

2018/2019 Annual Report

State Emergency Management
Committee (SEMC)



Government of Western Australia
State Emergency Management Committee

Statement of Compliance

For the year ended 30 June 2019



The Hon. Francis Logan MLA
Minister for Emergency Services

To the Hon. Francis Logan MLA
Minister for Emergency Services

In accordance with section 25 of the *Emergency Management Act 2005*, I hereby submit for your information and presentation to Parliament the annual report of the State Emergency Management Committee for the year ended 30 June 2019.

The report has been prepared in accordance with the provisions of the *Emergency Management Act 2005*.

Yours sincerely

A handwritten signature in black ink, appearing to read 'R Edwards', written over a light grey rectangular background.

Dr Ron F Edwards
Chair
State Emergency Management Committee

August 2019

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From the SEMC Chair



Dr Ron F Edwards
Chair



Taking the theme of foresight, the SEMC has been endeavouring to anticipate what is on, or over, the horizon and laying the groundwork for preparedness.

It has been a privilege to Chair the State Emergency Management Committee (SEMC) this year. Following on from Machinery of Government changes, this is the first year that the SEMC has been directly supported by the Department of Fire and Emergency Services (DFES).

I would like to thank the DFES staff and other contributing agencies who continue to support the SEMC, sharing their knowledge and time to ensure emergency management (EM) in Western Australia is contemporary and continuously improved.

An achievement which requires particular recognition, was attained by the Public Information Reference Group (PIRG). Supported by the West Australian Police Force (WA Police), the PIRG won the Emergency Media and Public Affairs Award for Excellence in Emergency Communication. This was awarded in the category of *Excellence in Resilience and Readiness* for its development of 'Communicating in Recovery Guidelines'.

The focus for us in the coming year is to continue invigorating our subcommittees, reference groups and district emergency management committees to maximise their important contributions.

The annual Preparedness Report is a key product developed for the purpose of articulating to the Minister for Emergency Services the preparedness of Western Australia to combat emergencies. The 2018 Report was both tabled in Parliament and the subject of a Parliamentary presentation.

The *2018 Emergency Preparedness Report* centred on the theme of 'foresight'. With the complexity of emergency issues in our State, it is inevitable that we will be impacted by at least one of the 27 legislated hazards over the next year.

And with the choices we have made – and continue to make – it is foreseeable that many of us will be adversely impacted.

Taking the theme of foresight, the SEMC has been endeavouring to anticipate what is on, or over, the horizon and laying the groundwork for preparedness. To this end, after a comprehensive review of the State exercise policy, the State Exercise Framework was approved this year. The framework introduces capability based exercising. To support the framework, updates and amendments have been made across the emergency management arrangements. Capability based exercising embraces the all-hazards approach to emergency management by acknowledging that activities applicable to one hazard are often applicable to a range of hazards. The framework employs a three-year exercise cycle with the first State exercise to be held in 2022 using scenarios based on human epidemic and fire. This is a significant shift in the way that we exercise; a shift the SEMC anticipates will help us to better understand and improve our preparedness.

From the SEMC Chair

The SEMC has also been reviewing the transportation of hazardous goods. Following the referral of this issue to SEMC by the Minister, multiple presentations were sought from the many stakeholders who have a role in regulating and monitoring this industry. It is clear that this is a complex and multi-faceted area and the SEMC will continue to focus on improvements that protect our vital industries and communities.

Tropical Cyclone Veronica provided an opportunity for me to see the suite of emergency management arrangements in action. As a member of the State Emergency Coordination Group, I was impressed with the commitment to the all-agencies coordinated and integrated approach. Emergency management requires collaboration, coordination and integration, and this was evident before, during and after Tropical Cyclone Veronica.

And finally, I would like to thank continuing SEMC members for welcoming Ms Linda Savage, Independent Member, onto the Committee. I also want to express my deepest appreciation to the SEMC members and deputy members who left during 2018/19. Their significant contribution has enhanced emergency management in WA.

On behalf of the SEMC, I look forward to continuing to work with our subcommittees, reference groups and district emergency management committees to build a safer and more resilient Western Australian community.



Dr Ron F Edwards

Chair

State Emergency Management Committee

From the SEMC Executive Officer



Mal Cronstedt AFSM MBA BA
Executive Officer



The new support arrangement with DFES has increased both the staff and access to knowledge available to the SEMC.

It is a pleasure to introduce the Annual Report of the SEMC. Following the Machinery of Government changes, the previous Office of Emergency Management was integrated into the command structure of the Department of Fire and Emergency Services (DFES).

The new support arrangement with DFES has increased both the staff and access to knowledge available to the SEMC. This benefits building an agency with a focus across all-hazards and the full spectrum of strategies and activities before, during and after hazard impact.

State recovery is one example of this, where a newfound people-centred focus has been implemented to build capacity and capability through prevention and preparedness at the local and State level to better recover from emergencies. A key achievement has been the inclusion of recovery much earlier in the response phase through developing and incorporating improved tools and processes for transition into medium and long term recovery. This will undoubtedly lead to better outcomes for impacted communities and the State.

A revised assurance framework is being developed with a focus on building continuous improvement and sustainable change. To this end, two new reference groups were established to inform key priorities of the SEMC. Lessons management is progressing with the creation of the Lessons Management Reference Group chaired by Ms Linda Savage. Mr Duane Bell APM is the Chair of the State Exercise Coordination Team, which will support the implementation of the State Exercise Framework over the first three-year cycle from 2020 to 2022.

Since July 2017, the SEMC has chaired the Ferguson Report Implementation Working Group which has overseen the implementation of the recommendations and opportunities for improvement of the *Report of the Special Inquiry into the January 2016 Waroona Fire* prepared by Euan Ferguson AFSM. In July 2018, responsibility was transferred from the working group to the Lessons Management Reference Group who report directly to the SEMC. As at 30 June 2019, 36 of the 40 recommendations and opportunities for improvement were completed and three were in progress.

Work has continued on the Westplan Rationalisation Project which has involved streamlining and amalgamating Westplans into State Hazard Plans. This year, six State Hazard Plans have been delivered as well as one comprehensive State Hazard Plan review. In addition, two State support plans were released, the updated *State Support Plan – Emergency Public Information* and the *State Support Plan – Animal Welfare in Emergencies (Interim)*.

The Emergency Preparedness Report continues to be enthusiastically championed by the SEMC. A revised approach for 2019 will see a focus on producing the report with a higher representation of information in a graphical format. This will assist more people to access and use the wealth of data presented.

The State Risk Project has completed analysis of 26 of the 27 hazards prescribed in Western Australia. This work looks at risks posed to the State across a variety of theme areas with an analysis of credible worst case hazard scenarios.

From the SEMC Executive Officer

The analysis will be made available to assist agency and industry decision making. This is the culmination of six years' work and will prove its value by informing public policy decision-making. The risk profiles have already been successfully used to prioritise and evaluate the Natural Disaster Resilience Program competitive grant round for 2018/19.

I would like to thank the SEMC for its guidance during the year and look forward to continuing to work with them.



Mal Cronstedt AFSM MBA BA

Executive Officer

State Emergency Management Committee



CHAPTER 1

Overview

Executive summary

The SEMC is the State Government's peak planning body for emergency management.

It was established under section 13 of the *Emergency Management Act 2005*. The SEMC's vision is to have "a better prepared, safer and more resilient Western Australia."

The SEMC's primary role is to:

- advise the Minister on emergency management and the preparedness of the State to combat emergencies
- provide direction, advice and support to public authorities, industry, commerce and the community, in order to plan and prepare for an efficient emergency management capability for Western Australia
- provide a forum for whole-of-community coordination to ensure the effects of emergencies are minimised
- provide a forum for the development of community-wide information systems to improve communications during emergencies
- develop and coordinate risk management strategies to assess community vulnerability to emergencies
- arrange for the preparation of State emergency management policies and plans

The 2018/19 Annual Report provides an overview of the work, activities and operations of the SEMC. The SEMC is assisted in its work by three subcommittees and four reference groups.

From 1 July 2018 DFES has provided executive, policy and administrative support to the SEMC in delivering on its strategic priorities. Previously the Office of Emergency Management reported on two key performance indicators capturing the quality and cost of emergency management advice provided within WA. These now form part of DFES' outcome based management framework and are captured in the DFES Annual Report.

Executive summary

PERFORMANCE HIGHLIGHTS

The SEMC Deputy Chair and the Fire and Emergency Services Commissioner were part of a national delegation to the United States of America following recent wildfires and hurricanes. They returned with a wealth of knowledge and experiences that will benefit WA and our Emergency Management arrangements.

