



**For now &  
our future**

## **A regional council application of tools – taking the road less travelled**

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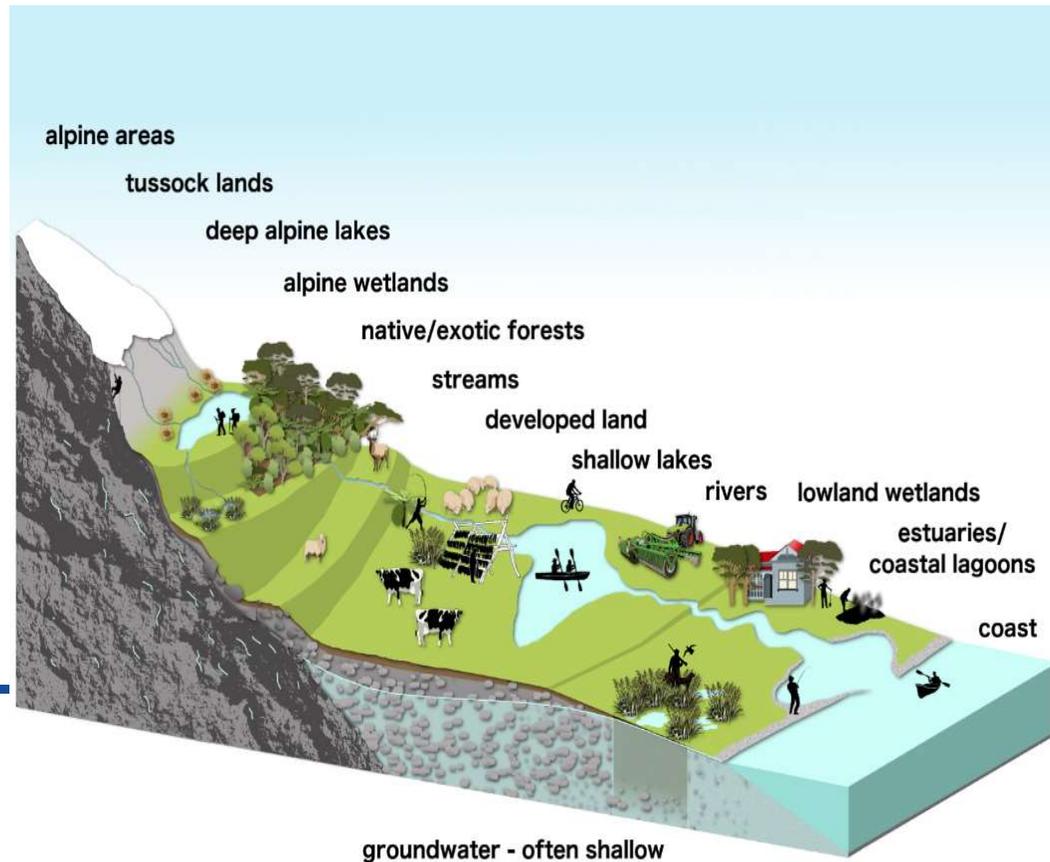
**OUR LAND  
AND WATER**

