



Capability Statement

Company Profile

Coastal Zone Management (CZM) Pty Ltd is a niche consulting company, providing specialist technical and management services to promote effective climate change adaptation and enhance the sustainable development of coastal zones and inland areas. CZM specialises in climate change and sea level rise vulnerability and adaptation assessment, climate change capacity building, and institutional analysis, policy and planning.

CZM provide technical expertise aligned with a demonstrated ability to execute and sustain management-focused research. CZM have a core team of professionals covering a variety of disciplines. In addition, the company has a select group of affiliate consultants and experts who work on projects as required.

Recent Clients

- United Nations Framework Convention on Climate Change (UNFCCC) secretariat.
- United Nations Environment Program (UNEP).
- UNEP/Mediterranean Action Plan (MAP)
- United Nations Development Program (UNDP).
- UNDP/ Global Environment Facility (GEF)/Government of Albania.
- UNDP/ Global Environment Facility (GEF)/Government of Uruguay.
- Global Environment Facility (GEF)/Government of Kiribati.
- Government of the Cook Islands.
- Western Australian State Government Office of Climate Change.
- Australian Department of Climate Change.
- Australian Attorney Generals Department.
- AusAID.
- National Climate Change Adaptation Research Facility (Australia).
- State Government of Western Australia.
- Australian Local Governments (Eastern Metropolitan Regional Council (Perth), Mid West Regional Council (Western Australia), City of Mandurah; Shire of Murchison; Town of Cottesloe; City of Stirling; Gold Coast City Council, Port Stephens Council).
- National Climate Change Adaptation Research Facility (NCCARF) Australia.
- Various private sector clients.

Panel Contract Membership

- Australian Government Department of Climate Change, Local Adaptation Pathways (LAPP).
- Western Australian Local Government Association (WALGA) Climate Change Consultancy Panel.

Quality and Insurance

Coastal Zone Management Pty Ltd uses a custom Quality Management System, which combines elements of the ISO 9000 series with the PRINCE2 Project Management methodology, to ensure consistent and high quality service delivery to our clients.

We have the following insurance cover:

- Professional Indemnity \$10 million.
- Public Liability \$10 million.
- Permanent Global Travel Insurance.

Key Current Projects

Client	Project	Overview
Mid West Regional Council	Climate Change Risk Assessment and Adaptation Plan	<ul style="list-style-type: none"> • Under the second round of LAPP funding, CZM are preparing a climate change risk assessment and adaptation plan for the region. • The process involves a series of workshop with local stakeholders, and a mentoring approach with staff to build capacity.
Global Environment Facility (GEF) and UNDP Albania	Identification and Implementation of Adaptation Response Measures to Drini-Mati River Deltas.	<ul style="list-style-type: none"> • Building adaptive capacities in the Drini-Mati River Deltas (DMRD) to ensure resilience of the key ecosystems and local livelihoods to climate change. • Involves a combination of technical and institutional capacity development, on-the ground adaptation measures, such as coastal dune habitat restoration, modification of DMRD protected area network planning and coverage, and other landscape-wide adaptation policy measures.
National Climate Change Adaptation Research Facility (NCCARF) Australia	Developing National Research and Adaptation Plans	<ul style="list-style-type: none"> • Assisting managing staff at the National Climate Change Adaptation Research Facility (NCCARF) to complete the remaining five National Adaptation Research Plans (NARPs). • Complementary implementation plans are also being developed along side the research plans, as well as calls for expressions of interest (EOIs) for research priority areas.

Client	Project	Overview
Office of Climate Change, Western Australia (with AECOM Consulting)	Climate Change Adaptation and Mitigation Strategy	<ul style="list-style-type: none"> Assisting the WA Office of Climate Change in drafting the State's Climate Change Adaptation and Mitigation Strategy. Working together with AECOM, CZM have been working collaborative and mentoring staff at the office, and engaging key stakeholders to generate the best possible outcome for the State.
City of Stirling (with Hassell Consulting)	Review of Scarborough Beach Urban Design Masterplan	<ul style="list-style-type: none"> Providing expert advice to the City of Stirling on climate change vulnerability and risk assessment, contributing to the Climate Change Impact Assessment Component of the Scarborough Masterplan Review.

