

Climate Resilient Māori Land

Investment decisions to enhance Māori prosperity

Pia Pohatu (*Ngāti Porou, Nga iwi ki Turanganui A Kiwa*)

He Oranga mo Ngā Uri Tuku Iho Trust

Shaun Awatere (*Ngāti Porou*) Manaaki Whenua

September 4 2017 Deep South Symposium



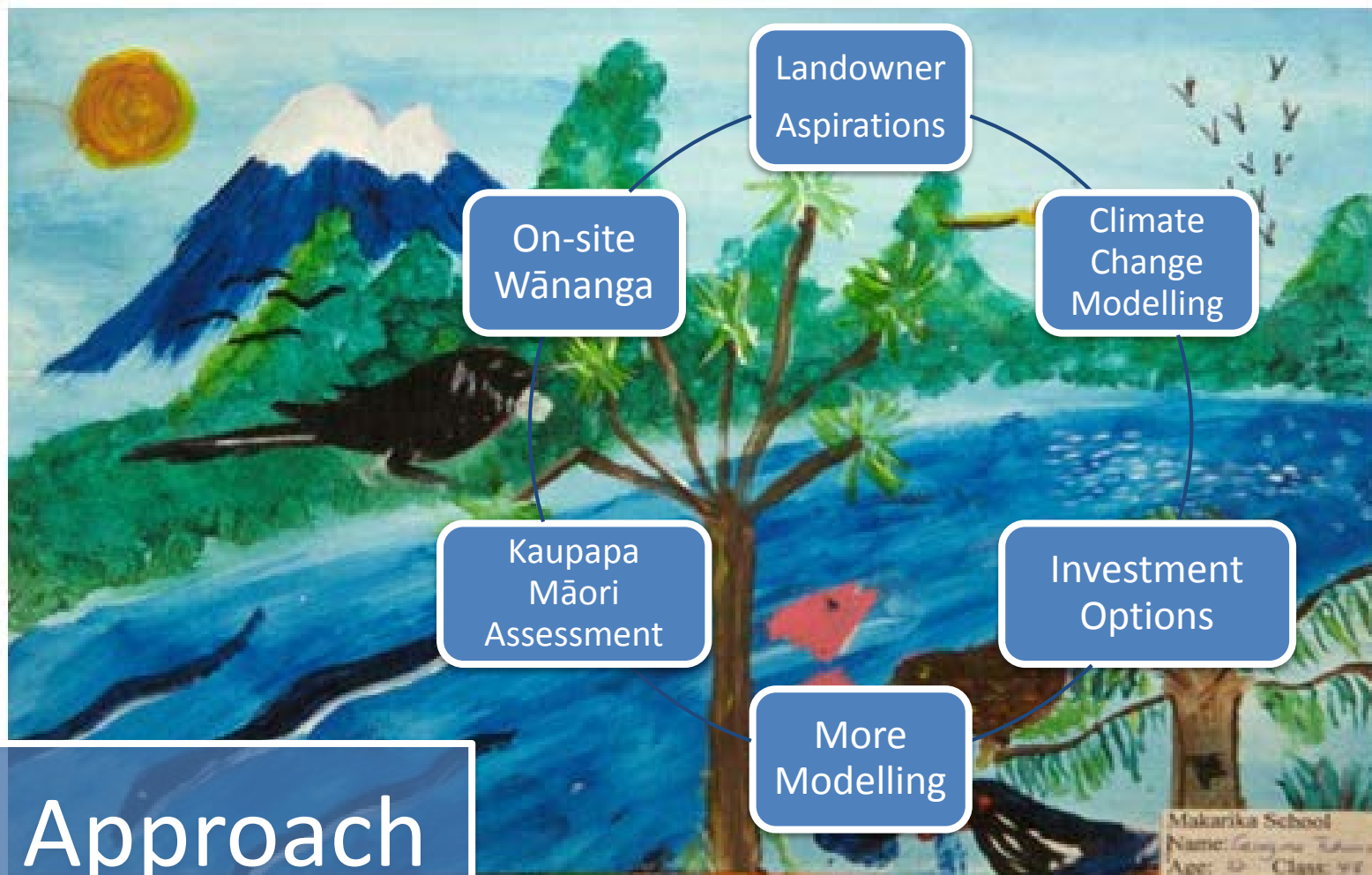
Team





Ko Waipū te awa





Approach





Wānanga





Investment
Opportunities



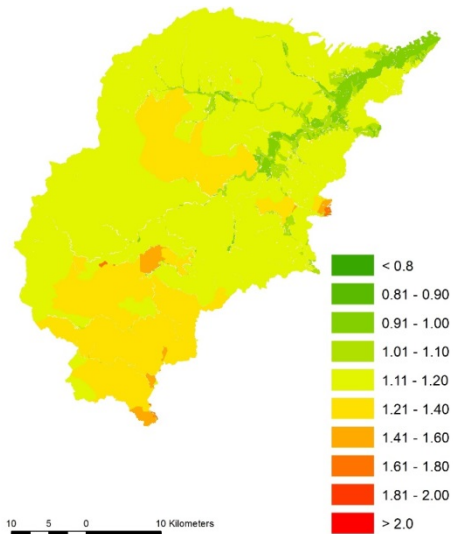


Erosion will
worsen

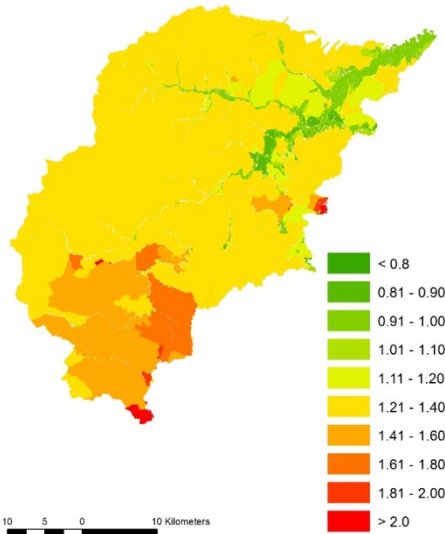


