



Department of
Primary Industries and
Regional Development

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Roles and responsibilities of Carnarvon stakeholders in flood management



Contents

Bureau of Meteorology	3
Carnarvon Growers Association	3
Department of Fire and Emergency Services	4
Department of Planning, Lands and Heritage (DPLH)/ WA Planning Commission	5
Department of Primary Industries and Regional Development	6
Department of Water and Environmental Regulation	7
Flood Warning Consultative Committee	8
Landowners	8
Main Roads WA	9
Shire of Carnarvon	10–12

Roles and responsibilities of Carnarvon stakeholders in flood management

 Organisation	 Role and responsibilities	 Relevant legislation	 Factsheet/website
Bureau of Meteorology (BoM)  The Bureau of Meteorology	<ul style="list-style-type: none"> • Australia's national weather, climate and water agency. • Operates a network of 51 rainfall gauges in the catchment, including 13 rainfall intensity sites to help flood forecasting. • Prepares and issues flood watches and warnings. 	<ul style="list-style-type: none"> • <i>Water Act 2007</i> • <i>Meteorology Act 1955</i> 	National Warnings Summary: www.bom.gov.au/australia/warnings/index.shtml Gascoyne and Murchison Rainfall and River Conditions: www.bom.gov.au/wa/flood/gascoyne.shtml www.bom.gov.au/australia/flood/knowledge-centre/
Carnarvon Growers Association (CGA)  CGA CARNARVON GROWERS ASSOCIATION	<ul style="list-style-type: none"> • Supplier of products for member growers. • Assists growers with production practices. • Educate members about key issues. • Advocates for the industry. 		Carnarvon Growers Association (CGA): cga.org.au

Roles and responsibilities of Carnarvon stakeholders in flood management (con't)



Organisation



Role and responsibilities



Relevant legislation



Factsheet/website

Department of Fire and Emergency Services (DFES)



- Overall responsibility for risk reduction aspects of flood events, within the limitations of legislation, resource capabilities and capacity.
- Develop plans and arrangements based on risk assessments across the continuum of prevention, preparedness, response, and recovery.
- Establishes, maintains, and enhances capabilities and whole of sector interoperability needed to cope with and recover from floods.
- Supports the resilience of communities by promoting activities to raise hazard awareness and strengthen core capabilities necessary to manage future risks.
- Responsible for the coordination of a response to a flood event.

- *Fire and Emergency Services Act 1998*
- *Emergency Management Act 2005*

Flood hazard overview:

www.dfes.wa.gov.au/hazard-information/flood

Emergency WA current alerts:

<https://www.emergency.wa.gov.au/>

State Hazard Plan Severe Weather:

www.wa.gov.au/government/publications/state-hazard-plan-severe-weather

Roles and responsibilities of Carnarvon stakeholders in flood management (con't)



Organisation



Role and responsibilities



Relevant legislation



Factsheet/website

Department of Planning, Lands and Heritage (DPLH)/ WA Planning Commission



Department of Planning,
Lands and Heritage



- State level land use planning and management.
- Responsible for developing, reviewing and implementing the land use planning system in WA.
- Reviews local Government town planning schemes. Manages and maintains flood mitigation infrastructure.
- Identifying, educating, and protecting relevant Aboriginal Heritage sites within Carnarvon Region.
- Assist proponents and Government with knowledge of application process for works associated with Aboriginal Heritage sites.

- *Planning and Development Act 2005*
- *Aboriginal Heritage Act 1972*

Planning Strategy:

www.wa.gov.au/government/publications/gascoyne-regional-and-sub-regional-planning-strategy#documents

Aboriginal Heritage Search:

Aboriginal Cultural Heritage
Inquiry System:

espatial.dplh.wa.gov.au/ACHIS/index.html?viewer=ACHIS

Roles and responsibilities of Carnarvon stakeholders in flood management (con't)



Organisation



Role and responsibilities



Relevant legislation



Factsheet/website

Department of Primary Industries and Regional Development (DPIRD)



Department of
Primary Industries and
Regional Development

- Protects the sustainability of natural resources and accelerates ongoing economic growth, job creation and regional development.
- Soil Commissioner administers Act to mitigate and prevent land degradation, promote soil conservation, and educate landholders and the general public on land management.
- Supports horticultural industry recovery after flood to return to production.
- Provides guidance and access to programs to improve management practice and business success to horticultural producers.

