

# Ecology of community

Māori understandings and values in relation to spatial data

**PhD Candidate:**

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**Supervisors:**

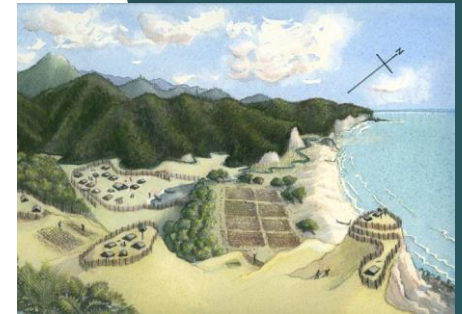
Dr. David Goodwin & Dr. Lynette Carter



# Background

A little bit of history







- **Māori probably arrived in NZ around 1300AD**
- **As numbers grew, competition for resources became more intense – cooperation was critical**
- **Māori managed and governed land and resources communally**
- **Pākehā perspective of land was as a commodity**
- **The two value systems often at odds, particularly through the Native Land Acts**
- **→ undermining the structure and cohesion of Māori society**





# Background

## Definitions of tenure

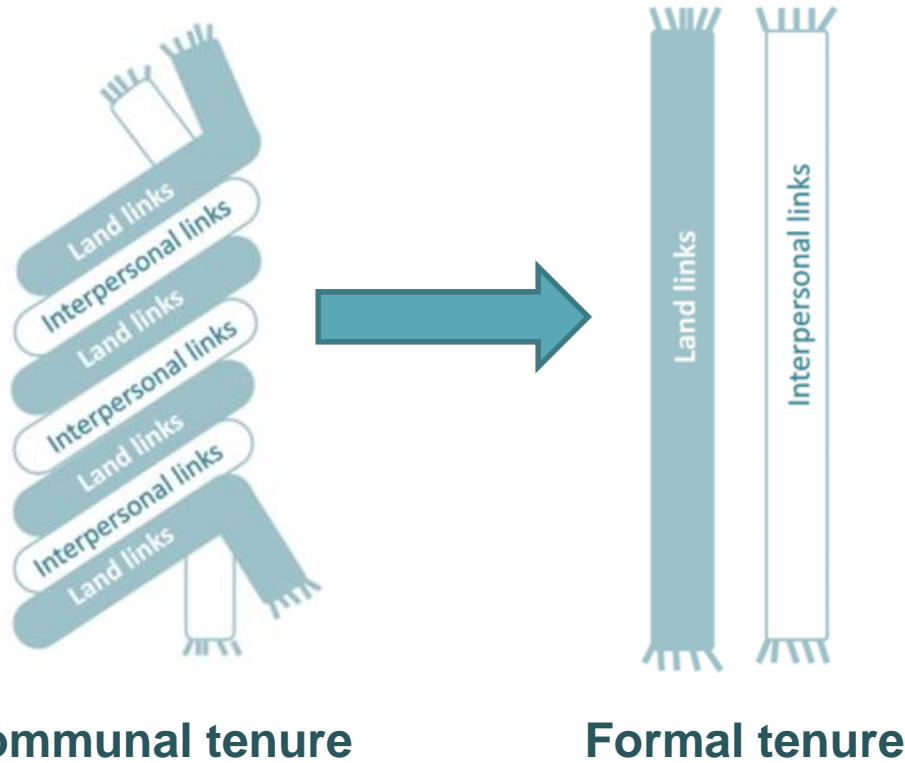
	Formal tenure	Communal tenure
Marketable land		
Exclusive rights		
Relationship between land rights & social responsibilities		





# Background

The strands of tenure (Goodwin, 2011)







# Research topic

and objectives

**Incorporating socially-based  
tenure principles in planning**

1. **Identify, categorise and rank principles of socially-based tenure**
2. **Review attempts at introducing socially-based tenure principles into housing and land development initiatives**
3. **Assess the mechanisms for achieving such developments in law, in the cadastre, and in practice**



# Findings

## Kaumātua Village, Hamilton

Joint venture between RKCT and TROK

Two stage development:

- Stage 1 (8 units)
- Stage 2 (6 units)

1-2 bdrm units, shared spaces, mixed parking



1. Provision of **communal spaces**
2. Opportunities for **visual and spatial linking**
3. **Work** contributing to a sense of belonging







# Findings

Whare Ora, Kaitaia

Communal village on the outskirts of Kaitaia

Currently includes 9 houses and a childcare centre building

Residents sign up to a rent-to-buy scheme

1. Provision of **communal spaces**
2. Supporting **self-determination** (for families to support themselves)
3. Provision for **sweat equity**







# Discussion

Implications and next steps

**Devise draft rankings, validate, repeat**

- **Funding**
  - Possibly leverage public money and philanthropic funding
- **When undertaking development**
  - Assist with making design decisions
- **Community life**
  - Create enduring communities

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