



# Hotspot Coastal Adaptation and Protection Grants

## Past grants awarded

### Hotspot Coastal Adaptation and Protection Grants (2021/2022)

Total: **\$2,000,000**

Recipient	Project	Description	Grant
Rottnest Island Authority	South Thomson Bay - Revetment Design and Construction	Coastal structure design and construction at the South Thomson Bay coastal erosion hotspot	\$1,770,000
City of Albany	Emu Point - Groyne Field Design Optimisation	Design optimisation of rock groynes on the western end of the Emu Point coastal erosion hotspot	\$230,000



# Coastal Adaptation and Protection Grants

## Past grants awarded

### Coastal Adaptation and Protection Grants (2021/2022)

Total: **\$1,056,540**

Recipient	Project	Description	Grant
City of Bunbury	Maintenance of Leschenault Inlet inner training walls	Coastal structure design for refurbishment of Leschenault Inlet training walls	\$20,000
City of Busselton	Coastal monitoring (year 9)	Coastal data collection including aerial photos, site photos, beach surveys	\$45,000
City of Busselton	Mitigation of coastal flooding	Risk assessment of coastal flooding through inspection of stormwater outlets and coastal dunes	\$25,000
City of Busselton	Sand nourishment	Sand nourishment of public foreshore along Geographe Bay such as Dunsborough and Broadwater	\$50,000
City of Cockburn	C Y O'Connor Beach engineered fringing reef	Installation of nearshore engineered reef modules as coastal management trial	\$214,349
City of Fremantle	South Beach and Bathers Beach coastal monitoring program	Coastal data gathering and data analysis of previously available data	\$44,750
City of Fremantle and Town of Mosman Park	Port, Leighton and Mosman beaches coastal monitoring program – 2021/2022 data collection	Collection of site and remote time-lapse photos, beach surveys and storm monitoring	\$18,750
City of Greater Geraldton	Monitoring coastal hotspots	Periodic beach surveys at all of the City's coastal erosion hotspots	\$19,000
City of Joondalup	Coastal monitoring program 2021-22	Collection of site photos, shoreline movement and beach surveys data	\$24,908
City of Joondalup	Sand bypassing program 2021-22	Sand bypassing from Sorrento Beach to Hillarys Beach	\$89,800

City of Stirling	City of Stirling coastal monitoring	Coastal data collection program from Brighton Beach to Watermans Bay	\$30,000
City of Stirling	Mettams sand nourishment	Sand nourishment at Mettams Pool	\$190,000
City of Wanneroo	Aerial coastal survey of beaches and coastal structures	Aerial LiDAR survey of the City's coastline and coastal structures	\$22,905
City of Wanneroo	Installation of remote monitoring cameras for ongoing coastal monitoring	Installation of five remote photo monitoring points at Quinns Beach and Yanchep	\$12,500
Peron Naturaliste Partnership	Beach profile surveys and sediment sampling	Collection of beach surveys and sediment analysis at various locations within 9 local governments area	\$15,300
Rottnest Island Authority	Coastal Hazard Risk Management and Adaptation Plan (CHRMAP) for Rottnest Island	Coastal hazard assessment for Rottnest Island to support development of complete CHRMAP for Rottnest Island	\$25,000
Shire of Augusta Margaret River	Gnarabup Beach sand nourishment	Sand nourishment at Gnarabup Beach	\$15,000
Shire of Augusta and Margaret River	Geophysical assessment – Augusta South	Geophysical assessment at Augusta South, covering approximately 2.5km of coastline	\$25,000
Shire of Broome	Cable Beach protection detailed design	Detailed design of buried coastal structure at Cable Beach	\$68,988
Shire of Broome and Nyamba Buru Yawuru	Shoreline monitoring of Broome townsite	Beach surveys using UAV and collection of site photos	\$13,515
Shire of Denmark	Ocean Beach retaining wall maintenance and refurbishment	Structure condition inspection, detail design and construction to maintain and refurbish retaining wall at Ocean Beach	\$55,775
Shire of Gingin	Interim adaptation solution for managing erosion at Lancelin	Sand nourishment at Grace Darling Park in Lancelin	\$31,000

