Key elements of marine reserve design

Biodiversity	Ensure maintenance of the ecosystems
Connectivity	Ensure ecological connectivity between sites
Replication	Conserve multiple sites, not just one
Viability	Ensure the size and spacing of reserves is adequate
Representivity	Multiple sites must contain a wide range of species and functions to allow for uncertainty or natural variation in populations
Sustainable use	Include other potential uses in designing the areas (e.g, fishing)