Toitū te Whenua,  
Toiora te Wai

National  
**SCIENCE**  
Challenges

 **environment  
SOUTHLAND**  
REGIONAL COUNCIL  
Te Taiao Tonga

# The Southland environment

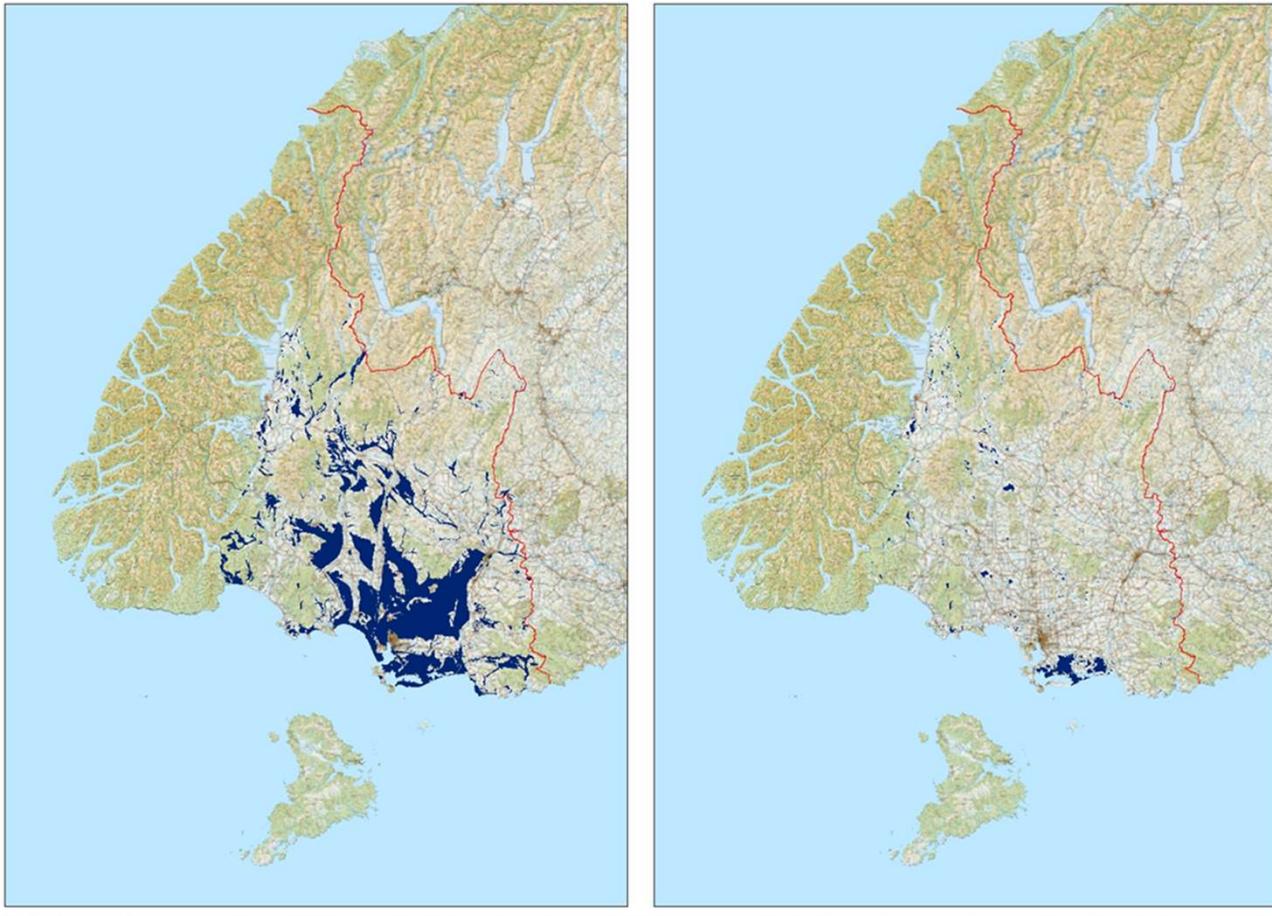


[www.es.govt.nz](http://www.es.govt.nz)

