



Coasts and Estuaries

Core Services – What do we do?

Streamology delivers specialist geomorphic and water related services for the coastal and estuarine environments along with the tools to support land managers in strategic decision making.

Streamology provides process based functional assessments, including linking change to climatic and land use change both now and into the future.

Streamology undertakes geomorphic and water related analysis within a multidisciplinary framework and is adept at bridging the gaps between engineering and science with planning for the future.

Innovation in Coasts & Estuaries

Streamology has developed a range of innovative and industry leading guidelines and tools such as:

- Victorian Guideline for Modelling the Interaction of Catchment and Coastal Flooding
- Coastal Hazard Vulnerability and Risk Assessment Guidelines
- Tide gauge trigger levels for coastal adaptation planning



Capabilities:

- Coastal and estuary geomorphological and sediment investigations
- Estuary environmental flow assessments
- Development of guidelines & standards for coastal erosion & flood assessments
- Coastal hazard vulnerability and risk assessments
- Climate change risk assessments, adaptation, and resilience planning
- Estuary and coastal management plans
- Advice on approaches and project scoping for climate change and coastal hazard assessments
- Science and engineering communications including StoryMaps and social media
- Drone erosion and vegetation monitoring and assessment



Leading the development of tools guidelines & monitoring techniques applied to coastal & estuary environments

