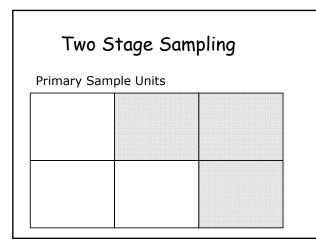


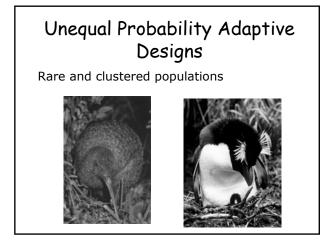
Adaptive sampling • Unequal probability sampling where the decision on the final sample weight is made as new information comes to hand

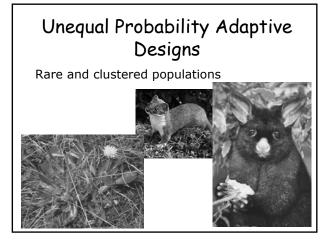
...

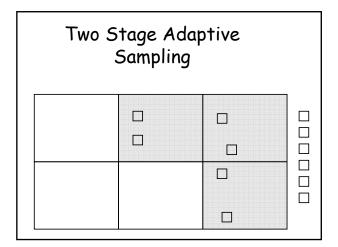
Two Stage Sampling							
Primary Sample Units							

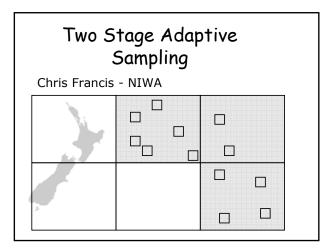


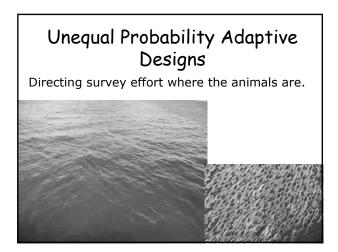
Two Stage Sampling
Secondary Sample Units within Primary Units

