



Water Monitoring

NSW Public Works Manly Hydraulics Laboratory (MHL) provides environmental data collected from over 1000 monitoring stations to clients, stakeholders and the public, enabling:

- Natural resource managers to make timely and informed decisions based on real-time data
- Agencies and the community to be abreast of emergency situations i.e. floods, storms events, and water quality incidents.

Services Provided

NSW Public Works MHL has considerable field expertise, which complements its analytical and investigation roles, with the ability to work safely and effectively in both the marine and freshwater environments. Our environmental data collection and analysis capabilities include:

- wind
- waves
- currents
- tides and floods
- groundwater
- tsunami
- stormwater
- water profiling
- summary statistics and trend analysis
- flow and discharge
- sediment sampling
- water sampling
- rainfall
- long-term water quality
- tidal ingress
- climate change impacts
- algal species
- macro-invertebrates
- data quality assurance

NSW Public Works MHL has undertaken data collection projects and managed large data collection programs across NSW, interstate and overseas. Data is collected in coastal environments, estuaries, groundwater, rivers and inland water bodies. NSW Public Works MHL specialises in finding solutions to challenging problems, providing strategic advice on monitoring networks, providing real time data via the Internet, and developing decision support tools to assist natural resource managers.

Benefits

NSW Public Works MHL's services combine extensive field capability with scientific, engineering and information technology expertise to provide clients with a comprehensive solution.