Recent Projects

Climate change and sea level rise vulnerability and adaptation assessment		
Client	Project	Overview
Shire of Murchison	Climate Change Risk Assessment and Adaptation Action Plan, Shire of Murchison	<ul style="list-style-type: none"> Project aimed to assess the vulnerability of the Murchison region and its constituents to the impacts of climate change and provide a locally coordinated approach to climate adaptation. Involved a series of consultation workshops in the region. Additionally, created a sense of "local ownership" and instilled capacity to address the impacts of climate change, encouraging personal involvement in the development and implementation of adaptation.
City of Mandurah	Coastal Zone Climate Change Risk Assessment and Adaptation Action Plan	<ul style="list-style-type: none"> Project objectives were met though three key work phases outlined in <i>Climate Change Impacts and Risk Management: A guide for business and government</i>. Approach was to undertake coastal climate change risk assessment activities in tandem with adaptation assessment tasks. This ensured that the risk assessment delivers an output that successfully contributes to the final adaptation plan. Both strategic and location-specific adaptation options for the City of Mandurah were delivered.

Climate change and sea level rise vulnerability and adaptation assessment cont.

<p>Town of Cottesloe, Western Australia</p>	<p>Cottesloe Climate Change Foreshore Vulnerability (CCFV)</p>	<ul style="list-style-type: none"> • Facilitated the introduction of best practice coastal vulnerability assessment at a local scale. • An ideal location for seminal works of this kind due to extensive local data set pertaining to key assessment elements. • Provided an important template for use at a wider scale both throughout the state and across in Australia. • Project complemented concurrent initiatives at a regional level that aim to forecast coastal impacts of climate change in Western Australia. • Also helped stimulate community debate about the issues of climate change.
<p>Australian Department of Climate Change</p>	<p>Technical Advice</p>	<ul style="list-style-type: none"> • Provided expert services on approaches to long-term response by Australian governments to sea-level rise and climate change. • Expert sub-contractors were used to provide input on models, approaches and policy templates. Services included drawing together expert peer reviewers to provide global best-practice advice. • Work underpinned the beginning of a national approach to vulnerability and adaptation assessment.
<p>Maunsell Australia Pty Ltd, with Australian Attorney General's Department</p>	<p>Climate Change Risk Assessment for the Australian Indian Ocean Territories – Cocos-Keeling and Christmas Islands</p>	<ul style="list-style-type: none"> • Consulting services for the natural system component of the Climate Change Impacts in the Indian Ocean Territories project. • Investigating climate change risks to the Cocos-Keeling and Christmas Islands.
<p>Government of the Cook Islands</p>	<p>Technology Needs Assessment (TNA)</p>	<ul style="list-style-type: none"> • Assisting the Cook Islands to undertake their TNA as part of reporting requirements for second national communications, under the United Nations Framework Convention on Climate Change.
<p>BMT WBM Pty Ltd and Australian Department of Climate Change</p>	<p>Expert Peer Review services and advice</p>	<ul style="list-style-type: none"> • Expert peer review and on-going methodological advice on coastal vulnerability assessments in: <ul style="list-style-type: none"> • Kakadu National Park (under the National Coastal Vulnerability Assessment), and • Port Stephens (under the Local Adaptation Pathways Programme). • Advice helping to guide both projects to align with Australian and international best-practice in coastal climate change risk assessments.