## Coastal Adaptation and Protection Grants (2020/2021)

Total: **\$1,056,540**

Recipient	Project	Description	Grant
City of Cockburn	Cockburn Sound coastal survey	Hydrographic survey and beach scanning from Bathers Beach to Cape Peron	\$48,500
City of Fremantle	Port Beach coastal adaptation detailed design and report	Sand nourishment investigation detailed design and final report update	\$13,385.50
City of Fremantle & Town of Mosman Park	Port, Leighton and Mosman beaches coastal monitoring program – 2020/2021 data collection	Collection of site and remote time lapse photos, beach surveys, sediment samples and storm monitoring	\$18,750
City of Joondalup	Coastal monitoring program 2020-2021	Collection of site photos, time lapse photos, shoreline movement and beach profile surveys of City's coastline	\$18,518.50
City of Joondalup	Sand bypassing program 2020-21	Sand bypassing from Sorrento Beach to Hillarys Beach	\$75,000
City of Rockingham	Coastal survey – Cape Peron to Singleton	Hydrographic survey and beach scanning from Cape Peron to Singleton	\$37,437.50
City of Wanneroo	Aerial survey of beaches and coastal structures	Aerial laser scan survey of the City's coastline and coastal structures	\$21,711
City of Wanneroo	Beach renourishment sand sourcing feasibility study	Investigate future sand nourishment sources, understand the associated potential environmental impacts and approval requirements	\$20,000
City of Wanneroo	Quinns Beach and Yanchep Lagoon sand re-nourishment	Sand nourishment	\$150,000
Peron Naturaliste Partnership (PNP)	Regional coastal monitoring program – review and analysis	Review of PNP coastal data and methodology	\$30,000
Shire of Broome and Nyamba Buru Yawuru	Shoreline monitoring of Broome townsite	Beach surveys and collection of site photos	\$12,500
Shire of Esperance	Esperance Bay coordinated dredging and sand back passing trial	Sand nourishment trial utilising pumped dredged material	\$300,000

Shire of Gingin	Condition assessment of Ledge Point and Guilderton Groynes	Coastal structure inspection, maintenance options and cost estimate	\$13,450
Shire of Gingin	Gingin coastal erosion hotspots monitoring project	Obtain oblique aerial imagery, vertical aerial imagery and complete photogrammetry analysis	\$19,835
Shire of Murray	Coastal Hazard Risk Management and Adaptation Planning	Coastal hazard assessment for Peel Harvey Estuary	\$50,000
Town of Port Hedland	Protecting Hedland – coastal seawalls project – West End	Detail design and construction of seawall at West End	\$227,452.50

## Coastal Adaptation and Protection Grants (2019/2020)

Total: **\$1,056,540**

Recipient	Project	Description	Grant
City of Albany	Emu Point to Middleton Beach coastal adaptation and protection strategy	Beach monitoring and coastal zone data collection	\$53,480
City of Busselton	Beach monitoring (Year 7)	Collection of beach profile surveys, aerial and site photos, and detailed aerial survey from Geographe Bay to Cape Naturaliste	\$51,000
City of Fremantle	Port Beach coastal adaptation option design	Detail design of preferred coastal adaptation option with community and stakeholder's consultation	\$50,000
City of Fremantle & Town of Mosman Park	Port, Leighton and Mosman beaches coastal monitoring program (Year 2)	Collection of site and remote time lapse photos, beach surveys, sediment samples and storm monitoring	\$12,500
City of Greater Geraldton	Wave and current data collection at Sunset Beach	Wave and current measurement off Sunset Beach for six months by two instruments	\$31,270
City of Joondalup	Coastal monitoring program 2019-2020	Collection of site photos, remote time lapse photos, shoreline movement and beach profile surveys	\$24,450
City of Joondalup	Sand bypassing 2019-2020	Sand bypassing from Sorrento Beach to Hillarys Beach	\$75,000
City of Rockingham	Coastal monitoring	Coastal data collection including beach surveys	\$32,500
City of Rockingham	Point Peron spur groyne modification and upgrades	Review of data associated with Point Peron spur groyne and prepare concept and detail design for the groyne upgrade	\$37,500
City of Wanneroo	Provision of aerial survey services for beaches and coastal structures	Aerial LiDAR survey of the City's coastline and coastal structures	\$21,600
City of Wanneroo	Quinns Beach long term coastal management stage 2 – extension of Groyne 3 and beach renourishment	Extension of Quinns Beach groyne 3 by 15m, beach renourishment works, dune rehabilitation and clean up	\$300,000
City of Wanneroo	Quinns Beach and Yanchep Lagoon renourishment	Sand nourishment at Quinns Beach and Yanchep Lagoon	\$88,785