Published the *2018 Emergency Preparedness Report*.

Assessed the Preparedness Report and reshaped future releases to ensure that it meets the sector's and the community's evolving needs. The *Emergency Preparedness Report 2019* will focus more on the complexities that arise during emergencies.

Continued its membership with the Australasian Fire and Emergency Service Authorities Council and the Bushfire and Natural Hazard Cooperative Research Centre.

Facilitated:

- The Federal-State pre-season preparedness briefing.
- Parliamentary briefing on the Preparedness Report.
- A presentation for His Excellency the Honourable Kim Beazley AC on hazardous goods.

Approved the State Exercise Framework and its integration into the State emergency management arrangements.

Continued to oversee the implementation of the recommendations and opportunities for improvement from the *Report of the Special Inquiry into the January 2016 Waroona Fire*, prepared by Euan Ferguson AFSM.

Established the State Exercise Coordination Team and the Lessons Management Reference Group.

Published the *WA Emergency Risk Management Treatment Manual – Prototype March 2019*.

Approved the *State Support Plan – Animal Welfare in Emergencies (Interim)*, coordinated and developed by the Department of Primary Industries and Regional Development (DPIRD). Work is continuing to exercise and validate this plan prior to the 2019-20 Southern bushfire season.

Endorsed 25 National Disaster Resilience Program competitive grant applications, to a value of \$2,853,859.

Endorsed the trial of Public Safety Mobile Broadband technology in Western Australia.

Reviewed and supported changes to the *Emergency Management Regulations 2006*.

Commenced a review of the SEMC Strategic Plan and supporting administrative arrangements.

Executive summary

2017 – 2020 Strategy Scorecard

The SEMC and Office of Emergency Management (OEM) Strategic Plan for 2017-2020 was approved in August 2017. Over the past two years there have been a number of changes, including the issuing of the Ministerial Statement of Intent and the Machinery of Government changes to integrate the OEM into DFES.

The table below illustrates the outcomes achieved against the SEMC and OEM Strategic Plan for 2014-2020.

Strategic Priority	Key Strategies 2017-2020	Outcomes achieved as at 30 June 2019
Risk Develop an emergency management risk profile of the State and promote targeted investment in mitigation activities that reduce the State's risk profile	Facilitate the assessment of a comprehensive emergency risk profile for the State: <ul style="list-style-type: none"> Facilitate the assessment of the State's key risks at a State and district level Provide advice and training on the application of the <i>National Emergency Risk Assessment Guidelines</i> at the local level Report on the State's risk profile: <ul style="list-style-type: none"> Report on the key State, district and local risks 	<ul style="list-style-type: none"> Assessment of 26 of the 27 hazards undertaken at State level Assessment of priority hazards undertaken across all emergency management districts 120 local governments introduced to the <i>National Emergency Risk Assessment Guidelines</i> risk assessment process <i>State Level Risk Report</i> developed and awaiting approval All District Level Risk Reports completed and published Local Risk Assessment Reports – 17 completed; circa 80 in planning and underway
Capability Develop an emergency management capability profile of the State and promote targeted investment in the State's emergency management capabilities	Develop an emergency management capability picture for the State: <ul style="list-style-type: none"> Facilitate and report on the assessment of the State's existing capability Identify priority capability gaps Report on the State's emergency preparedness: <ul style="list-style-type: none"> Provide an annual report on the emergency preparedness of the State Inform resourcing decisions across the emergency management sector 	<ul style="list-style-type: none"> State Capability Framework developed and operational Substantial data capture against the framework for 2017, 2018, 2019; circa 250,000 points of data captured against framework Capability gaps being reported through the Preparedness Reports Preparedness Report published annually Preparedness Report and State Risk Project data used to inform 2018/19 National Disaster Resilience Program (NDRP) grants round and agency prioritisations

Executive summary

Strategic Priority	Key Strategies 2017-2020	Outcomes achieved as at 30 June 2019
<p>Recovery</p> <p>Enhance the level of emergency recovery capability at the state and local level</p> <p>Ensure the provision of coordinated recovery support to emergency affected communities</p>	<p>Provide emergency recovery coordination and support:</p> <ul style="list-style-type: none"> • Lead the maintenance and review of State recovery arrangements and plans • Review the recovery arrangements framework established for local government • Ensure the provision of coordinated recovery support to emergency affected communities 	<ul style="list-style-type: none"> • Review the Comprehensive Impact Assessment with all Hazard Management Agencies and local governments. The review has resulted in a refined, scalable document • Established a State Recovery Network in partnership with the Western Australian Local Government Association (WALGA) to assist in building local government and recovery sector skills, capacity and capabilities and share lessons learned and best practice • Reviewed the Local Recovery guidelines in collaboration with WALGA and local governments • Completed the Recovery Training Review
<p>Assurance</p> <p>Develop and maintain an emergency management assurance framework</p>	<ul style="list-style-type: none"> • Confirm the establishment of an emergency management assurance framework for the State • Develop a lessons management framework • Track recommendations from incident inquiries 	<ul style="list-style-type: none"> • Assurance options developed for consideration • Lessons Management Framework approved • Lessons Management Reference Group established to track lessons from incident inquiries
<p>Governance</p>	<ul style="list-style-type: none"> • Ensure robust emergency management arrangements are in place • Ensure there is clarity on roles and responsibilities for emergency management • Foster relationships and networks to facilitate coordination of emergency management • Provide guidance on emergency management arrangements 	<ul style="list-style-type: none"> • Rationalisation of 26 Westplans into 13 State Hazard Plans. Five Westplans remain • Continued amendments and revisions made to State emergency management arrangements • Facilitated meetings across three subcommittees and four reference groups

Executive summary

Strategic Priority	Key Strategies 2017-2020	Outcomes achieved as at 30 June 2019
Investment	Administer and manage the provision of funds to eligible groups and individuals to: <ul style="list-style-type: none"> • Undertake programs to prepare for, prevent and respond to emergencies; and • Recover from emergencies 	<ul style="list-style-type: none"> • The Commonwealth supported Natural Disaster Resilience Program awarded over \$3 million via competitive grant processes to enhance disaster resilience in the State • The State funded All West Australians Reducing Emergencies (AWARE) program awarded nearly \$380,000 to support local and district emergency management initiatives via a competitive grants program • Guided WA through implementation of the Disaster Recovery Funding Arrangements (known as DRFA-WA) which came in on 1 November 2018 replacing the Western Australia Natural Disaster Relief and Recovery Arrangements (WANDRRA)

Figure 1: 2017 – 2020 Strategy Scorecard



CHAPTER 2

Report on activities

The emergency management structure in Western Australia

The emergency management structure in Western Australia follows a three-tiered hierarchy, as established by the *Emergency Management Act 2005*. The following pages explain the role of the SEMC subcommittees and reference groups, district emergency management committees (DEMCs) and local emergency management committees (LEMCs) within the SEMC structure.

The Emergency Services Communications Strategy Committee has been included in the diagrams at the request of SEMC as it plays an important role in emergency services and the links between this committee and SEMC are anticipated to strengthen over the next 12 months.