- *Soil and Land Conservation Act 1945*
- *Biosecurity and Agriculture Management Act 2007*

Commissioner Soil and Land Conservation:

www.agric.wa.gov.au/climate-land-water/functions-and-duties-commissioner-soil-and-land-conservation-western-australia

Biosecurity and Agricultural Management:

www.agric.wa.gov.au/bam/frequently-asked-questions-about-bam-act-and-waol



Roles and responsibilities of Carnarvon stakeholders in flood management (con't)



Organisation



Role and responsibilities



Relevant legislation



Factsheet/website

Department of Water and Environmental Regulation (DWER)



Department of **Water and Environmental Regulation**

- Manages and regulates the State's environment and water resources.
- The lead agency for river monitoring and floodplain management, including near real-time river level data, and information on previous flood events.
- Develop state legislation, policy and standard for floodplain management, and provides input to national flood management policy.
- Provides flood management advice on new development and supports and assists communities to implement flood mitigation measures to reduce the risk of flooding to existing developments.

- *Environmental Protection Act 1986*
- *Environmental Protection (Clearing of Native Vegetation) Regulations 2004*
- *Rights in Water and Irrigation Act 1914*
- *Water Agencies Powers Act (1984)*

Summary of DWER flood planning and mapping:

www.wa.gov.au/service/natural-resources/water-resources/flood-planning-and-mapping

- *Water facts 14 – Floodplain management*
www.wa.gov.au/system/files/2022-11/Water-facts-14-Floodplain-management.pdf
- *Water facts 13 – Flooding in Western Australia*
www.wa.gov.au/system/files/2022-11/Water-facts-13-Flooding-in-Western-Australia.pdf

Western Australia floodplain mapping:

dow.maps.arcgis.com/apps/webappviewer/index.html?id=9817b8d31c224846abb68a75478e9cf0

River monitoring stations:

kumina.water.wa.gov.au/waterinformation/telem/stage.cfm

Roles and responsibilities of Carnarvon stakeholders in flood management (con't)



Organisation



Role and responsibilities



Relevant legislation



Factsheet/website

Flood Warning Consultative Committee (FWCC)

- Provides strategic guidance on overall development of flood warning service in WA.
- Co-ordinates and prioritises investment in flood forecasting services and infrastructure.
- Members, relevant agencies (DFES, DWER, MRWA, WALGA, Water Corp, others).
- Meets twice a year.

State hazard plan and flood forecasting:

State Hazard Plan – Severe Weather:

www.wa.gov.au/government/publications/state-hazard-plan-severe-weather

Service Level Specification for Flood Forecasting and Warning Services for Western Australia:
www.bom.gov.au/wa/flood/WA_SLS_current.pdf

Landowners



- Adhere to Federal, State and Local government legislative and policy requirements in relation to their landholding and farm management.
- Be aware of local flood hazards and local flood emergency management plans.
- Responsible for personal safety and property during a flood.



Roles and responsibilities of Carnarvon stakeholders in flood management (con't)



Organisation



Role and responsibilities



Relevant legislation



Factsheet/website

Main Roads WA (MRWA)



- Ensures the maintenance and protection of MRWA structures such as bridges, floodways, and culverts across the floodplain.
- Responsible for the preparation of State, regional and local flood emergency management plans.

