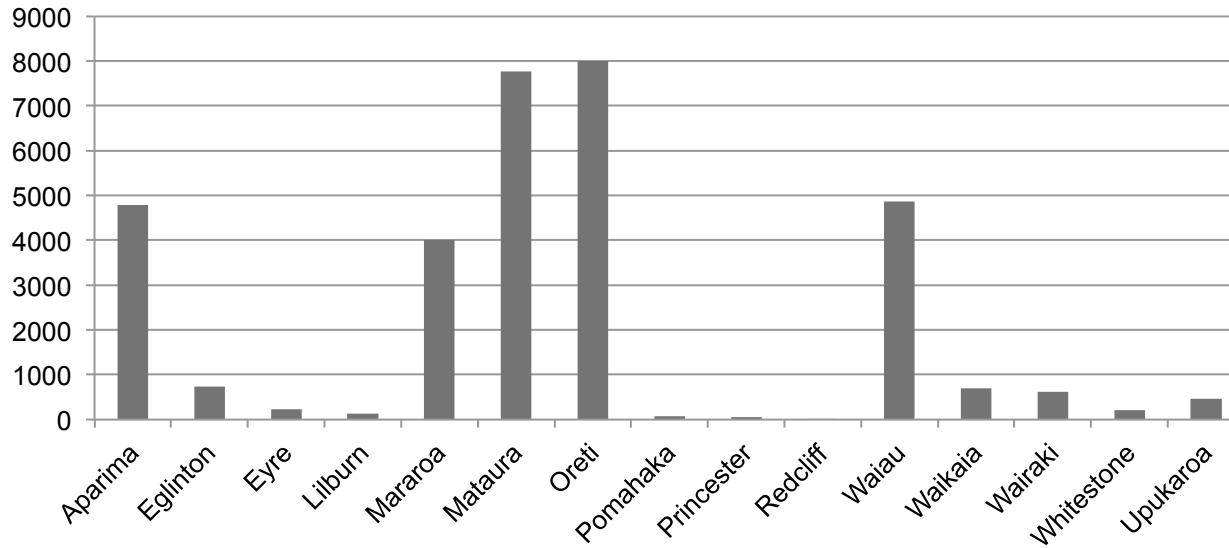


# Braided river site prescriptions

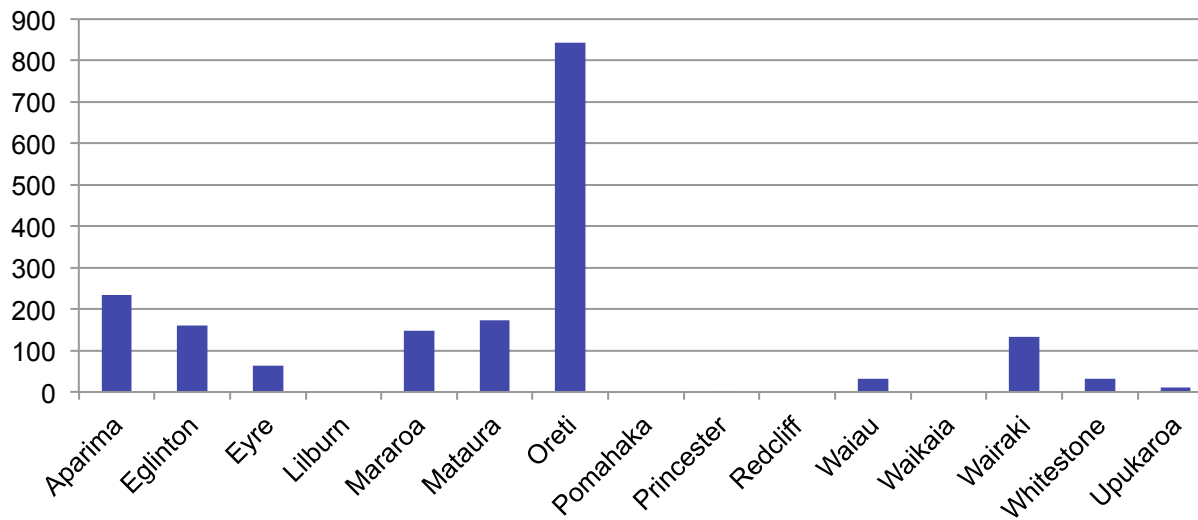
- Annual predator control
- Create secure islands
- Annual control of weeds on breeding islands
- Rabbit control
- Monitoring predators
- Monitoring outcomes
- Weed monitoring
- Monitoring rabbits
- Advocacy (statutory)
- Education



# Management in other regions



Total count:  
32,660 birds



Black-fronted  
terns:  
1829 birds

Southland (2009)