# River cuts and flood channels

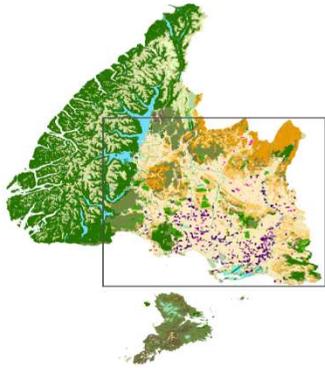


# Wetland removal/drainage



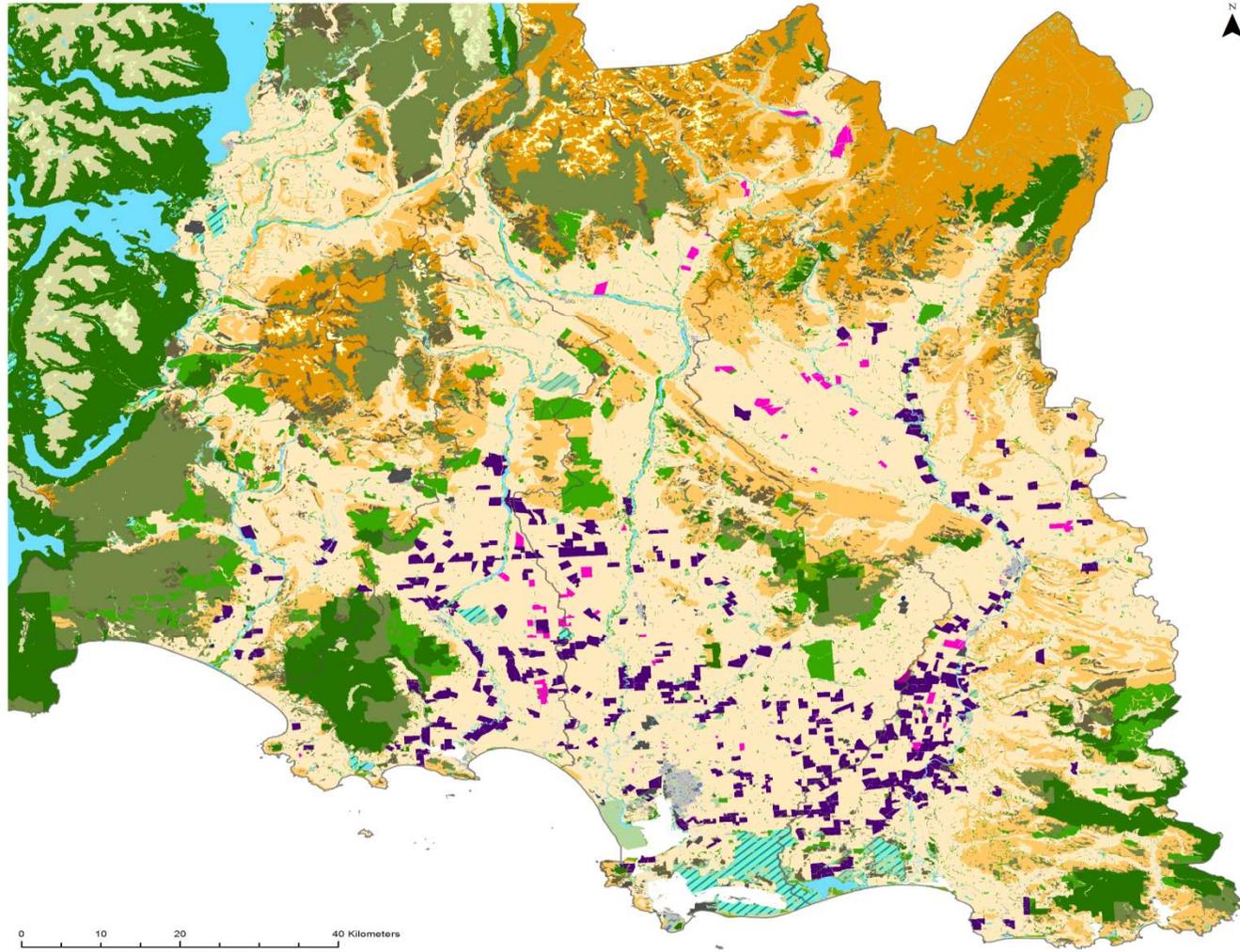
# Tile drains and surface drains





**1996 Land Use**

- Conservation - Bare Ground, Sand, Gravel or Snow
- Conservation - Scrub and Tussock
- Conservation - Indigenous Forest
- Conservation - Mixed Cover
- Conservation - Wetland
- Recreation and Tourism
- Bare Ground, Sand, Gravel, or Snow
- Indigenous Forest
- Indigenous Scrub
- Exotic Forest
- High Country Drystock
- Hill Country Drystock
- Lowland Drystock
- Dairy
- Dairy Sheep
- Arable
- Horticulture
- Industry and Airports
- Residential and Commercial Use
- Public Use
- Lakes and Rivers
- Road and Rail
- Wetland
- Surface Mine or Dump