Peron Naturaliste Partnership (PNP)	'CoastSnap' community monitoring and analysis	Implementation of first 'CoastSnap' project in WA at nine locations between Rockingham and Busselton	\$35,150
Shire of Broome	Town Beach geotechnical and erodibility study	Geotechnical investigation followed by development of coastal adaptation options	\$30,000
Shire of Broome and Nyamba Buru Yawuru (NBY)	Shoreline monitoring of Broome townsite	Shoreline monitoring of Broome townsite	\$12,000
Shire of Esperance	Esperance Bay sand renourishment	Annual sand nourishment along Norseman Road	\$150,000
Shire of Gingin	Shire of Gingin coastal inundation study	Coastal inundation investigation and impact assessment on Shire of Gingin's coastal townsites	\$29,305
Shire of Shark Bay	Denham coastal monitoring	Photo monitoring, beach survey and documentation of active coastal management activities.	\$11,000
Town of Cottesloe	Coastal monitoring to improve understanding of long-term coastal change (Year 6)	Continuation of coastal data collection including beach surveys, remote photo monitoring and data analysis	\$11,000

## Coastal Adaptation and Protection Grants (2018/2019)

Total: **\$1,056,540**

Recipient	Project	Description	Grant
City of Albany	Emu Point to Middleton Beach coastal adaptation and protection strategy	Beach monitoring and coastal zone data collection	\$60,163
City of Busselton	Beach monitoring (year 6)	Collection of beach profile surveys, aerial photos and site photos at Geographe Bay	\$26,000
City of Busselton	Sand nourishment (year 6)	Sand nourishment along Geographe Bay	\$55,000
City of Busselton	Maintenance of Craig Street groyne and seawall	Maintenance of Craig Street coastal protection structure	\$125,000
City of Busselton	Broadwater Beach Coastal Adaptation	Relocation of vulnerable public assets and shoreline stabilisation investigation	\$75,000
City of Cockburn	North Coogee (Rollinson Rd) beach nourishment	Sand nourishment north of Catherine Point groyne	\$47,500
City of Fremantle	Port Beach asset condition assessment, analysis and development of management/maintenance program.	Investigation and assessment of coastal protection structures, maintenance/management program, adaptation options	\$40,000
City of Fremantle & Town of Mosman Park	Port, Leighton and Mosman beaches coastal monitoring program establishment and Year 1 data collection	Coastal and photo monitoring. Data register to collate and acquire long-term information	\$25,000
City of Greater Geraldton	Whitehill Road sand nourishment	Sand nourishment at Whitehill Road Foreshore	\$52,658
City of Joondalup	Sand Bypassing 2018-19	Sand bypassing from Sorrento Beach to Hillarys Beach	\$75,000
City of Joondalup	Coastal monitoring program 2018-19	Collection of site photos, time lapse photos, shoreline movement and beach profile surveys at City coastal line	\$14,600
City of Mandurah	Mandurah AWACs and wave buoy data collection review and analysis 2013-2018	Documentation and analysis of oceanographic datasets collected from 2013 to 2018	\$20,000
City of Stirling	Adaptation plan and defensive works at Mettams Pool, Trigg	Investigation of adaptation options for public infrastructures	\$60,000
City of Wanneroo	Quinns Beach renourishment	Sand nourishment at Quinns Beach	\$125,000



Shire of Ashburton	Coastline dynamics, coastal infrastructure impacts, and erosion hotspots along the Ashburton coast	Shoreline and coastal geophysical surveys, sediment collection and shoreline movement analysis	\$40,000
Shire of Broome and Nyamba Buru Yawuru (NBY)	Shoreline monitoring of Broome townsite	Shoreline monitoring of Broome townsite	\$14,750
Shire of Broome	Geotechnical investigation and adaptation design	Geotechnical investigation to improve understanding of the presence of rock formations under the main dune system	\$40,000
Shire of Denmark	Ocean Beach and Peaceful Bay coastal monitoring and investigation	Coastal monitoring and geotechnical survey	\$25,000
Shire of Esperance	Esperance Bay sand renourishment	Sand nourishment along Norseman Road	\$110,000
Shire of Northampton	Preparation of a coastal hazard assessment	Coastal hazard assessment at Horrocks	\$10,020
Town of Cottesloe	Coastal monitoring to improve understanding of long-term coastal change (Year 5) and post storm monitoring	Continuation of the collection of beach surveys, remote photo monitoring and data analysis	\$15,849

