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Upland peat swamps hydrological monitoring and modelling

Environmental economics

Big Swamp cost benefit analysis

Cooperook Swamp cost benefit analysis

Key fish habitat offsets: ecosystem services approach

Site level Environmental Economic Accounting for blue carbon restoration projects

Coastal processes

NSW Beach Profile Database

Eurobodalla coastal hazard study

Coastal tailwater levels: Adventure Bay and Snug Bay

Lake Illawarra entrance channel management study

Sea level rise impacts at Margate, Tasmania

Numerical modelling in estuaries

Manly Lagoon hydrodynamic modelling

Tuckean Swamp hydrology and hydrodynamic study

Botany Bay stormwater modelling

Port Stephens – sewage overflow impacts to oysters

Hastings River - sewage overflow impacts to oysters

Sewage overflow impacts on oyster harvest areas in NSW estuaries

Plume dispersion

Merimbula outfall – dye tracing experiment

Burwood outfall - modelling and marine assessment

Cooks River dye tracing

Publications

Selected journal and conference papers

Waddington, K., **Harrison, A.J.**, Rayner, D.S.