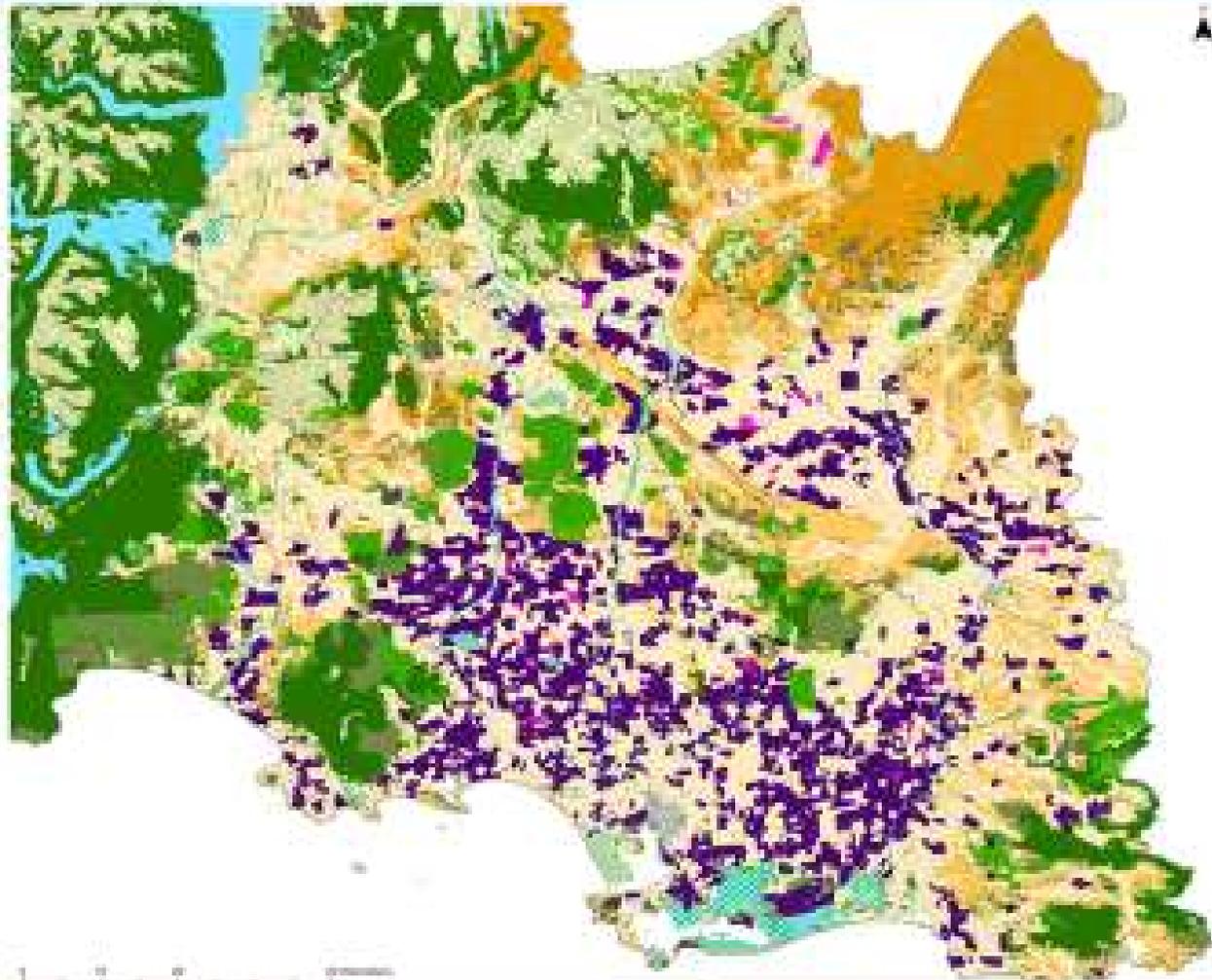


Te Iaiāonga



**2016 Land Use**

- Conservation - Bare Ground, Sand, Gravel or Snow
- Conservation - Scrub and Tussock
- Conservation - Indigenous Forest
- Conservation - Mixed Cover
- Conservation - Wetland
- Recreation and Tourism
- Bare Ground, Sand, Gravel, or Snow
- Indigenous Forest
- Indigenous Scrub
- Exotic Forest
- High Country Dryshrub
- Hill Country Dryshrub
- Lowland Dryshrub
- Dairy
- Dairy Sheep
- Arable
- Horticulture
- Industry and Airports
- Residential and Commercial Use
- Public Use
- Lakes and Ponds
- Road and Rail
- Wetland
- Surface Mine or Dump