## Coastal Adaptation and Protection Grants (2017/2018)

Total: **\$756,540**

Recipient	Project	Description	Grant
City of Albany	Emu Point to Middleton Beach Coastal Adaptation and Protection Strategy	Beach monitoring, coastal zone data collection and coastal protection structures maintenance	\$65,128
City of Busselton	Beach Monitoring (Year 5)	Collection of beach profile surveys, aerial photos and site photos at Geographe Bay	\$26,000
City of Joondalup	Coastal Monitoring Program 2017-18	Collection of beach profile surveys, remote and site photo monitoring and shoreline mapping of City's coastline	\$18,700
City of Stirling	Geophysical Investigation to Determine Location of Underlying Rock Profile	Geophysical investigation to determine extent of competent rock	\$60,000
City of Wanneroo	Quinns Beach Long Term Coastal Management - Groyne 4 Construction Works	Construction of Groyne 4 at Queenscliff Park	\$299,212
City of Wanneroo	Two Rocks Beach Access Design and Construction	Design and construct beach access north of Two Rock boat harbour	\$125,000
Shire of Augusta Margaret River	Coastal Monitoring, Planning and Adaptation	Beach monitoring, planning and design for retreat of Prevelly-Gnarabup coastal walkway and beach access	\$50,000
Shire of Esperance	Esperance Bay Sand Nourishment	Sand nourishment along Norseman Road	\$85,000
Shire of Shark Bay	Denham Townsite CHRMAP	Coastal hazard assessment of Denham Townsite area	\$15,000
Town of Cottesloe	Coastal Monitoring to Improve Understanding of Long-Term Coastal Change (Year 4)	Continuation of the collection of beach surveys, remote photo monitoring and data analysis	\$12,500

## Coastal Adaptation and Protection Grants (2016/2017)

Total: **\$750,295**

Recipient	Project	Description	Grant
City of Albany	Emu Point to Middleton Beach Coastal Adaptation and Protection Strategy	Beach monitoring, coastal zone data collection, detailed coastal process assessment, and sand nourishment to implement sustainable planning	\$122,495
City of Busselton	Beach monitoring (year 4)	Collection of beach profile surveys, aerial photos and site photos at Geographe Bay	\$20,000
City of Busselton	Maintenance of coastal protection structures	Refurbish/repair/replace deteriorated structures	\$22,500
City of Busselton	Sand nourishment (year 4)	Sand nourishment at various locations along Geographe Bay	\$55,000
City of Busselton	Storm surge inundation and evacuation study	Develop evacuation plan for coastal inundation by identifying points of coastal inundation, vulnerable access, and evacuation routes	\$20,000
City of Greater Geraldton	Greys Beach to Cape Burney coastal inundation and processes allowance study	Inundation and erosion study to inform coastal management planning	\$20,000
City of Joondalup	Condition inspection and inventory audit of Coastal Protection Assets	Create inventory of coastal protection assets plus condition inspections to identify defects and hazards	\$40,000
City of Wanneroo	Quinns Beach long term coastal management - Construction Stage 1	Construction of selected adaptation option for Quinns Beach	\$300,000
Peron Naturaliste Partnership	Regional coastal monitoring project	Implement a coastal monitoring action plan, and train officers on monitoring techniques	\$50,500
Shire of Augusta Margaret River	Assessment of weakly lithified limestone cliffs	Geotechnical assessment and survey of local cliff areas	\$30,000
Shire of Esperance	Relationship between seagrass distribution and coastal erosion at Esperance	Collection of seagrass data and analysis of relationship between beach morphology and seagrass distribution	\$10,200

Shire of Harvey	Geotechnical investigations and hazard mapping review	Geotechnical investigation at Binningup foreshore for hazard mapping review	\$45,000
Town of Cottesloe	Coastal monitoring to improve understanding of long-term coastal change (year 3)	Continuation of the collection of beach surveys, remote photo monitoring and data analysis	\$14,600