Climate change capacity building

Client	Project	Overview
Office of Climate Change, Government of Western Australia	LAPP Risk Assessment Workshop	<ul style="list-style-type: none"> Facilitated a training workshop aimed at potential LAPP applicants and other member of local government. Provided an overview of the local-scale application of the Commonwealth risk assessment framework <i>Climate Change Impacts and Risk Assessment: A guide to business and government</i>, the strengths and limitations of the framework, and how to go about conducting an assessment. Held in conjunction with a climate change expert from the CSIRO. A supporting resource guide for the workshop was also produce as part of project requirements.
UNDP National Communications Support Programme	Workshops and Training Program	<ul style="list-style-type: none"> Convened, facilitated and coordinated a number of training programmes for non-Annex I parties to the UNFCCC in delivering effective National Communications. In 2007 programs designed for hands-on training in Samoa and Uruguay, incorporated field visits, classroom-style activities and workshop exercises. In addition to training and facilitation, generated comprehensive background documents to guide expert workshops. Facilitated the NCSP Workshop on Second National Communications with emphasis on Vulnerability and Adaptation Assessments for Asian Countries, held in Bangkok 2008.
UNFCCC Secretariat	Resource Guide - Preparing National Communications of non-Annex I countries	<ul style="list-style-type: none"> Drafted the Vulnerability and Adaptation (V&A) module for the <i>UNFCCC Resource Guide for Preparing the National Communications of non-Annex I Countries</i>. Resource Guide to be released at the Conference of the Parties in Poznan, December 2008. Module was developed as a prototype guide to assist non-Annex I Parties to prepare the V&A section of their national communications. Aimed to provide a brief overview of some of the main methods, tools and data being used by non-Annex I Parties to assess V&A to climate change; emphasise methods, particularly those that are readily accessible and applicable; describe where readers can obtain software, documentation on methods and further information.

Climate change capacity building cont.

<p>UNFCCC Secretariat</p>	<p>Exchange of Experiences and Good Practices Among non-Annex I Parties Workshop</p>	<ul style="list-style-type: none"> • Provided expertise to support the Financial and Technical Support (FTS) Programme of the UNFCCC Secretariat in fulfilling part of its mandate to support the activities of the Consultative Group of Experts. • Held in Cairo, September 2007. • Aimed to improve the process of preparing national communications through exchange of good practices among experts and to train experts from non-Annex I countries on how to fulfil certain reporting requirements using the template prepared by the CGE. • Applied innovative facilitation techniques to obtain information on experiences and lessons learned in applying the CGE template.
<p>UNFCCC Secretariat</p>	<p>Consultative Group of Experts (CGE) Training Strategy</p>	<ul style="list-style-type: none"> • Formulated a comprehensive training strategy to build and sustain capacity of non-Annex I Parties in preparing national communications. • Strategy built on previous hands-on training through incorporation of participant recommendations and in depth analysis of global scale training initiatives. • Recommendations put forward represented a blend of evaluation assessments, with in depth analysis of the broad range of climate change training available. • Completed in conjunction with an analysis of current best practice in capacity building.
<p>Office of Climate Change, Government of Western Australia</p>	<p>LAPP Phase II Proposal drafting</p>	<ul style="list-style-type: none"> • Drafting of Local Adaptation Pathway Program (LAPP) Grant – Round 2 Expression of Interest drafting for: <ul style="list-style-type: none"> ○ Batavia Regional Organisation of Councils ○ Mid-west Regional Council. • The project required close consultation with the Councils and WALGA to develop proposals aims to assess the vulnerability of member Councils to the impacts of climate change and provide a regionally coordinated approach to climate adaptation. • The Project proposals aimed to develop a regionally specific Climate Change Adaptation Action Plan that recognizes the differential capacity between the regional centre and the adjoining rural Councils.
<p>Eastern Metropolitan Regional Council (Perth)</p>	<p>Future Proofing the EMRC Region</p>	<ul style="list-style-type: none"> • Through a mentoring-driven approach with EMRC staff and coordinators within each EMRC member Council, the project aims to assess the strategic-level vulnerability of the EMRC region to climate change. • Though the mentoring approach, develop a climate change adaptation action plan