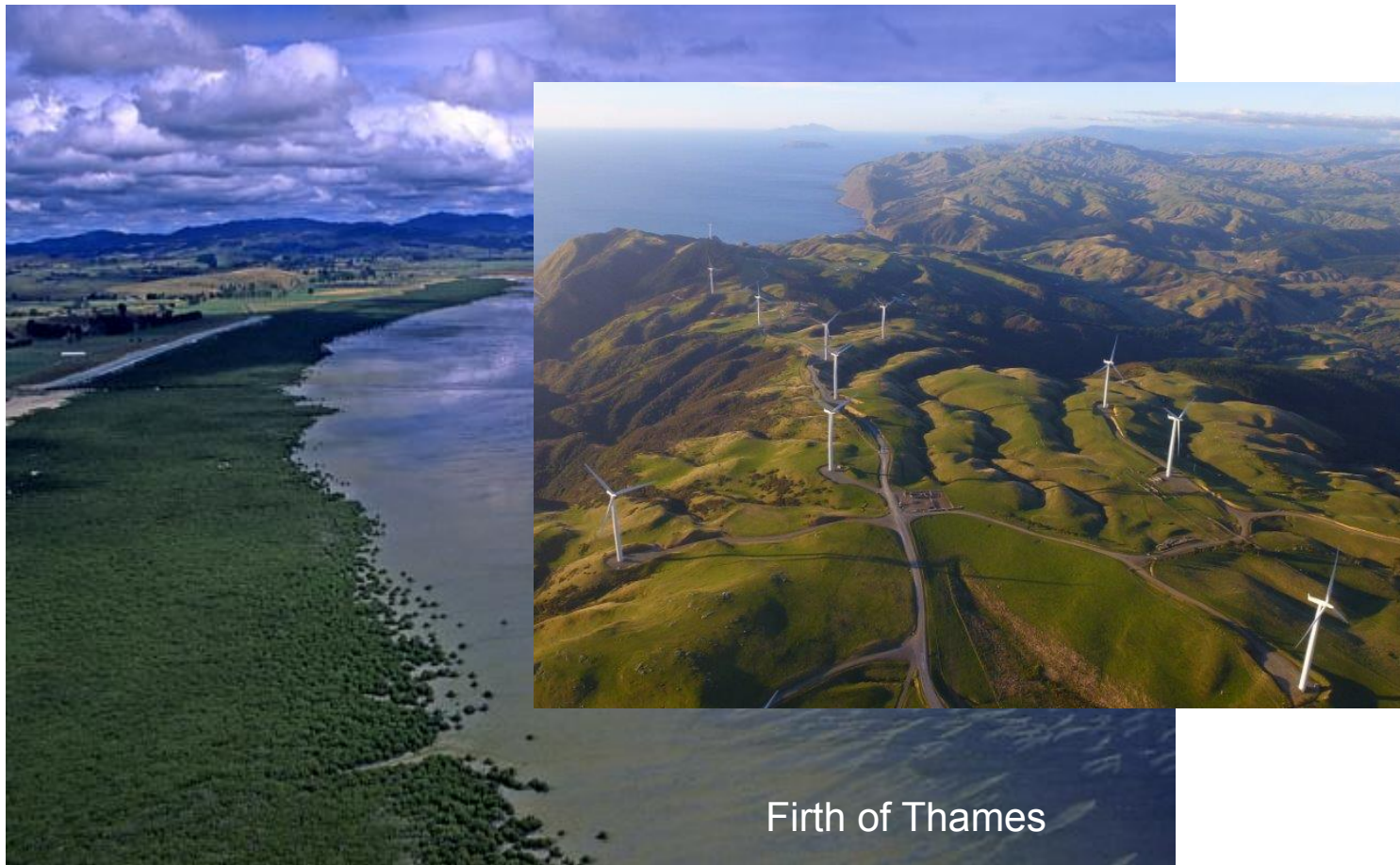
# Securing the networks

- Braided rivers – not isolated habitat types but part of complex wetland networks



# Securing the networks

- Braided rivers – not isolated habitat types but part of complex wetland networks