## Coastal Adaptation and Protection Grants (2015/2016)

Total: **\$1,057,500**

Recipient	Project	Description	Grant
City of Albany	Emu Point to Middleton Beach coastal adaptation and protection strategy	Beach monitoring, data collection, repair to rock revetment and sand nourishment	\$54,543
City of Busselton	Busselton Coastal Management Program: Beach monitoring (Year 3)	Collection of beach profile surveys, aerial photos and site photos at Geographe Bay	\$20,000
City of Busselton	Busselton Coastal Management Program: Hydrographic survey	Offshore hydrographic survey of Geographe Bay including Dunn Bay sand bar and west of Busselton Jetty	\$21,000
City of Busselton	Busselton Coastal Management Program: Maintenance of coastal protection structures	Refurbishment of 2 timber groynes at Beachlands	\$70,000
City of Cockburn	C Y O'Connor Beach remediation	Sand nourishment of C Y O'Connor beach	\$75,000
City of Joondalup	Implementation of coastal monitoring	Establishment of monitoring schedule, remote photo monitoring, on ground photo monitoring and beach profiling	\$21,252
City of Wanneroo	Quinn's Beach long term coastal management stage 3 - detailed design	Collection of data, refinement of numerical model and development of detailed design for long term coastal adaptation options	\$65,000
City of Wanneroo	Quinns Beach renourishment works	Sand nourishment of Quinns beach in front of car park and dog beach as interim measure for long term adaptation	\$66,578
Department of Planning	LiDAR bathymetry survey of the WA coast between Two Rocks to Oakajee	Collection of baseline LiDAR bathymetry from Two Rocks to Oakajee	\$300,000
Shire of Augusta Margaret River	Prevelly Gnarabup coastal erosion investigation	Wave, water level and current data collection and photo monitoring to understand coastal erosion	\$44,000

Shire of Esperance	Esperance Bay sand renourishment	Sand nourishment at Norseman Rd	\$100,000
Shire of Gingin	Low impact interim adaptation solution for managing erosion at Lancelin	Sand nourishment of beach at Grace Darling Park Lancelin	\$37,500
Town of Cambridge	City Beach groyne maintenance stage 3	Stage 3 of City Beach groyne maintenance	\$167,627
Town of Cottesloe	Coastal monitoring to improve understanding of long term coastal change	Continuation of the collection of beach surveys, remote photo monitoring and data analysis	\$15,000

## Coastal Adaptation and Protection Grants (2014/2015)

Total: **\$1,057,500**

Recipient	Project	Description	Grant
City of Albany	Emu Point to Middleton Beach coastal adaptation and protection strategy	Continuation of current beach monitoring program	\$35,000
City of Busselton	Busselton Coastal Management Program: Beach monitoring (Year 2)	Continuation of beach monitoring from year one to develop a greater understanding of coastal erosion	\$26,250
City of Busselton	Busselton Coastal Management Program: Sand nourishment (Year 2)	Sand nourishment of various locations along Geographe Bay	\$52,500
City of Busselton	Busselton Coastal Management Program: Coastal structures review	Condition inspection of coastal structures along the Busselton coastline	\$26,750
City of Busselton	Busselton Coastal Management Program: Abbey Groynes 3,4 and 5 refurbishment	Refurbishment of three rock groynes at Abbey Foreshore	\$95,000
City of Busselton	Busselton Coastal Management Program: Broadwater Beach coastal investigation	Investigation to explore sustainable long term management options for the Broadwater Beach foreshore east of the existing groyne	\$31,500
City of Busselton	Busselton Coastal Management Program: Storm surge response study	Investigation to improve the understanding of the capacity to predict, assess the impacts of and respond to storm surge events	\$42,000
City of Busselton	Busselton Coastal Management Program: Locke Estate coastal protection stage 2	Works to stabilise the foreshore at Locke Estate	\$259,000
City of Cockburn on behalf of Cockburn Sound Coastal Alliance	Cockburn Sound Coastal Adaptation Planning project	Detailed reappraisal of the values of coastal assets at risk and detailed adaptation options including optimal timing for the implementation and monitoring needs for incorporation into coastal plans and planning documents	\$70,000
City of Mandurah on behalf of	Peron Naturaliste Region Coastal monitoring program	Develop and implement a sustainable long term monitoring	\$20,000