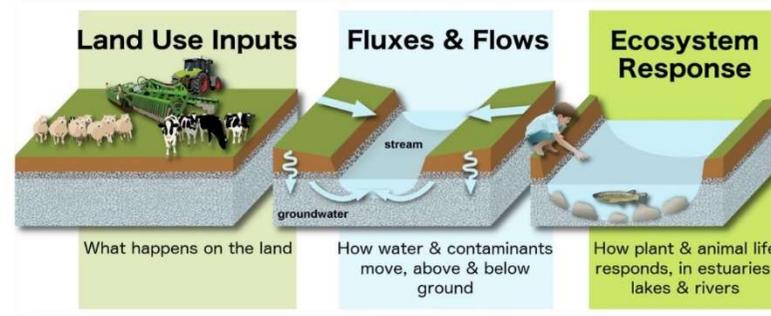
# ES Science



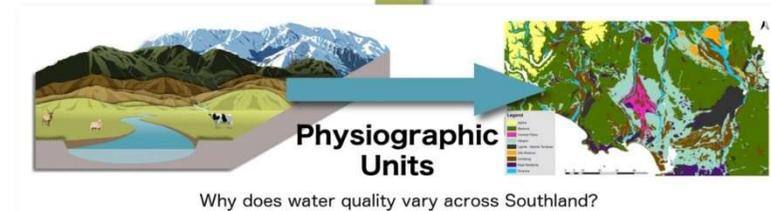
## State of the Environment



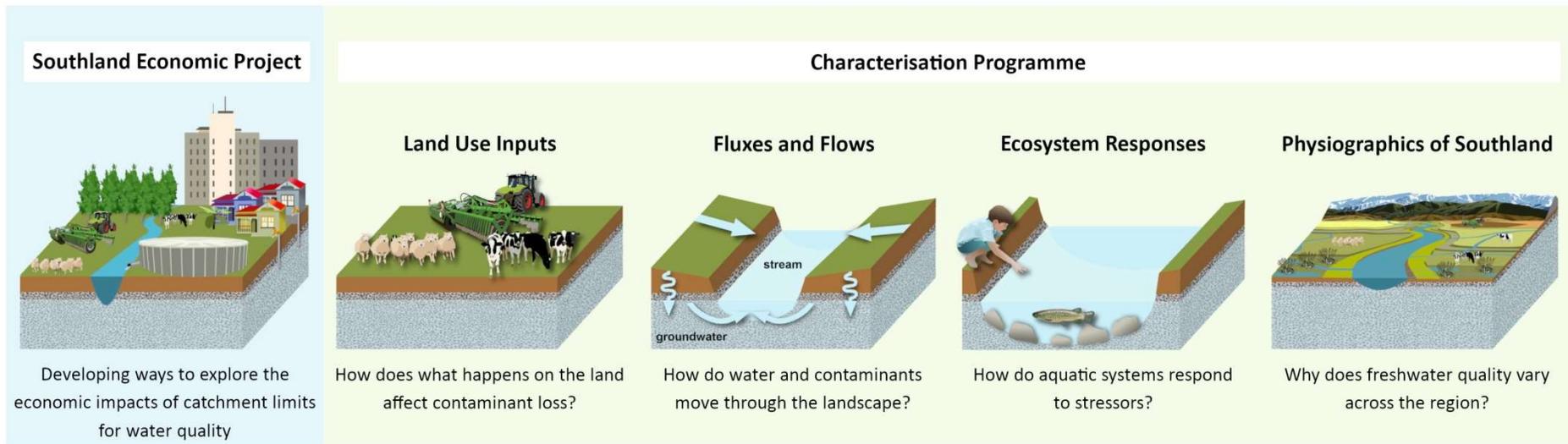
## Characterisation



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# Characterisation





# People, Water and Land Programme

*Te Mana o te Tangata, te Wai, te Whenua*

## VISION:

Inspiring change to improve Southland's water and land

## OBJECTIVE:

Southlanders improve their water and land through **knowledge** and **on ground action**