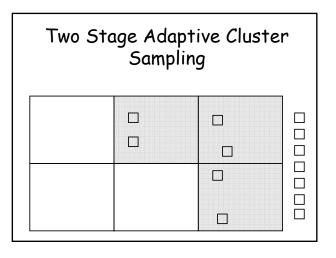


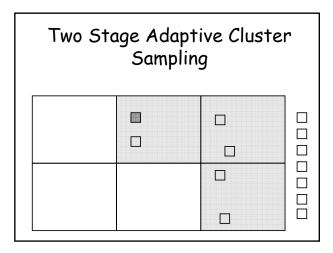


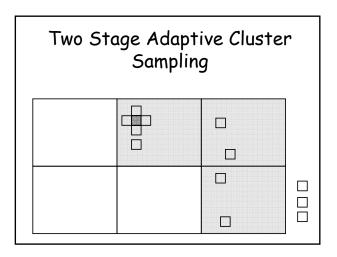


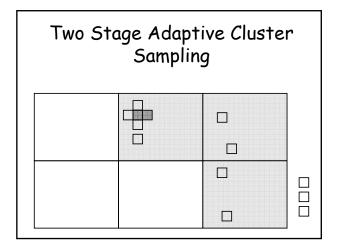


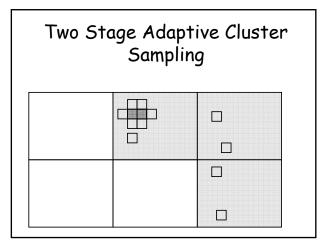


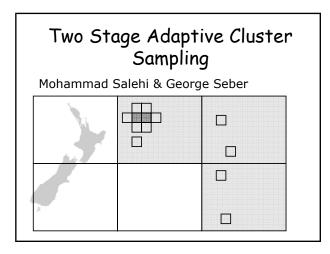


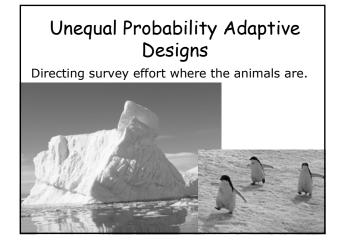


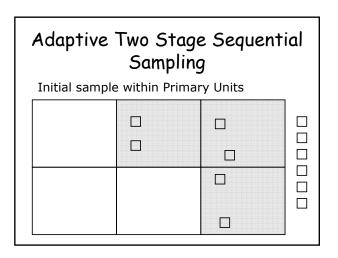


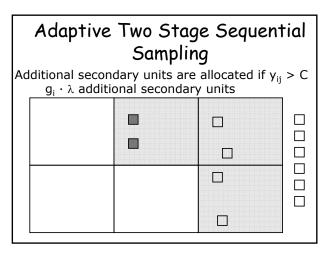


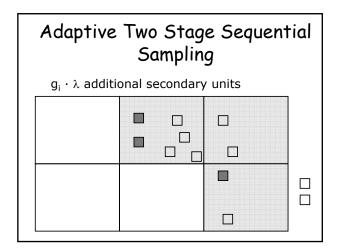


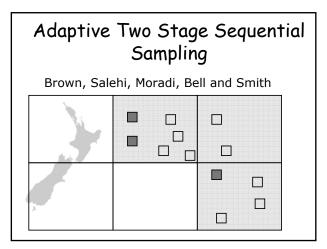


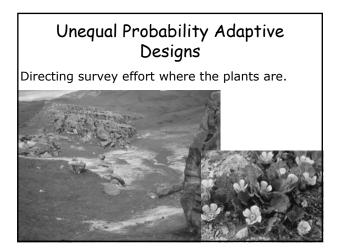




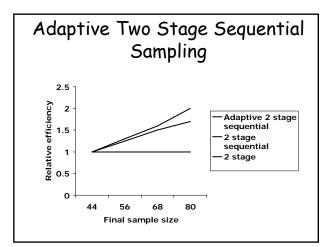


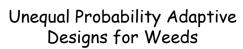




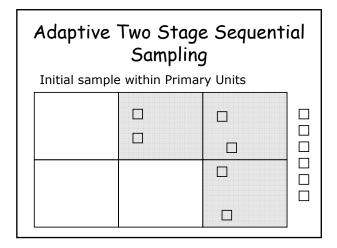


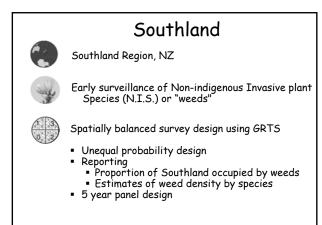
Adaptive Two Stage Sequential Sampling								
Blue winged teal								
	2 12 4	103 10	7144 150	6339 6	122 14	3		
			3	2		2		





- Direct survey effort where plants or animals are
- Divide up the area
 - Strata or primary sample units
- Use an adaptive design
 - Have a lot of additional effort to allocate to where the species is found
 - Maximise flexibility for allocating additional effort

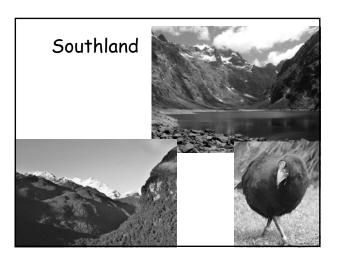


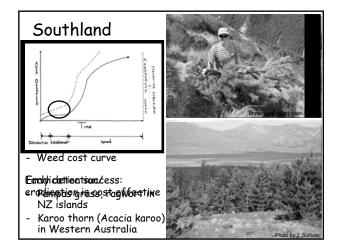


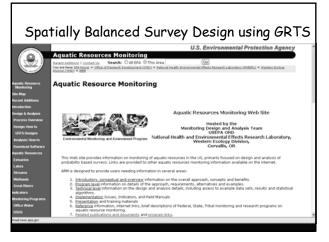
Southland

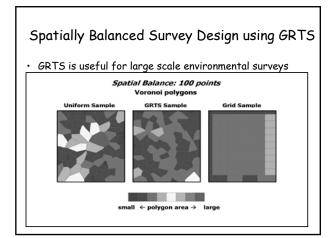
- 3,000,000⁺ hectares
- 100,000⁻ people
- Farming, forestry, & horticulture
- Fiordland & Rakiura N.P.
- Indigenous tussock grasslands, rugged coast, glaciers, alpine forest, wetlands, rivers, lakes

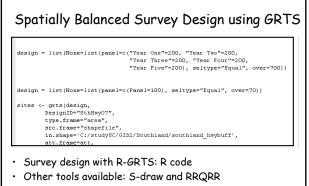




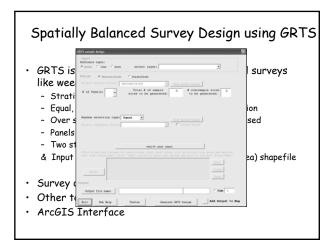


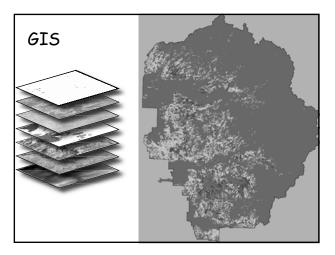


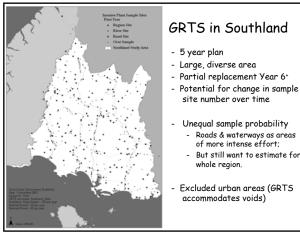




ArcGIS Interface







Roads & waterways as areas of more intense effort; But still want to estimate for