Peron Naturaliste Partnership		program for the PNP region to improve understanding of erosion hazards in the coastal zone	
City of Rockingham	Waikiki Foreshore adaptation and protection	Investigation to understand the causes of erosion at Waikiki Foreshore	\$30,000
City of Stirling	Beach profile surveying	Continuation of the collection of beach profile surveys from Trigg Island to south Sorrento	\$12,500
City of Wanneroo	Quinns Beach numerical modelling and development of long term coastal protection	Beach monitoring and data collection and numerical modelling to develop long term coastal management options for Quinns Beach	\$123,000
Shire of Esperance	Esperance Bay sand renourishment	Sand nourishment at Norseman Rd	\$100,000
Town of Cambridge	City Beach groyne maintenance stage 2	Stage 2 of City Beach groyne maintenance	\$120,000
Town of Cottesloe	Coastal monitoring to improve understanding long term coastal change	Collection of beach profiles and imagery to understand long term shoreline change	\$14,000



## Coastal Adaptation and Protection Grants (2013/2014)

Total: **\$1,055,500**

Recipient	Project	Type	Grant
City of Albany	Emu Point to Middleton Beach coastal adaptation and protection strategy	Adaptation planning	\$102,000
City of Busselton	Locke Estate coastal protection works	Adaptation	\$262,500
City of Busselton	Detailed beach and bathymetry survey	Monitoring	\$65,000
City of Busselton	Sand replenishment	Adaptation	\$50,000
City of Busselton	Beach monitoring	Monitoring	\$35,000
City of Cockburn	Relocation of dual use path at C.Y.O'Connor Reserve	Adaptation	\$50,000
City of Stirling	Beach profile surveying	Monitoring	\$12,500
City of Wanneroo	Quinns Rocks coastal management	Monitoring	\$50,000
Cockburn Sound Coastal Alliance	Cockburn Sound coastal values, risk assessment and adaptation planning project	Adaptation planning	\$150,000
Northern Agricultural Catchments Council	Coastal hazard risk management for Guilderton to Jurien Bay	Adaptation planning	\$95,000
Shire of Esperance	Esperance Bay sand replenishment	Adaptation	\$50,000
Shire of Manjimup	Windy Harbour foreshore photo-monitoring	Monitoring	\$13,500
Town of Cambridge	City Beach groyne maintenance	Maintenance	\$120,000

## Coastal Protection Grants (2012/2013)

Total: **\$1,053,500**

Recipient	Project	Type	Grant
City of Albany	Erosion protection at Emu Point	Investigation	\$47,500
City of Bunbury	Bunbury beaches condition investigation	Investigation	\$44,500
City of Busselton	Harvest Road groyne refurbishment	Construction	\$30,000
City of Busselton	Sand nourishment	Construction	\$25,000
City of Busselton	Timber groyne refurbishment	Construction	\$60,000
City of Cockburn	Beach profile surveying	Monitoring	\$11,500
City of Cockburn	Relocation of Path	Construction	\$25,000
City of Greater Geraldton	Beresford Foreshore coastal protection and enhancement project	Design	\$100,000
City of Mandurah	Coastal Monitoring	Monitoring	\$90,000
City of Rockingham	Pt. Peron coastal protection	Construction	\$265,000
City of Stirling	Beach profile surveying	Monitoring	\$15,000
City of Wanneroo	Quinns coastal investigation and review	Investigation	\$50,000
City of Wanneroo	Two Rocks coastal investigation and review	Investigation	\$50,000
Shire of Ashburton	Storm drain upgrade	Construction	\$50,000
Shire of Esperance	Norseman Rd. sand nourishment	Construction	\$150,000
Town of Cambridge	Coastal vulnerability study	Planning	\$40,000