Climate Change Impacts on Soil Erosion (6 Model Ensemble Climate Model Projections)

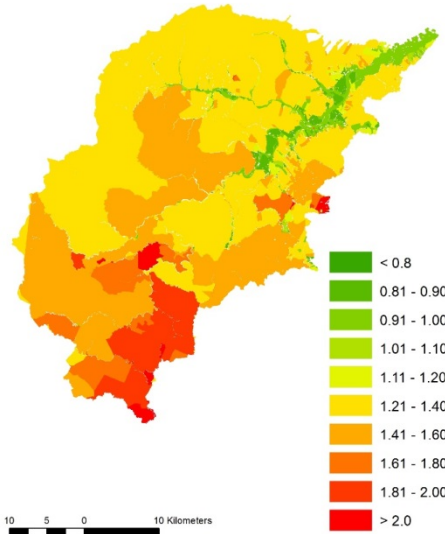
Waipuu Catchment Erosion Factors
RCP 2.6 Climate Scenario
6 Model Ensemble Projections
(2012 = 1.00)



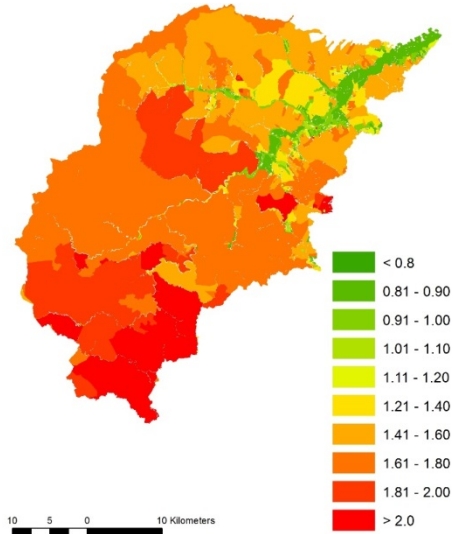
Waipuu Catchment Erosion Factors
RCP 4.5 Climate Scenario
6 Model Ensemble Projections
(2012 = 1.00)



Waipuu Catchment Erosion Factors
RCP 6.0 Climate Scenario
6 Model Ensemble Projections
(2012 = 1.00)



Waipuu Catchment Erosion Factors
RCP 8.5 Climate Scenario
6 Model Ensemble Projections
(2012 = 1.00)