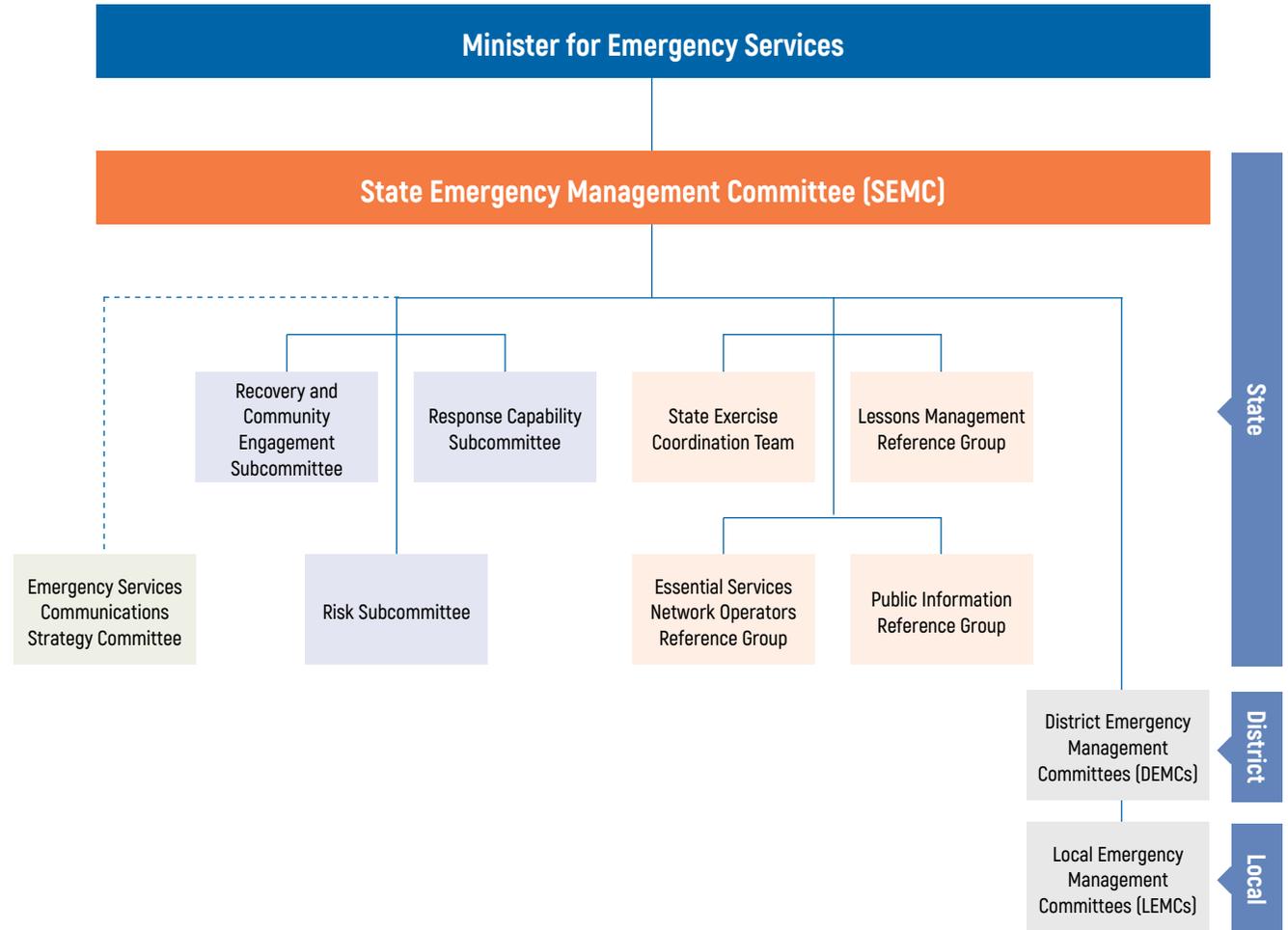


Figure 2: Western Australian emergency management structure

SEMC membership

MEMBERS AS AT 30 JUNE 2019



Dr Ron Edwards,
Independent SEMC
Member; *Chair**



Ms Melissa Pexton,
Independent SEMC Member;
SEMC *Deputy Chair**



Ms Linda Savage,
Independent SEMC Member*



Mr Malcolm Cronstedt AFSM,
SEMC Executive Officer*



Mr Chris Dawson APM,
SEMC Member;
*Commissioner of Police **



Mr Darren Klemm AFSM,
SEMC Member; *Fire and Emergency
Services Commissioner **



Mr Darren Foster,
SEMC Member;
*Director General, Department
of the Premier and Cabinet***



Mr Mark Webb PSM,
SEMC Member; *Director General,
Department of Biodiversity,
Conservation and Attractions**



Dr Andrew Robertson CSC PSM,
SEMC Member; *Chief Health Officer,
Department of Health**

* Appointed in a personal capacity

** Ex officio

DEPUTY MEMBERS WHO ACTED AS PROXIES DURING THE REPORTING PERIOD ENDING 30 JUNE 2019

Mr Lloyd Bailey – deputy member for Mr Darren Klemm

Ms Joanne Burges – deputy member for Ms Ricky Burges

Ms Helen Gladstone – deputy member for Mr Darren Foster

Mr Peter Dans – deputy member for Mr Mark Webb

Dr Andy Robertson – deputy member for Dr David Russell-Weisz

Ms Jackie Tang – deputy member for Mr Grahame Searle

MEMBER UPDATES

2018-19

- Mr Richard Simpson – Term of appointment expired
- Dr David Russell-Weisz – Term of appointment expired
- Mr Grahame Searle – Resigned as member
- Ms Ricky Burges – Resigned as the member representing local government
- Ms Linda Savage – Appointed as an independent member
- Dr Andy Robertson – Appointed as member
- Mr Stephen Brown – Resigned as deputy member
- Mr Gary Budge – Appointed as deputy member
- Mr John Heslop – Appointed as deputy member

PRESENTATIONS

03 August 2018

1. DFES – Rural Fire Division

DFES Executive Director of the Rural Fire Division Mr Murray Carter provided an update on the establishment of the Rural Fire Division.

05 October 2018

2. 2018 Emergency Preparedness Report

DFES Director Risk, Capability and Analysis Mr Andrew Sanders with DFES Program Leader State Preparedness Mr Richard Pieper in attendance, delivered a presentation on the *2018 Emergency Preparedness Report*.

07 December 2018

3. Hazardous Materials Transportation in the Perth Metropolitan Area

DFES Director Risk, Capability and Analysis Mr Andrew Sanders delivered an analysis on the transportation of hazardous materials in the Perth metropolitan area assisted by DFES Principal Scientific Officer Dr Jeff Davis.

08 March 2019

4. Transportation of Hazardous Goods

4.1 A/Access Manager Heavy Vehicle Services Mr Rich Bain and Executive Director Metro and Southern Regions Mr Des Snook, both of Main Roads WA, provided a presentation on current Main Roads WA monitoring and regulatory access and their current network systems.

4.2 Department of Mines, Industry Regulation and Safety (DMIRS) A/Director Dangerous Goods and Petroleum Safety Mr Iain Dainty, provided a follow on presentation on the emergency risks associated with the transportation of hazardous substances and the legislative powers of DMIRS.

The SEMC meetings

During the reporting period ending 30 June 2019, the SEMC members held the following meetings:

- Five ordinary meetings – 3 August 2018, 5 October 2018, 7 December 2018, 8 March 2019 and 10 May 2019.
- Two resolutions passed without meeting – 17-24 August 2018.

Name	Attendance 03/08/18	Attendance 05/10/18	Attendance 07/12/18	Attendance 08/03/19	Attendance 10/05/19	Represented by Proxy (number of meetings)	Observer (number of meetings)
Dr Ron Edwards	✓	✓	✓	✓	✓		
Ms Melissa Pexton	✓	✓	✓	✓	✓		
Mr Malcolm Cronstedt	✓	✓	-	✓	✓		
Mr Chris Dawson	✓	✓	✓	✓	✓		
Mr Darren Klemm	-	✓	✓	✓	✓	Mr Lloyd Bailey 1	
Mr Darren Foster	✓	✓	-	-	✓	Helen Gladstone 1	
Mr Richard Simpson	✓	N/A	N/A	N/A	N/A		
Ms Ricky Burges	-	-	-	N/A	N/A	Ms Joanne Burges 2	
Mr Grahame Searle	-	-	-	N/A	N/A	Ms Jackie Tang 2	Kim Dean 1
Mr Mark Webb	-	✓	-	-	✓	Mr Peter Dans 3	
Dr David Russell-Weisz	-	-	N/A	N/A	N/A	Dr Andrew Robertson 2	
Ms Linda Savage	N/A	-	✓	✓	-		
Dr Andrew Robertson (as a member)	N/A	N/A	✓	✓	✓		

The Minister for Emergency Services was present at two meetings over the year, with a representative from the Minister's office attending all meetings.

Figure 3: Attendance at the SEMC ordinary meetings

✓ Name	17-24/08/2017
Dr Ron Edwards	✓
Ms Melissa Pexton	✓
Mr Chris Dawson	✓
Mr Darren Klemm	-
Mr Darren Foster	✓
Mr Malcolm Cronstedt	✓
Mr Richard Simpson	✓
Ms Ricky Burges	-
Mr Grahame Searle	✓
Mr Mark Webb	✓
Dr Andy Robertson [#]	✓

[#] attended as a deputy member

Figure 4: Attendance at the SEMC out-of-session meetings

The SEMC subcommittees and reference groups

Section 21 of the *Emergency Management Act 2005* allows the SEMC to establish subcommittees as it sees fit to advise on any aspect of its functions or to assist with any matters relevant to the performance of its functions. Subcommittees may, but need not, consist of or include members of the SEMC.