Institutional analysis, policy, planning and management

Client	Project	Overview
UNDP and COBSEA	Mainstreaming Climate Change into the Mangroves for the Future (MFF) Program and Supporting the Integration of Climate Change Adaptation Measures into Coastal Planning	<ul style="list-style-type: none"> Developed an approach to mainstream climate change into the Mangroves for the Future (MFF) program. Based on a review of existing climate change mainstreaming approaches into the project cycle. The objective was to ensure all projects funded by the MFF Program would consider the potential impacts of climate change. Also involved assisting COBSEA Secretariat and the Ministry of Environment in Indonesia to deliver the final outputs of the <i>Integrating Climate Change Adaptation Measures into Coastal Zone Planning</i> project.
UNFCCC	National Economic and Environmental Development Study for Climate Change Initiative – Interim Report	<ul style="list-style-type: none"> Developed an interim report, summarising the first seven cases taken by the participating countries towards their NEEDS assessments. Involved a review of existing country profiles, and options for financial and policy instruments to support identified measures. Outcomes from the NEEDS Initiative will provide useful inputs to the discussions by Parties to determine the financing needs of non-Annex I Parties to implement mitigation and adaptation measures.
United Nations Environment Program (UNEP)	UNEP Marine and Coastal Strategy	<ul style="list-style-type: none"> Drafted the UNEP-wide, Marine and Coastal Strategy to serve as the platform for UNEP's Marine and Coastal Programme of Work. The strategy will provide guidance and coordination for UNEP's engagement in marine and coastal policy within the organisation and with partner organisations. Project also included compiling project document proposals for SIDA support for marine and coastal programmes.
AusAid	Strategic Review of the International Climate Change Adaptation Initiative (ICCAI)	<ul style="list-style-type: none"> Undertook a strategic review of the International Climate Change Adaptation Initiative (ICCAI) for AusAID. Included liaison with key programme coordinators across AusAID Posts in the Pacific and Asia, as well as with programme coordinators in Canberra. Strategic recommendations were delivered as to the future implementation of the initiative in the region.
AusAid	Australia-Samoa Development Partnership	<ul style="list-style-type: none"> Drafting of the Delivery Strategy for the Climate Change Priority Outcome under the Samoa-Australia Partnership for Development Analysis of project and funding landscape for climate change mitigation and adaptation projects in Samoa. Assessment of delivery pathways and optimal development support to achieve the required outcomes of the Partnership

Institutional analysis, policy, planning and management cont.

<p>EMAAR/Africon (Dubai)</p>	<p>Coastal Zone Management Advice, Rabat, Morocco</p>	<ul style="list-style-type: none"> • Provided marine, coastal environmental and coastal zone management advice for the Saphira Corniche development along a 12km section of the open coastline in Rabat, Morocco. • Identified sites for potential infrastructure development incorporating recommendations for design protection and stability. • Findings were integral to the preparation of conceptual architectural and infrastructure plans for the proposed development ensuring that the conceptual layout of project elements will not be threatened by coastal erosion, marine inundation and environmental factors.
<p>Dubai Municipality</p>	<p>Dubai Beach Safety Project</p>	<ul style="list-style-type: none"> • Analysis of the legislative, policy, planning and operational framework for the management of beach safety in Dubai. • Involved an institutional framework analysis and review of all legislative and policy measures for the management of beach safety. • Recommended a range of institutional and policy strengthening measures were recommended. • Operational management measures to reduce beach-user risk were also recommended to complement the strategic environment that resulted from the study.
<p>United Nations Food and Agriculture Organisation (FAO)</p>	<p>Tsunami Coastal Management Response Assessment</p>	<ul style="list-style-type: none"> • Provided a strategic review of integrated coastal zone planning in Asian tsunami affected countries. • Provision of information and perspectives for Government officers and development practitioners involved in coastal area planning and management and agriculture, fisheries and forestry in coastal areas.