## Coastal Protection Grants (2011/2012)

Total: **\$1,065,000**

Recipient	Project	Type	Grant
City of Albany	Erosion protection at Emu Point	Investigation and design	\$35,000
City of Busselton	Rock seawall refurbishment	Construction	\$150,000
City of Busselton	Locke Estate - future coastal work	Investigation and design	\$20,000
City of Cockburn	Catherine Point groyne repair	Construction	\$300,000
City of Geraldton-Greenough	Beresford design options	Investigation and design	\$50,000
City of Joondalup	Vulnerability Study - North of Hillarys	Investigation and design	\$30,000
City of Stirling	Scarborough to Sorrento Beach profile surveying	Investigation and design	\$25,000
Cockburn Sound (Consortium of local governments)	Cockburn Sound coastal adaptation pathways project	Investigation and design	\$70,000
Esperance Port Authority	Town Beach sand nourishment	Construction	\$45,000
Geraldton (University of Curtin)	Sediment transport study	Investigation and design	\$120,000
Point Peron to Naturaliste (Consortium of local governments)	Coastal adaptation decision pathways project	Investigation and design	\$50,000
Shire of Broome	Pindan cliff erosion protection options	Investigation and design	\$60,000
Shire of Carnarvon	Pelican Point remediation and protection	Construction	\$30,000

Town of Kwinana	Kwinana beach seawall repairs	Investigation and design	\$10,000
University of Western Australia	Statistical State-wide tropical cyclone database	Investigation and design	\$70,000

## Coastal Protection Grants (2010/2011)

Total: **\$1,085,389**

Recipient	Project	Type	Grant
City of Busselton	Dunsborough and Scout Road sand nourishment	Construction	\$50,000
City of Busselton	Busselton Jetty rock abutment	Construction	\$80,000
City of Busselton	Busselton Scout Road coastal protection	Construction	\$20,000
City of Busselton	Busselton Town Beach seawall maintenance	Maintenance	\$100,000
City of Fremantle	Island Street groyne maintenance	Maintenance	\$75,000
City of Joondalup	Sorrento-Marmion coastal protection study	Investigation	\$15,000
Curtin University	Batavia Coast sediment transport study	Investigation	\$120,000
Department of Environment and Conservation	Penguin Island erosion investigation	Investigation	\$50,000
Department of Planning	Midwest/Gascoyne sediment cell analysis	Investigation	\$91,889
Esperance Port Authority	Esperance (Town Beach) Sand Nourishment	Construction	\$100,000
Shire of Esperance	Esperance (Norseman Road) sand nourishment	Construction	\$123,500
Shire of Irwin	Grannies and Surf Beach seawall and sand nourishment Port Denison	Construction	\$220,000
Town of Cottesloe	Cottesloe geotechnical investigation	Investigation	\$40,000

## Coastal Protection Grants (2009/2010)

Total: **\$1,048,117**

Recipient	Project	Type	Grant
City of Geraldton-Greenough	Coastal vulnerability and risk assessment program - Northern beaches erosion study	Investigation	\$26,667
City of Geraldton-Greenough	Coastal vulnerability and risk assessment program - sediment budgets characteristics and distribution	Investigation	\$100,000
City of Geraldton-Greenough	Extension of seawall - Town Beach	Construction	\$100,000
City of Joondalup	Reconstruction of the Burns Beach groyne	Maintenance	\$50,000
City of Rockingham	Sand nourishment - Hymus Street, Esplanade	Construction	\$40,000
City of Rockingham	Coastal erosion study - Hymus Street, Esplanade	Investigation	\$40,000
City of Stirling	Coastal erosion study - Stirling coast	Investigation	\$31,450
City of Stirling	Emergency protection works - Watermans Beach	Construction	\$250,000
Department of Environment and Conservation	WA sediment compartments and cells	Investigation	\$50,000
Esperance Port Authority	Emergency sand nourishment - Town Beach	Construction	\$50,000
General	State-wide wave buoy program	Monitoring	\$50,000
Northern Agricultural Catchment Council	Coastal vulnerability and risk assessment program - Information sources and gap analysis project - Lancelin to Kalbarri	Investigation	\$15,000
Shire of Dandaragan	Construction of a dune - Thirsty Point Cervantes	Construction	\$4,000
Shire of Esperance	Emergency sand renourishment - Norman Road	Construction	\$112,500

Shire of Irwin	Coastal protection works - Grannies Beach Port Denison	Construction	\$100,000
Shire of Irwin	Emergency protection works - Grannies Beach Port Denison	Construction	\$15,000
Shire of Shark Bay	Extend rock wall	Construction	\$10,000
Town of Cambridge	Condition inspection - City Beach groyne	Investigation	\$3,500