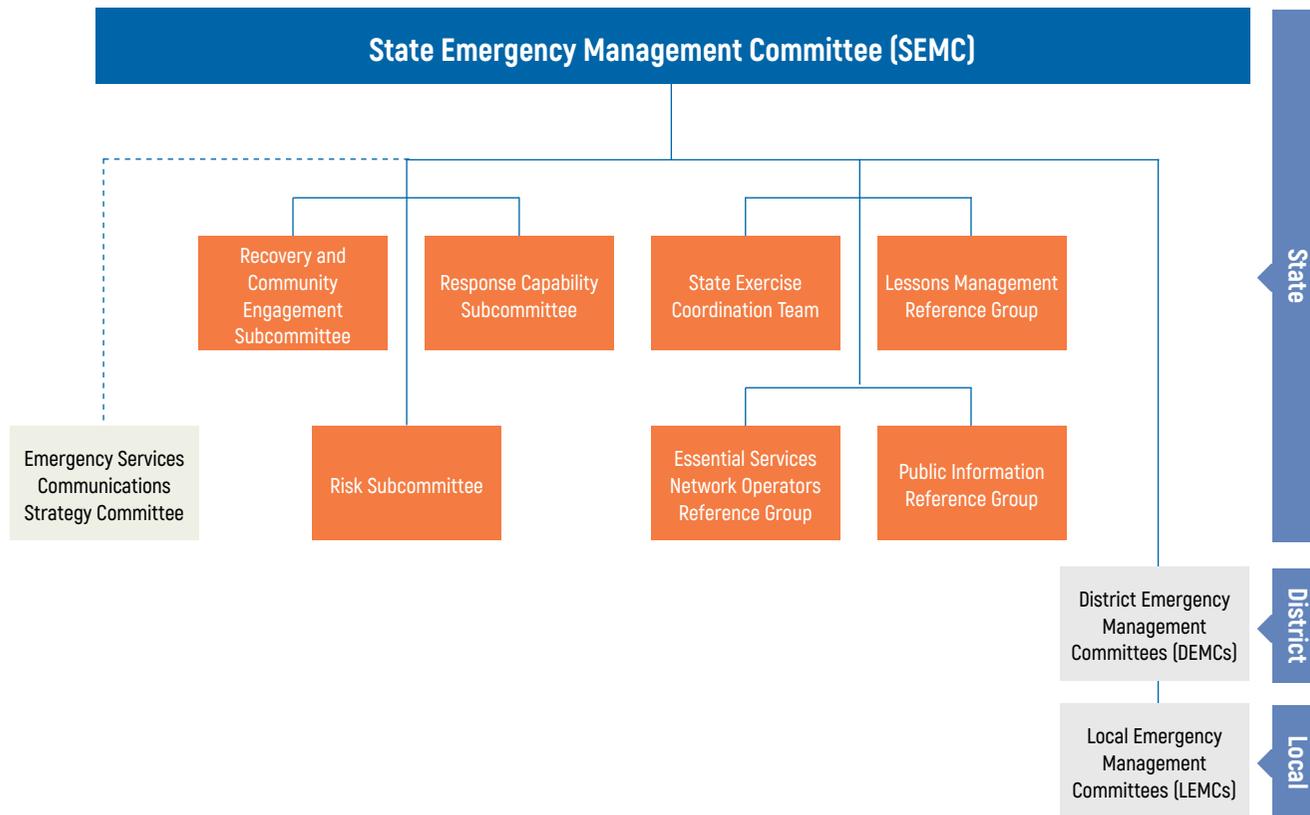


Figure 5: Subcommittee and reference group positioning in the SEMC structure

THE SEMC SUBCOMMITTEES AND REFERENCE GROUPS – KEY ACHIEVEMENTS

Each subcommittee and reference group reports to the SEMC on their annual activities. The table below highlights their activities during the financial year ending 30 June 2019.

Subcommittee / reference group	Objective	No of meetings	Key achievements and updates
<p>Response Capability Subcommittee</p> <p>Chairs: Mr Paul Zanetti, WA Police and Mr Col Blanch, WA Police</p> <p>Sponsor: Mr Chris Dawson, WA Police</p> <p>Executive Officers: Ms Peta Turner, DFES and Mr Matt Verney, DFES</p>	To provide a forum that promotes collaborative and strategic dialogue to consider and promote strategies to address the State's emergency response capability gaps	3	<ul style="list-style-type: none"> • Provided input to the following: <ul style="list-style-type: none"> – State Exercise Management Framework – Review of incident management and emergency management within the State EM arrangements – State exercise register – SEMC Policy and Governance Review Project • Provided oversight of the following Response Capability Subcommittee Working Groups: <ul style="list-style-type: none"> – Exercise Management Advisory Group – State Crisis Information Management System Implementation Group – Animals in Emergencies Working Group • Reviewed and endorsed the following State Hazard Plans (SHP): <ul style="list-style-type: none"> – SHP – Crash Emergency – SHP – Search and Rescue – SHP – Hazardous Materials – SHP – Maritime Environmental Emergencies – SHP – Energy Supply Disruption – SHP – Human Biosecurity • Reviewed and endorsed the following State Support Plans (SSP): <ul style="list-style-type: none"> – SSP – Emergency Public Information – SSP – Animal Welfare in Emergencies (Interim)

Subcommittee / reference group	Objective	No of meetings	Key achievements and updates
Recovery and Community Engagement Subcommittee Chair: Ms Melissa Pexton, SEMC Sponsor: Ms Melissa Pexton, SEMC Executive Officer: Ms Suellen Flint, DFES	To support the SEMC in strengthening the State's resilience through enhancing emergency management recovery and community engagement capabilities	4	<ul style="list-style-type: none"> Completed the Local Waste Management Arrangements for Emergency Events project providing a framework that guides local government decision making in relation to waste management during recovery Revised and tested the Comprehensive Impact Assessment to assist in commencement of recovery Developed the State Recovery Controller Guide and position paper Developed and endorsed the State Recovery Cadre concept Completed a review of recovery training available within WA
Risk Subcommittee Chair: Mr Malcolm Cronstedt AFSM, SEMC Sponsor: Dr Ron Edwards, SEMC Executive Officer: Mr Andrew Sanders, DFES	To act as a reference group to consult and advise on ways to improve the coordination and application of an evidence-based approach to emergency risk management for all hazards	2	<ul style="list-style-type: none"> Completed State-level risk assessments for 26 of 27 hazards; counter terrorism to be assessed separately Completed Western Australia's State Risk Profile 2019 report and individual hazard summaries Held risk ownership workshop in Karratha focusing on cyclone/storm surge resilience. Established the Decision Support System project and methodologies for the State Developed risk treatments prioritisation methodology and publication of the <i>WA Emergency Risk Management Treatment Manual Prototype March 2019</i> and associated tools Rolled out the local level risk profile of the State Risk Project with 120 local governments introduced to the risk assessment process. To date, 17 local governments have submitted compliant risk assessment summary reports and risk registers Contributed to the National Resilience Taskforce, National Mitigation Framework and Australia's Vulnerability Profile Contributed to the data collection for national Sendai Framework targets

Subcommittee / reference group	Objective	No of meetings	Key achievements and updates
Public Information Reference Group Chair: Mr Howard Gretton, WA Police Executive Officer: Mr Sam Dinnison, WA Police	To provide advice and support to the SEMC and its subcommittees in relation to arrangements for the provision of emergency public information and public awareness related to emergency management in Western Australia	4	<ul style="list-style-type: none"> Conducted a workshop to review and enhance the relevance of Public Information Reference Group (PIRG) in its role to support the SEMC and provide public information during emergencies Conducted a successful test of the State Public Information Line Continued to enhance support for the functions of the State Emergency Public Information Co-ordinator (SEPIC) functions. This included activation of SEPIC and associated support for public messaging during Level 3 emergency – Tropical Cyclone Veronica Conducted Intra-Government Crisis Communications training
Essential Services Network Operators Reference Group Chair: Mr Mark Vassiliou, Main Roads WA Executive Officer: Ms Sarah Clarke, Water Corporation	To provide a forum for the exchange of information that will assist or improve the operation of essential services or functions in relation to emergency management for the benefit of the community	2	<ul style="list-style-type: none"> Provided representation to various projects and working groups of the SEMC Reviewed policies, plans and guidelines as requested Shared learnings from incidents and exercises within the Essential Services Network Operators Reference Group (ESNORG) Provide representation on Response and Capability, Recovery and Community Engagement and Risk Subcommittees Provide representation State Exercise Coordination Team and Lessons Management Reference Group Attended State risk workshops and participated in exercises as requested Commenced investigation into a consistent approach to inform essential services network operators of any Total Fire Bans and vehicle harvest movement bans Commenced investigation into a consistent approach to essential services network operators liability cover under the <i>Emergency Management Act 2005</i>

