#162 Effect of erosion (water) on soil condition - DRAFT

- **soil (sodic)**
  - ↑ compaction
  - ↑ waterlogging

- **landform directing water movement**
  - ↑ erosion (sheet)
  - ↑ erosion (gully)
  - ↑ erosion (mass)
  - ↑ erosion (tunnel)

- **management (machinery use)**
  - ↑ erosion (runoff)
  - ↑ sedimentation
  - ↓ ecosystems (aquatic)

- **climate change (changing rainfall patterns)**
  - ↓ soil cover
  - ↓ soil health
  - ↓ plant vigour

- **lack of knowledge (management in variable climates)**
  - ↓ seed banks
  - ↓ nutrient (runoff)
  - ↓ value (conservation)

- **vegetation clearance**
  - ↓ ecosystems (aquatic)

- **lack of knowledge (stock and pasture management)**
  - ↓ stock (health)

- **land use change (agriculture to rural living)**
  - ↑ pest flora

- **regulatory requirement (soil condition)**
  - ↓ business viability

- **land management (current practice)**
  - ↑ cost (remediation)
  - ↑ cost (engineering solutions)

- **technical complexity (rehabilitation)**
  - ↑ cost (production)
  - ↑ cost (pest control)

- **cost (production)**
  - ↓ stock (health)

- **value (conservation)**
  - ↓ ecosystems (aquatic)

- **social and economic drivers**
  - ↓ business viability

- **natural resources consequences**
  - ↓ business viability

- **flow-on social and economic consequences**
  - ↓ business viability

**LEGEND**
- Red: Social and economic drivers
- Green: Natural resources consequences
- Blue: Flow-on social and economic consequences