



### Content

- *Water Cycle (catchment scale): rainfall in upper catchments, waterways, storm water drainage with eventual discharge to the bay.*
- *History and function of wetlands: primary production and biodiversity, natural water treatment.*
- *Nutrient cycle (wetland scale), water nutrients, plant uptake, food chain, deposition and decomposition. The relevance of wetlands to the future of our urban existence. Human intervention, learning from our mistakes.*

### Birds

- *Stories of birds and the wetlands*
- *Breeding and migration; wetlands as part of the global route.*

### Animals & Reptiles

- *Native wetlands creatures*
- *Kangaroos- a residency*
- *Intruders; foxes, dogs and cats*
- *Snakes*

### Flora

- *Plants: large and small*
- *Plants: food and refuge*

### Life beneath the water's surface

- *What biodiversity lies within the water: fish, plants and microscopic life forms*
- *The nature and quality of mud (where water meets the earth) peat, clay, sand. What life lies within?*