Subcommittee / reference group	Objective	No of meetings	Key achievements and updates
<p>State Exercise Coordination Team</p> <p>Chair: Mr Duane Bell, APM Independent</p> <p>Executive Officer: Mr Mark Jeffs, DFES</p>	<p>To be the coordinating body for EM exercises in Western Australia that will provide expert advice, assistance and guidance to Emergency Management Agencies (EMAs) and non-government agencies in the preparation, coordination, delivery and evaluation of EM exercise activities</p>	1	<ul style="list-style-type: none"> Established the State Exercise Coordination Team Developed and received approval of a new State Exercise Framework. The new State EM Exercising model consists of a continuous Agency based capability exercise program. This runs concurrently with a State level exercise program culminating in a protracted State level multi-agency, multi hazard exercise every three years to test all levels of the State's arrangements Commenced revision of Managing Exercises training package obtained from State Emergency Services Tasmania Recommended the scenario of human epidemic and structural fire as the scenario for the first State Exercise in 2022
<p>Lessons Management Reference Group</p> <p>Chair: Ms Linda Savage, SEMC</p> <p>Executive Officer: Ms Tracy Smith, DFES</p>	<p>To provide oversight of the State's lessons management framework, including the identification and prioritisation of lessons and monitoring and reporting on the implementation of resultant actions across the EM sector</p>	2	<ul style="list-style-type: none"> Established the Lessons Management Reference Group Working group established to develop a structured database to manage and report the status of lessons across the emergency management sector Preliminary work commenced to consolidate and compare lessons by theme. This will reduce the number of open historical recommendations while ensuring that all appropriate actions are taken to address the issues identified

District emergency management committees

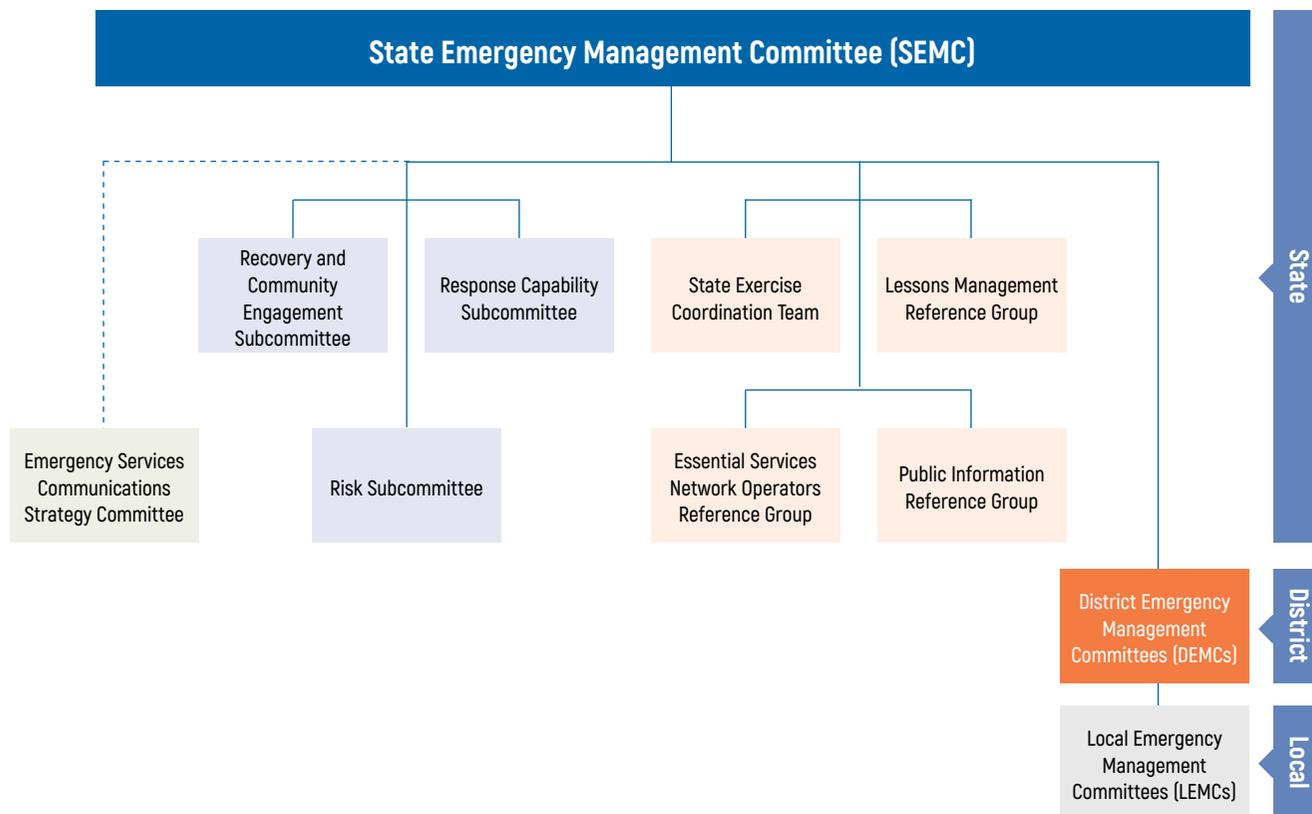


Figure 6: District emergency management committee positioning in the SEMC structure

The *Emergency Management Act 2005* establishes emergency management districts in Western Australia and district emergency management committees [DEMCs]. There are seven emergency management districts in the regions and four in the Perth metropolitan area.

The DEMCs are an integral part of the State's emergency management structure. Their members come from State and local government agencies, service providers and community agencies that have a key role in prevention, preparedness, response and recovery activities in their districts.

DEMCs are led by the Police Superintendent (Chair) and DFES Superintendent (Deputy Chair) in each district.

DEMCs form an important conduit between State and local-level emergency management. They are key forums for relationship building, bringing together decision-makers from emergency management agencies, industry and local government to discuss emergency management issues affecting their district.

DISTRICT ADVISORS

District Advisors (DAs) provide support to emergency management districts. DAs are located in Albany, Bunbury, Geraldton, Northam and Broome and two are in the Perth metropolitan area.

The key role of DAs is to engage with people across their districts to enhance emergency management abilities and capacities, and build resilience.

The DAs provide executive officer support to the DEMCs and provide advice and knowledge to local government and local emergency management committees (LEMCs).

The DAs promote prevention, preparedness, response and recovery activities and are a conduit between the regions and the SEMC on a wide range of topics including emergency management policy and legislation, recovery activities, recovery funding, risk assessment, capability development and preparedness, and annual reporting.

Some key achievements from the districts during 2018/19 were:

Great Southern

- Compiled the *Great Southern 2029: A Snapshot of the horizon for the Great Southern Emergency Management District Report*. This report investigated the strategic outlook identifying the trends across the State Core Objectives.
- Provided DEMC support to the State Risk Project for the local-level rollout.

Midwest

- Continued contribution to State Risk Project with more than 19 local governments commencing assessments and three local governments completing the project.
- Reviewed six local government local emergency management arrangements (LEMA).
- Established a sub-committee to develop and coordinate participation in exercises across the district.

South West

- Ran over 50 risk workshops to assist all 12 South West local governments with the local-level rollout of the State Risk Project.
- Facilitated DEMC exercises to introduce and familiarise members to Operation Area Support Group activations via technology and a cross boundary exercise with the South Metropolitan DEMC to develop interagency and inter-district relationships.
- Ensured all local governments have current LEMA in place.

Metropolitan (North, East, Central and South)

- Held pre-season forums for DEMC members and local government.
- Held exercises to test coordination, commencement of recovery, welfare and public information between neighbouring districts across hazards of flood, heatwave and terrorism.
- Consulted with DEMC members on possible changes to emergency management district boundaries resulting from changes to Police districts.

Wheatbelt

- Continued contribution to State Risk Project with more than 70% of local governments commencing assessments and nine Local Governments completing the project.
- Commenced the 5-10 year horizon scanning project through workshops held in Merredin.

- Conducted pre-season preparedness activities including small discussion exercises and a large pre-season workshop.
- Held a special meeting with a focus on the roll out of the National Broadband Network and its impacts on EM.
- Ensured LEMA reviews were commenced with seven LEMAs completed and endorsed by the DEMC with another six in draft.

