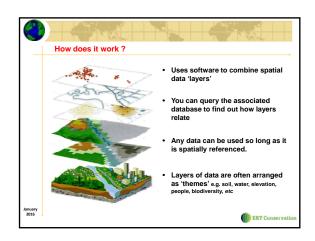
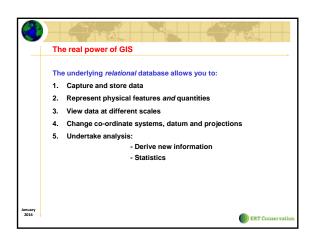
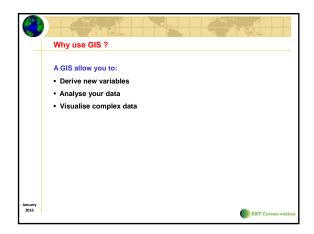
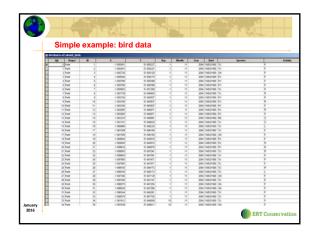
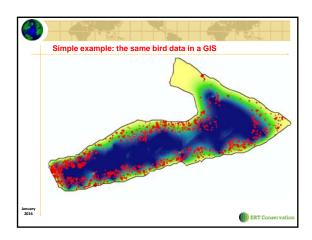
	~ GIS overview ~	
	A map and so much more !!	
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	GIS: a brief development history	
	Technology led developments !!	
	1960s: first GIS in Canada	
	1970s: theoretical concepts in spatial data handling developed	
	1980s: big software companies emerge (e.g. ESRI) 1990s: GIS capability on PCs	
	2000s: data transfer on internet, satellite data availability, <u>FREEWARE</u>	
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	BUTwhat is a GIS ?	
	Definition	
	A system that merges <u>cartography</u> with <u>database</u> technology	
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	Querying your data (asking spatial questions)			
	Query for location			
	Identify all nature reserves with and without legal protection Query for condition			
	Calculate species richness for reserves with and without legal protection			
	Query for trend			
	Calculate population declines between 1980 and 2010 for species in reserves with and without legal protection			
	Query for pattern			
	Calculate habitat fragmentation in zones 1km, 10km and 50km outside reserves with and without legal protection			
	Query to develop models			
January	What are the significant human and landscape factors that determine species richness in reserves			
2016	ERT Conservation			