Firth of Thames

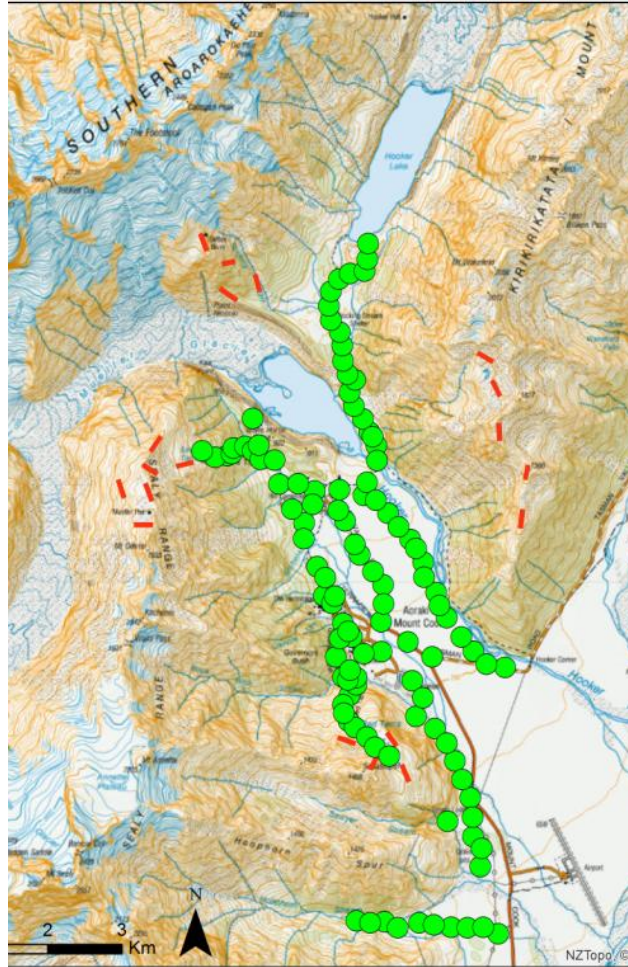
# Ecology of threatened species



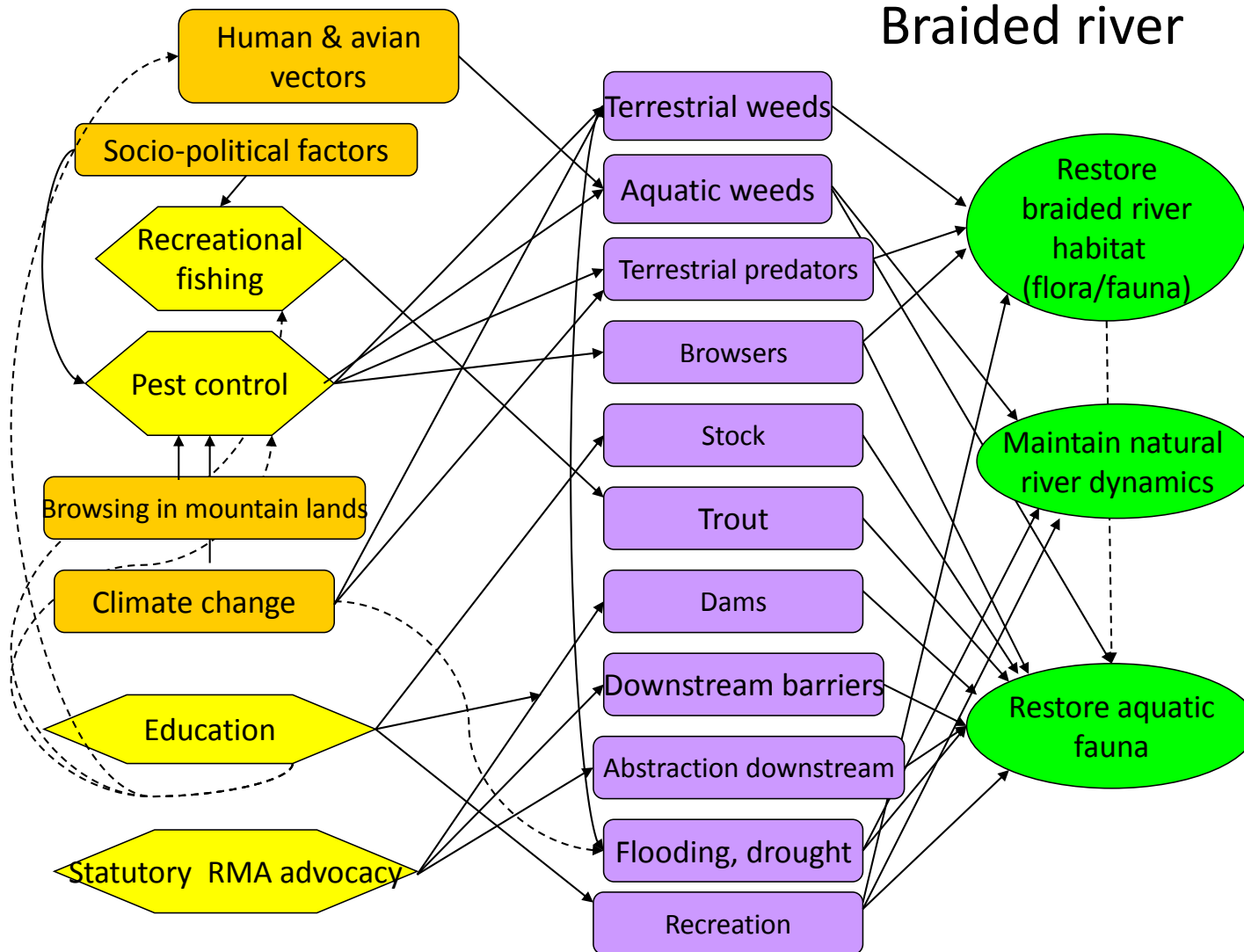
# Other threatened fauna



# Partnerships and community



# Using conceptual models





## Follow the vision.....

- New Zealanders will enjoy and care for braided river ecosystems as a distinctive a valued part of their natural heritage



# The future

- More-effective management tools
- Sustainable local conservation programmes
- Managing complex landscapes
- Integrated catchment management
- Test boundaries of effective predator control
- Understanding threatened species and predators