Goldfields-Esperance

- Continued contribution to State Risk Project with seven of the nine local governments commencing assessments.
- Held a rail crash exercise to raise awareness of the challenges involved in responding to a significant incident on the rail line east of Kalgoorlie.
- Continued monitoring issue of emergency medical assistance and remote medical retrievals along the Eyre Highway.
- Held a Bushfire Season Review to discuss the 19 fires in the region this season with recommendations tabled at the DEMC for action.

Kimberley

- DFES and Geoscience Australia presented information to the Kimberley DEMC regarding the Severe Wind Hazard Assessment Project.
- Engaged with industry in an effort to foster good working relationships and facilitate better information sharing especially in relation to industry's risks and capabilities.

- Conducted a desktop exercise 'Red August' on 27 August 2018 as a result of the Shell Australia presentation on its floating liquefied natural gas facility, Prelude.
- Considered establishing an industry-based emergency management committee for Kimberley industry players at the request of the INPEX Corporation.

Pilbara

- Established a working group to review the issue of remote medical retrievals in the Pilbara district.
- DFES and Geoscience Australia presented information to the Pilbara DEMC on the Severe Wind Hazard Assessment Project.

Local emergency management committees

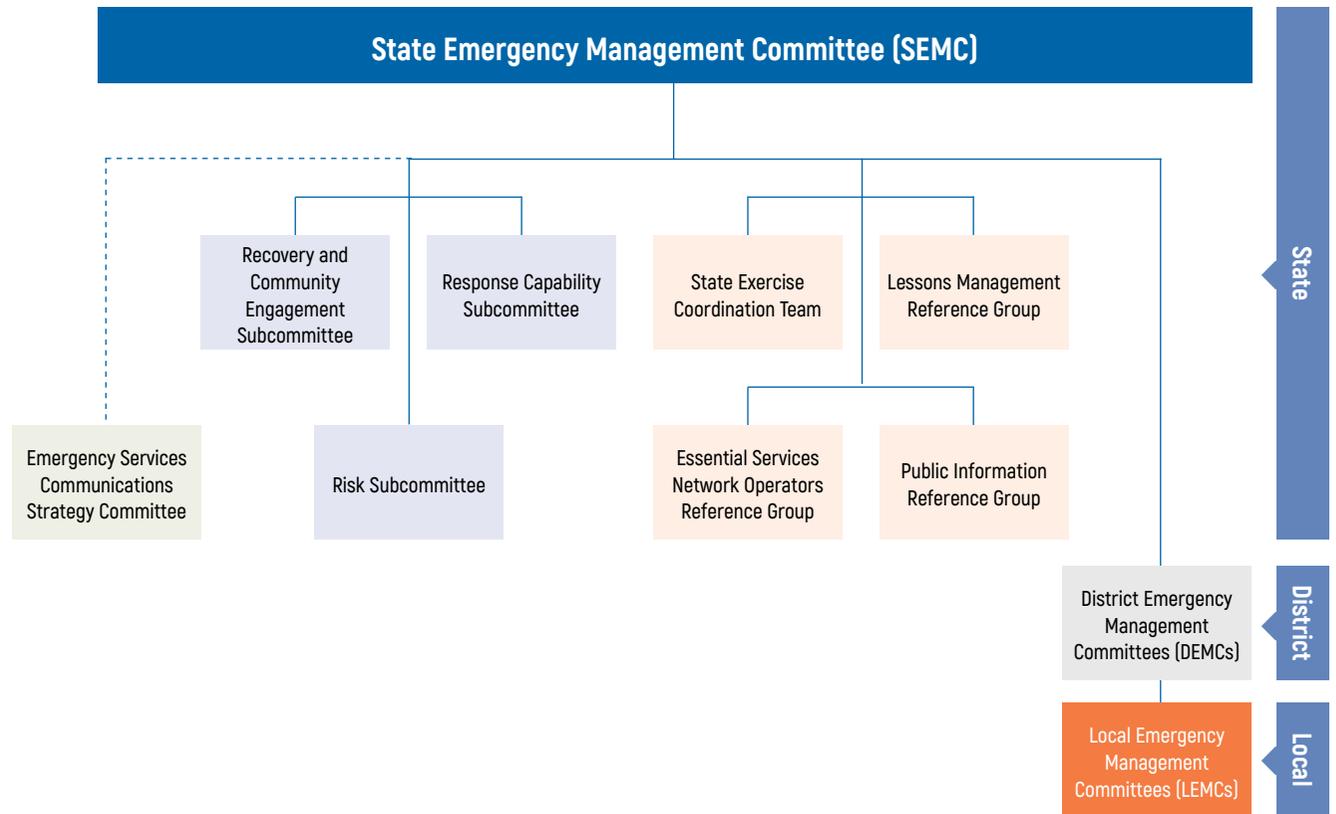


Figure 7: Local emergency management committee positioning in the SEMC structure

Section 38 of the *Emergency Management Act 2005* requires local governments to establish one or more LEMCs. The LEMCs advise and assist local governments to ensure that LEMAs are established, reviewed and tested in accordance with section 39 of the *Emergency Management Act 2005*.

The LEMCs have representation from organisations and agencies that play a role in emergency management within each area. Local governments are particularly important, providing expert knowledge about their communities and environments. It is the role of local governments not only to ensure that LEMAs are prepared and maintained, but also to manage recovery after an emergency.

STATUS OF LOCAL EMERGENCY MANAGEMENT ARRANGEMENTS

The *Emergency Management Act 2005* prescribes that all LEMAs should be consistent with the *Emergency Management Act 2005* and the State emergency management policies and plans. Further, local governments are required to have their LEMA noted by the SEMC.

The map illustrates the status of LEMA by local government, categorised as follows:

- LEMAs that are current
- LEMAs that are due for review in the next 12 months
- LEMAs that have been in place for five years or more and are overdue for review

The 2019 LEMA status shows a decline on the previous year, with 16 more local governments with LEMAs overdue for review than last year.

