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COASTAL RISK SPECIALISTS

OMCN was established in 2019 with the goal of reducing our clients financial exposure to risks associated with sea level rise.



SERVICES

All services provided by OMCN use the most up to date peer-reviewed climate science and sea level rise projects.

Coastal Risk Assessments

An OMCN coastal risk assessments provides property owners/buys valuable insights into their property's vulnerability to sea level rise. The assessments address the following:

Sea Level Rise

At OMCN sea level rise is our niche, and we use the most up to date scientific data and predictions to forecast the local impacts on your property.

Coastal Inundation

As the sea level increases so too does the risk of coastal inundation. Our reports assess local storm surge recurrence intervals and combine them with projected sea level rise scenarios to determine both current and future coastal inundation risk. Bathtub modeling is used to map the vulnerability of your land to inundation allowing you to plan appropriately to protect key infrastructure.

Coastal Erosion

Coastal erosion and landward recession is predicted to increase due to sea level rise and increased storm severity associated with climate change. Our reports analyse your property's erosion risk utilising historical erosion rates combined with current erosion characteristics and projected sea level rise scenarios.

Coastal Risk Timeline

Our coastal risk assessments provide a succinct timeline outlining your property's coastal risk profile over the next 20, 50 and 80 years.

Coastal Hazard Vulnerability Assessments (CHVA)

Coastal hazard vulnerability assessments are required in Victoria under "Planning Practice Note I 53" and contain the same information as presented in a coastal risk assessment. The OMCN team have considerable experience completing CHVAs throughout the state.



Coastal Protection Plans

If an unacceptable risk is identified within a coastal risk assessment our team will use their extensive experience in coastal management to undertake a first pass options assessment on viable protection options for your property.