- *Main Roads Act 1930*

Travel information:

www.mainroads.wa.gov.au/travel-information/

travelmap.mainroads.wa.gov.au/Home/Map



Roles and responsibilities of Carnarvon stakeholders in flood management (con't)



Organisation



Role and responsibilities



Relevant legislation



Factsheet/website

Shire of Carnarvon



- Incorporates floodplain management into town planning schemes, and controls development and works on the floodplain.
- Manages local flood mitigation infrastructure in accordance with agreed levels of service.
- Assists in the development and implementation of flood emergency management plans.
- Supports community flood risk awareness and education.
- Leads the community recovery process.

- *Local Government Act 1995*
- *Building Act 2011*
- *Building Regulations 2012*
- *Local Planning Scheme 13*
- *Planning and Development (Local Planning Schemes) Regulations 2015*

Planning information:

State Planning Policy 1
State Planning Framework:

www.wa.gov.au/system/files/2021-06/SPP_1_State_Planning_Framework.pdf

Statement of planning policy
no. 2 environment and natural
resources policy:

www.wa.gov.au/government/publications/state-planning-policy-20-environment-and-natural-resources-policy

Statement of planning policy
no.3 urban growth and settlement:

www.wa.gov.au/system/files/2021-06/SPP_3_urban_growth_settlement.pdf

Continued following page...

Roles and responsibilities of Carnarvon stakeholders in flood management (con't)



Organisation



Role and
responsibilities



Relevant
legislation



Factsheet/website

Shire of Carnarvon



Planning information (con't):

Statement of planning policy
no 6.3 Ningaloo coast Gazette:

[www.wa.gov.au/system/
files/2021-06/SPP_6-3_ningaloo_
coast.pdf](http://www.wa.gov.au/system/files/2021-06/SPP_6-3_ningaloo_coast.pdf)

Planning and Development
(Local Planning Schemes)
Regulations 2015:

[www.wa.gov.au/system/
files/2022-11/Planning-and-
Development-%28Local-Planning-
Schemes%29-Regulations-2015.pdf](http://www.wa.gov.au/system/files/2022-11/Planning-and-Development-%28Local-Planning-Schemes%29-Regulations-2015.pdf)

Shire of Carnarvon planning
information:

[www.wa.gov.au/government/
document-collections/shire-of-
carnarvon-planning-information](http://www.wa.gov.au/government/document-collections/shire-of-carnarvon-planning-information)

Continued following page...

Roles and responsibilities of Carnarvon stakeholders in flood management (con't)



Organisation



Role and
responsibilities



Relevant
legislation



Factsheet/website

Shire of Carnarvon



Building information:

Building Act 2011:

[www.legislation.wa.gov.au/legislation/prod/filestore.nsf/FileURL/mrdoc_43943.pdf/\\$FILE/Building%20Act%202011%20-%20%5B01-h0-00%5D.pdf?OpenElement](http://www.legislation.wa.gov.au/legislation/prod/filestore.nsf/FileURL/mrdoc_43943.pdf/$FILE/Building%20Act%202011%20-%20%5B01-h0-00%5D.pdf?OpenElement)

Building Regulations 2012:

[www.legislation.wa.gov.au/legislation/prod/filestore.nsf/FileURL/mrdoc_45977.pdf/\\$FILE/Building%20Regulations%202012%20-%20%5B04-r0-00%5D.pdf?OpenElement](http://www.legislation.wa.gov.au/legislation/prod/filestore.nsf/FileURL/mrdoc_45977.pdf/$FILE/Building%20Regulations%202012%20-%20%5B04-r0-00%5D.pdf?OpenElement)

Local Government Act 1995 :

[www.legislation.wa.gov.au/legislation/prod/filestore.nsf/FileURL/mrdoc_46813.pdf/\\$FILE/Local%20Government%20Act%201995%20-%20%5B07-aj0-01%5D.pdf?OpenElement](http://www.legislation.wa.gov.au/legislation/prod/filestore.nsf/FileURL/mrdoc_46813.pdf/$FILE/Local%20Government%20Act%201995%20-%20%5B07-aj0-01%5D.pdf?OpenElement)