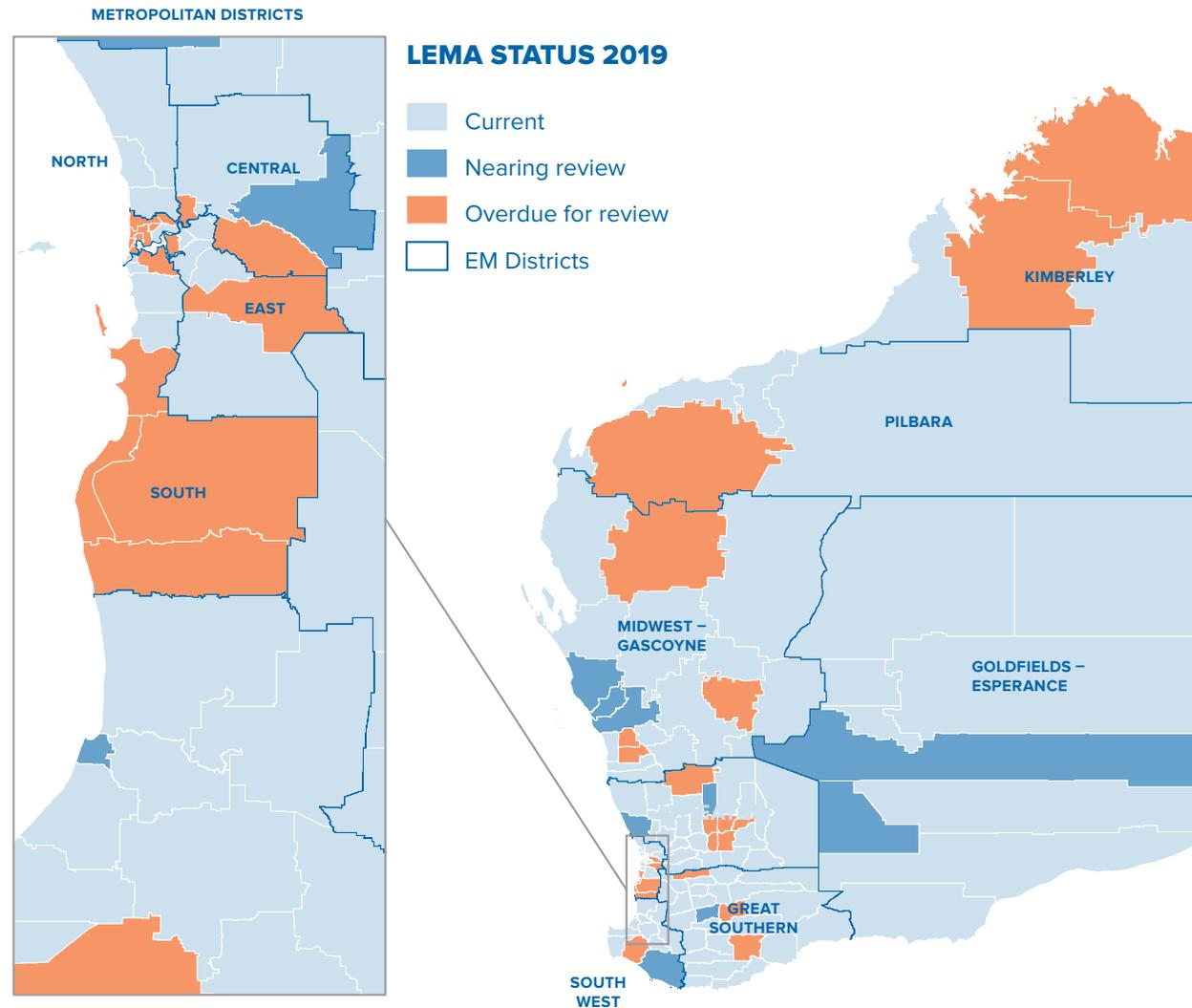


Figure 8: Status of local emergency management arrangements

The State Emergency Management Framework



CHANGES TO EMERGENCY MANAGEMENT LEGISLATION

There were no changes to emergency management legislation during the year.

CHANGES TO STATE EMERGENCY MANAGEMENT DOCUMENTS

Supporting the State's EM principle of continuous improvement and to maintain accuracy of the suite of State emergency management documents amendments were approved by the SEMC on 7 December 2018 and 10 May 2019.

These amendments included policy content and statement of fact (factual accuracy) amendments and corrections of a minor nature.

Amendments of note:

Throughout the year, the SEMC approved two updates to the suite of State emergency management documents. For a complete list of amendments please refer to the amendments tables published on the [SEMC Website](#).

- Integration of the State Exercise Framework into the suite of State EM documents
- Integration of State Support Plan
- Revision of public information arrangements to align with the newly released State Support Plan – Emergency Public Information

Figure 9: The State Emergency Management Framework

CHANGES TO STATE EMERGENCY MANAGEMENT PLANS (WESTPLANS)

Phase 7 of the SEMC's Policy and Governance Review Project (review project) involves the rationalisation of the original 26 Westplans into 13 SHP. This year has seen the publication of a further seven of these plans:

- SHP – Animal and Plant Biosecurity
- SHP – Crash Emergency
- SHP – Search and Rescue Emergency
- SHP – Hazardous Materials Emergencies (HAZMAT)
 - SHP – HAZMAT Annex A: Radiation Escape from Nuclear Powered Warship (NPW)
 - SHP – HAZMAT Annex B: Space Re-Entry Debris (SPRED)
- SHP – Maritime Environmental Emergencies
- SHP – Energy Supply Disruption
- SHP Plan – Human Biosecurity

In addition, two SSP were also finalised:

- SSP – Emergency Public Information
- SSP – Animal Welfare in Emergencies (interim)

Emergency Management Plans

Hazards are defined in both the *Emergency Management Act 2005* and the *Emergency Management Regulations 2006* to include specific events. Currently there are 27 prescribed hazards.

The SEMC has delegated responsibility for the development, maintenance and review of all relevant State Hazard Plans to the Hazard Management Agencies (HMAs).

SHP – Crash Emergency			
Hazard			
	Air Crash	Rail Crash	Road Crash
HMA	Commissioner of Police	Public Transport Authority and Arc Infrastructure*	Commissioner of Police
Plan Review Date	Aug 2023		

*Sections 20 and 21 of the *Emergency Management Regulations 2006* detail the areas of the State for which each is HMA.

SHP – Animal and Plant Biosecurity	
Hazard	
	Animal or plant: pests or diseases
HMA	Agriculture Director General
Plan Review Date	Mar 2020

SHP – Collapse/Earthquake* – Name of plan still to be determined		
Hazard		
	Injury or threat to life of persons trapped by the collapse of a structure or landform (collapse)	Earthquake
HMA	Fire and Emergency Services Commissioner	
Plan Review Date	Oct 2019	Aug 2021

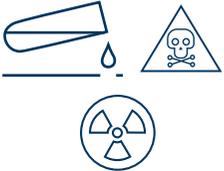
SHP – Severe Weather* – *Final name to be determined			
Hazard			
	Cyclone	Flood	Storm
HMA	Fire and Emergency Services Commissioner		
Plan Review Date	Aug 2020	Aug 2020	Dec 2019

SHP – Energy Supply Disruption			
Hazard			
	Loss of or interruption to the supply of electricity that is capable of causing or resulting in loss of life, prejudice to the safety, or harm to the health, of a person (electricity supply disruption)	Loss of or interruption to the supply of natural gas, that is capable of causing or resulting in loss of life, prejudice to the safety, or harm to the health, of a person (gas supply disruption)	Loss of or interruption to the supply of liquid fuel as defined in the Liquid Fuel Emergency Act 1984 section 3(1), that is capable of causing or resulting in loss of life, prejudice to the safety, or harm to the health, of a person (liquid fuel supply disruption)
HMA	Coordinator of Energy		
Plan Review Date	Dec 2023		

SHP – Fire (Interim)	
Hazard	
	Fire
HMA	Fire and Emergency Services Commissioner
Plan Review Date	Oct 2019

SHP – Human Biosecurity		
Hazard		
	Actual or impending spillage, release or escape of a biological substance that is capable of causing loss of life, injury to a person or damage to the health of a person, property or the environment.	Human Epidemic
HMA	State Health Coordinator	State Human Epidemic Controller
Plan Review Date	May 2024	

SHP – Maritime Environmental Emergencies		
Hazard		
	Actual or impending spillage, release or escape of oil or an oily mixture that is capable of causing loss of life, injury to a person or damage to the health of a person, property or the environment (marine oil pollution)	Actual or impending event involving a ship that is capable of causing loss of life, injury to a person or damage to the health of a person, property or the environment (marine transport emergency)
HMA	Marine Safety, General Manager	
Plan Review Date	Sep 2020	

	SHP – Hazardous Materials Emergencies (HAZMAT)	SHP HAZMAT Annex A: Radiation Escape from a Nuclear Powered Warship (NPW)	SHP HAZMAT Annex B: Space Re-Entry Debris (SPRED)
Hazard			
	Actual or impending spillage, release or escape of a (a) chemical, (b) radiological or (c) other substance (HAZMAT) that is capable of causing loss of life, injury to a person or damage to the health of a person, property or the environment	Radiation Escape from a Nuclear Powered Warship	Space Re-entry Debris
HMA	Fire and Emergency Services Commissioner	Commissioner of Police	Commissioner of Police
Plan Review Date	Aug 2023	Mar 2021	Aug 2020

SHP – Heatwave	
Hazard	
	Heatwave
HMA	State Health Coordinator
Plan Review Date	May 2023

SHP – Search and Rescue Emergency		
Hazard		
	Land Search – for persons lost or in distress, that requires a significant coordination of search operations	Marine Search– for persons lost or in distress on inland waterways within the limits of a port or in a fishing vessel or pleasure craft within the limits of a port or at sea
HMA	Commissioner of Police	
Plan Review Date	Aug 2023	

SHP – Terrorist Act	
Hazard	
	Terrorist Act
HMA	Commissioner of Police
Plan Review Date	Aug 2019

SHP – Tsunami	
Hazard	
	Tsunami
HMA	Fire and Emergency Services Commissioner
Plan Review Date	Aug 2020

State Support Plans		
SSP – Emergency Public Information	Public Information Reference Group	Dec 2023
SSP – Animal Welfare in Emergencies (Interim)	Department of Primary Industries and Regional Development	Nov 2019
SSP – Emergency Welfare	Department of Communities	To be determined
State Health Emergency Response Plan	Department of Health	Sep 2022

Figure 10: Hazards and HMAs

 Denotes SHP and SSP that have not yet been converted to the new format



CHAPTER 3

Significant issues impacting on the committee

Current and emerging issues and trends

Mitigation

The emergency management sector is dynamic. The appropriate response to emerging issues and trends ensures the safety of the WA community and first responders.

SEMC has consistently emphasised the importance of a balance between prevention, preparedness, response and recovery to build resilience. Historically, the EM sector has focused on response and recovery activities. In recent years increased action in the areas of prevention and preparedness have been recognised. This has been driven, in part, by the increasing number and size of emergency events observed across the country and the desire to mitigate the impact to our communities.