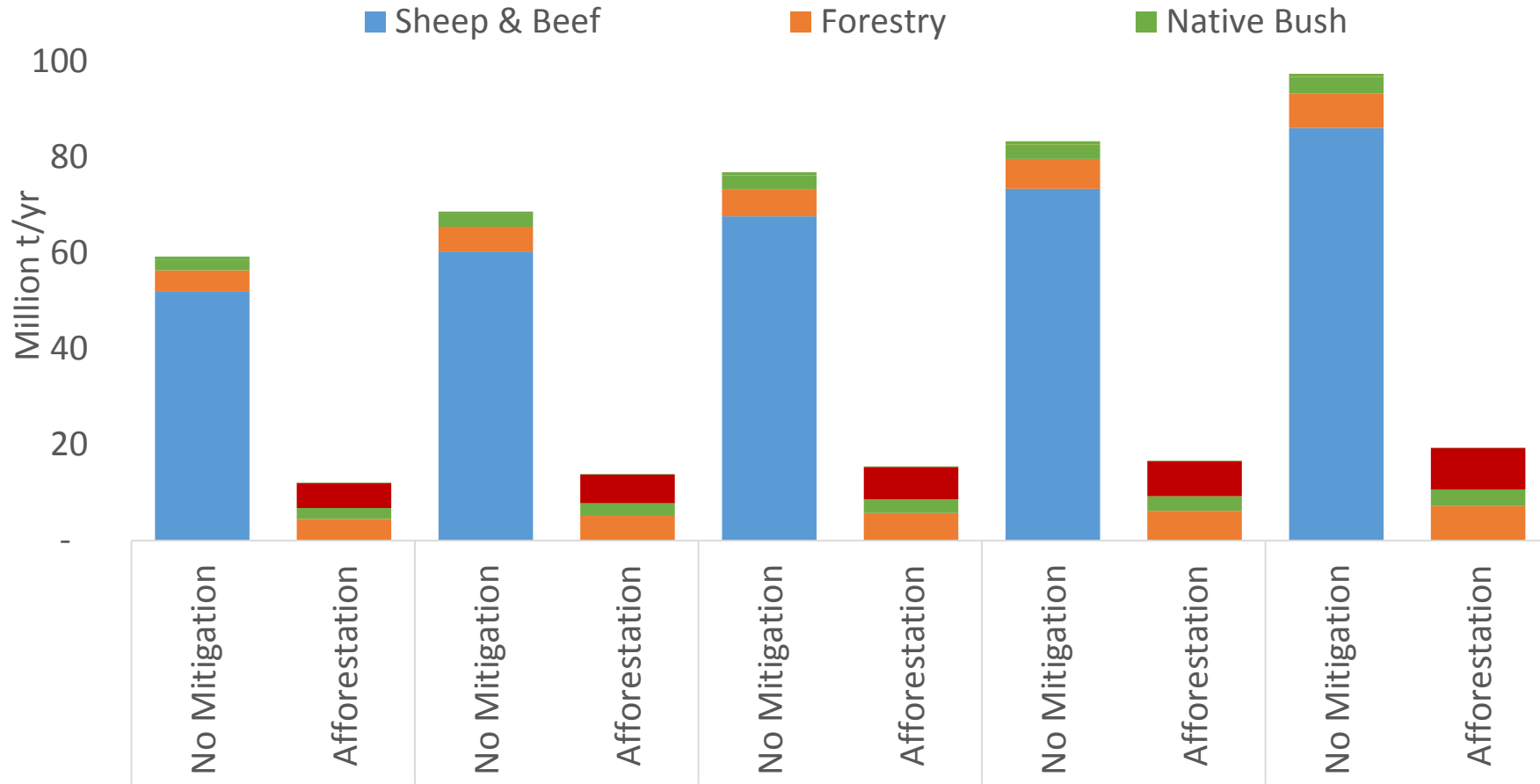


Plant more
trees



Total Waiapu Soil Erosion

**Manuka and Native
afforestation assumed to
reduce S&B erosion by 90%**



Criteria		Baseline	Afforestation 1	Afforestation 2	Afforestation 3
Kaitiakitanga	Mahinga/Maara Kai				
	Ngā Wai Tipuna				
	Wāhi Tapu/Taonga	tbc			
	Ngā Otaota Māori				
Manaakitanga	Whanaungatanga				
	Education				
	Partnerships				
Whakatipu Rawa	Intergenerational Investment				
	Labour FTEs				
	Whakapūmautanga				

KM Evaluation





Whakatipu rawa mā ngā uri
whakatipu