Public Works
Manly Hydraulics Laboratory

Marina and Port Investigations

NSW Public Works Manly Hydraulics Laboratory (MHL) undertakes investigations for the design, operation and maintenance of marinas and boat harbours. These investigations are carried out by highly trained staff using sophisticated physical and numerical models, often interfaced with detailed environmental data monitoring programs.

Services Provided

During NSW Public Works MHL's 60 years of operation, more than 60 technical reports have been issued on marina and port projects throughout Australia. The studies can be broadly grouped into environmental monitoring (winds, waves, currents and water levels), concept and structural design (breakwater alignments, navigation, berthing layouts, launching facilities and land-based services), environmental parameters (water quality, sedimentation, stormwater and other pollutant loadings), performance assessment (diver inspections, wave attenuation, navigability and foreshore stability), and complimentary foreshore beautification works.

Benefits

NSW Public Works MHL delivers innovative marine design solutions which meet the client's needs.

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