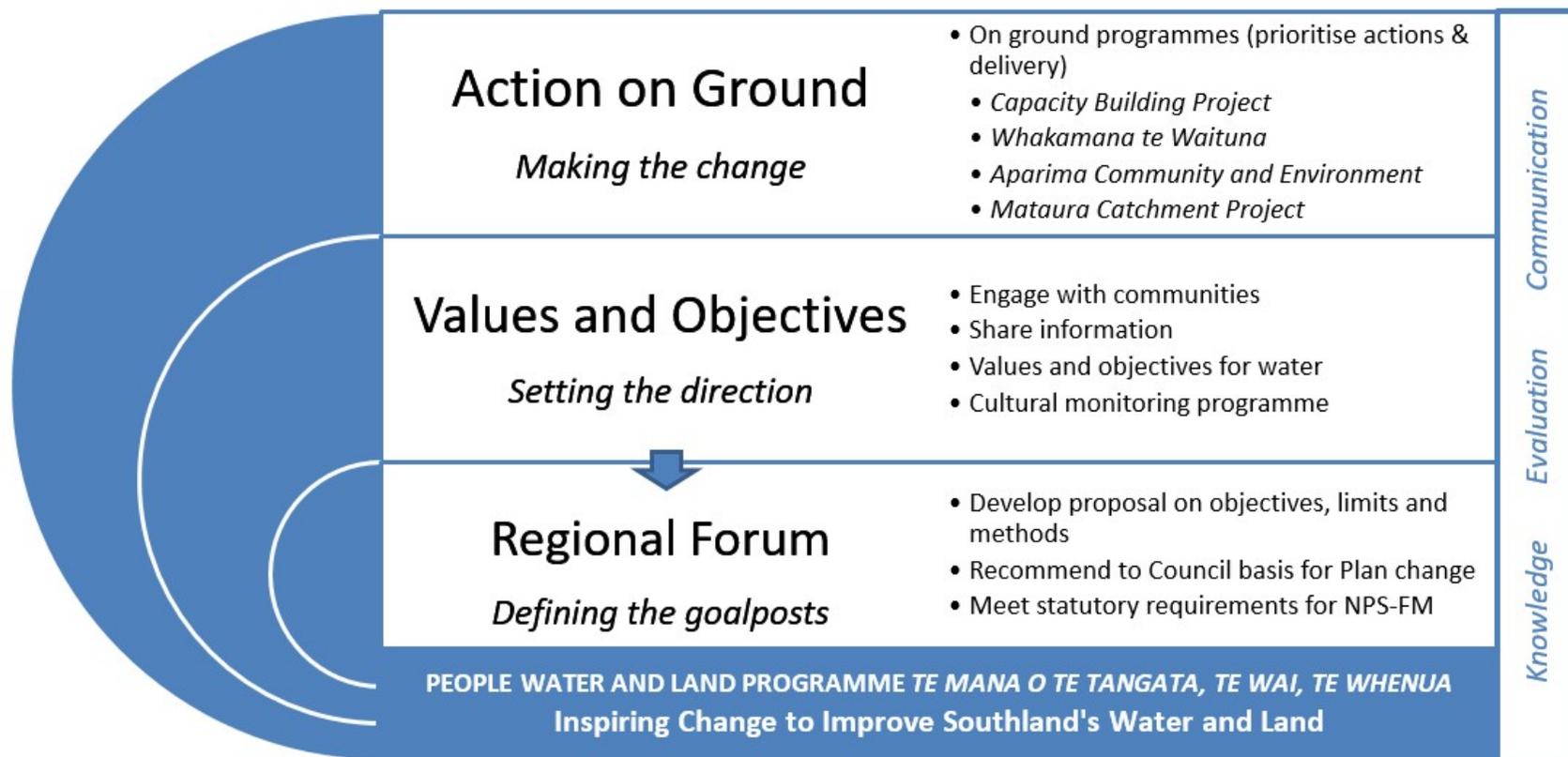


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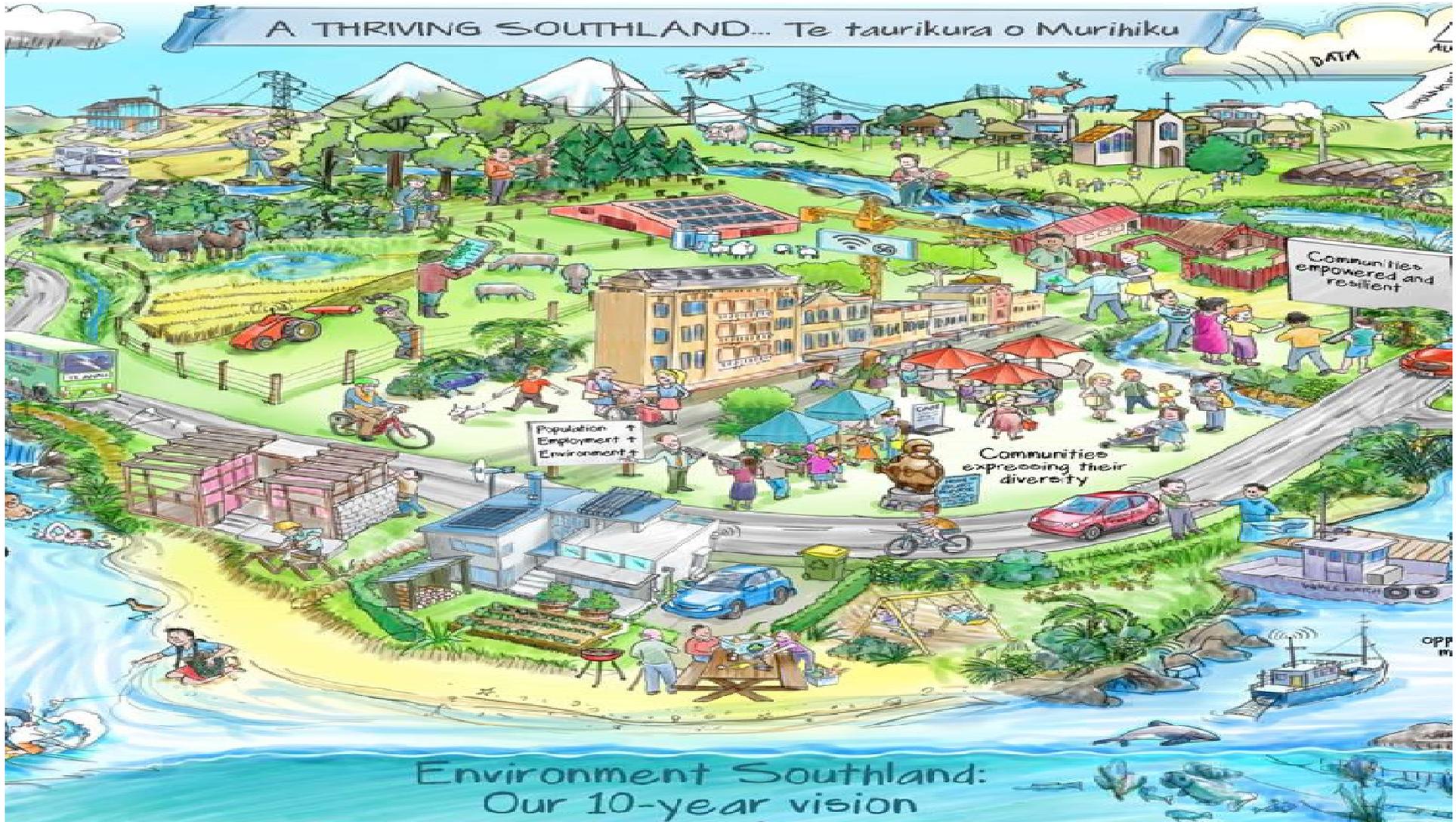
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# Workstreams



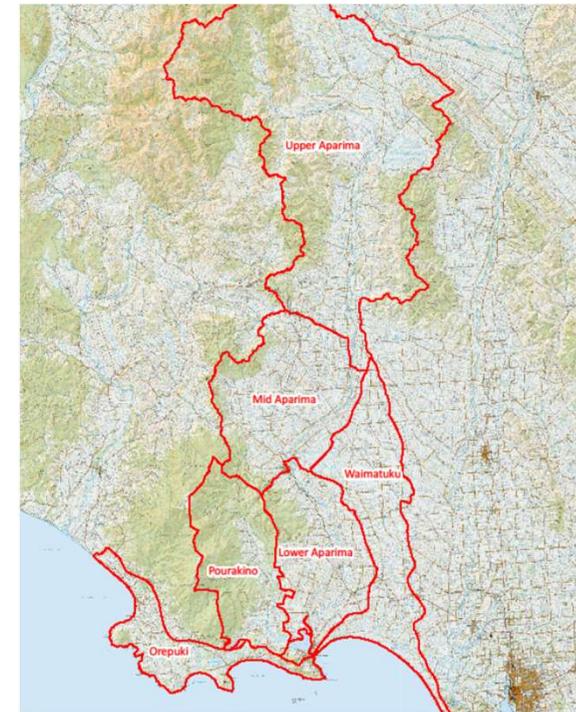
A THRIVING SOUTHLAND.. Te taurikura o Murihiku



Environment Southland:  
Our 10-year vision

# Aparima Community Environment Project

*A land manager led initiative to build the resilience of the Aparima Community and Environment*



# The changing face of science



# Southland Science Inc.





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# He Patai ?



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