The importance of mitigation and accountable and integrated decisions has been highlighted by several national and state level frameworks and projects. A focus on mitigation not only minimises the impact of existing risks, it also considers emerging risks within decision making frameworks. This approach should be underpinned by a contemporary and robust mitigation policy.

Footnote:
State Risk Project; Emergency Preparedness Report; National Inquiry into Natural Disaster Funding; National Disaster Risk Reduction Framework; Australian Vulnerability Profiling

Crowded Places

In 2018 the Community Development and Justice Standing Committee commenced an inquiry into the protection of crowded places in WA from terrorist attack. The final report titled *Near enough is not good enough* was tabled in the Legislative Assembly on 21 March 2019.

Several of the reports 36 Findings and 19 Recommendations relate directly to the SEMC. Recommendation two specifically suggests expanding the definition of hazards in the *Emergency Management Act 2005*. The Government has established the Security and Emergency Committee of Cabinet to support actions that enhance the security and emergency preparedness of the State.

Climate Change

Across Australia, the emergency services and emergency management sectors are seeing the effects of a changing climate. In the summer of 2019, eight of the 10 hottest days on record occurred across the country. Australia also experienced the highest recorded daily monsoon rainfall event (Townsville) and highest recorded fire danger index rating (Tasmania). Globally, the planet is around one degree warmer than the pre-industrialised average temperature. These temperatures are continuing to rise and there is evidence that fire seasons are getting longer.

The climate models suggest the impacts in WA will be:

- a further drying of the South West with an associated elevation of fire risk
- an increased potential for monsoonal activity in the mid and northern areas of the State, with associated storm, storm-surge, and flooding
- larger and more frequent heatwaves

These impacts will be challenging for the emergency management sector. Forward planning, including scenario and risk analysis and considering adaptation measures for emergency management agencies will ensure we can be better prepared.

SEMC Strategic Plan

In response to the changing environment, the SEMC is developing a new strategic plan to build on the achievements of the 2017-2020 strategic plan and reflect the current membership of the SEMC. The new strategic plan will be structured to be applicable at the State, district and local levels.

The Strategic Plan will be developed in broad consultation across State, district and local levels prior to approval and publication by the Committee. Implementation is anticipated to commence in 2020.

Changes at the national level

A series of national frameworks that were approved in 2018/19 are now ready for implementation across jurisdictions. The Commonwealth Government led the development of these frameworks with WA representation and input.

New disaster recovery funding arrangements (DRFA-WA) were introduced by the Commonwealth on 1 November 2018. Since that date DRFA-WA has replaced WANDRRA for all new events.

The DRFA-WA introduced a series of significant changes to claiming assistance for the repair of essential public assets and increased assurance requirements.

Significant consultation occurred prior to the rollout of the DRFA-WA. Guidelines, supporting templates, fact sheets and frequently asked questions supported stakeholders to understand and implement the new arrangements. WALGA webinars, forums, regional road groups and individual one-on-one meetings were held to inform stakeholders of the changes. DFES Recovery works closely with local governments and agencies impacted by DRFA-WA eligible emergencies.

The National Disaster Risk Reduction Framework was approved in June 2019. It outlines a coordinated approach to reducing disaster risk and applies across all sectors of society.

The Framework contains four national priorities:

- Priority 1 – Understand disaster risk
- Priority 2 – Accountable decisions
- Priority 3 – Enhanced investment
- Priority 4 – Governance, ownership and responsibility of the risk reduction

Western Australia is advanced in implementing Priority 1 through the State Risk Project. It has commenced work on Priority 2 through mitigation and treatment analysis and is commencing work on risk ownership and mitigation policy in alignment with Priority 4. The SEMC use risk and capability data to inform decision making across the grant programs they administer. A further focus on Priority 3 is critical to enhance the commercial aspects of risk reduction.

The Australian Disaster Preparedness Framework (ADPF) for severe to catastrophic disasters addresses the requirements of the Sendai Framework for Disaster Risk Reduction 2015 – 2030, to build Australia's resilience, preparedness and management of disasters. The Framework is designed to complement the National Strategy for Disaster Resilience and support the National Disaster Risk Reduction Framework.

Globally, a greater frequency of severe and catastrophic disasters is being experienced. Planning for events of this scale within Australia is now a priority including understanding the interstate and international resource sharing opportunities.

The ADPF identifies 20 capability areas for national development to tackle severe and catastrophic disasters. In WA the SEMC Capability Framework has 33 core capabilities and 48 achievement objectives, which can largely be mapped against the 20 ADPF capability areas.

In December 2018, the Council of Australian Governments agreed to increase coordination of natural hazard and emergency health exercises. A national exercise calendar will be implemented to improve visibility of exercises across jurisdictions and enhance opportunities for engagement across sectors.

With an increase in the volume of emergency management exercises occurring across Australia and New Zealand all jurisdictions will benefit from increased visibility and coordination of activities. WA's new State Emergency Management Exercise Framework was approved by the SEMC on 7 December 2018. The new exercise framework proposed the development of a State-wide exercise calendar, supporting the national approach.

The National Partnership Agreement (NPA) for Natural Disaster Resilience expired on 30 June 2018. WA received a total of \$9.4 million over three years to deliver natural disaster resilience activities. The Commonwealth is considering entering into a new five-year agreement with each jurisdiction to undertake similar activities, with a matched-funding requirement. Negotiations continue at a representative level and have not yet been endorsed by WA.

Continued discussions are required to ensure that the risk to the State is adequately managed.

National collaboration is occurring to deliver enhanced technology for response activities through a national Public Safety Mobile Broadband (PSMB) capability. The PSMB capability is designed to improve operations across all public safety activities. The Commonwealth, and the State and Territory governments are working to develop the capability in accordance with the PSMB Strategic Roadmap endorsed by the Council of Australian Governments in December 2018.



CHAPTER 4

Disclosures and compliance

Enabling legislation

The SEMC is established by section 13 (1) of *the Emergency Management Act 2005*

Responsible Minister

The Hon. Francis Logan MLA, Minister for Emergency Services

Administered legislation

The SEMC assists the Minister for Emergency Services in the administration of the *Emergency Management Act 2005*

Shared responsibilities with other agencies

The SEMC relies on the work of multiple organisations to undertake its functions. DFES supports the SEMC, three subcommittees and two reference groups. WA Police supports the PIRG and Main Roads and the Water Corporation jointly support the ESNORG. Each subcommittee and reference group comprises organisational executives and senior personnel from a range of public sector agencies and private organisations. The ongoing collaboration and integration of all parties is critical to the success of the SEMC and the progression of emergency management arrangements across the State.

Ministerial directions

No Ministerial directions were received during 2018/19.

Other disclosures

The SEMC meets its requirements through arrangements with DFES. The DFES Annual Report contains information on how the Department meets the following requirements:

- Disability access and inclusion plan outcomes
- Compliance with Public Sector standards and ethical codes
- Recordkeeping plans
- Freedom of information
- Equity and diversity
- Reconciliation Action Plan
- Staff development

Remuneration of Members

Position	Name	Type of remuneration*	Period of membership**	Total fees 2018/19
Chair	Dr Ron Edwards	Per annum	Full Year	\$66,078
Deputy	Ms Melissa Pexton	Nil	Full Year	
Member	Mr Malcolm Cronstedt	Nil	Full Year	
Member	Mr Chris Dawson	Nil	Full Year	
Member	Mr Darren Klemm	Nil	Full Year	
Member	Mr Darren Foster	Nil	Full Year	
Member	Mr Richard Simpson	Per annum	2 months	\$5,972
Member	Ms Linda Savage	Per annum	10 months	\$27,194
Member	Ms Ricky Burges	Nil	7 months	
Member	Mr Grahame Searle	Nil	7 months	
Member	Mr Mark Webb	Nil	Full Year	
Member	Dr David Russell-Weisz	Nil	3 months	
Member	Dr Andy Robertson	Nil	9 months	
			Total	\$99,244

Figure 11: Remuneration of Members.

Acronyms

ADPF	Australian Disaster Preparedness Framework	LEMA	Local emergency management arrangements
AFSM	Australian Fire Service Medal	LEMC	Local Emergency Management Committee
APM	Australian Police Medal	NDRP	Natural Disaster Resilience Program
AWARE	All West Australians Reducing Emergencies	NPA	National Partnership Agreement
CBRN	Chemical, biological, radiological and nuclear	NPW	Nuclear Powered Warship
DA	District Advisor	OEM	Office of Emergency Management
DBCA	Department of Biodiversity, Conservation and Attractions	PIRG	Public Information Reference Group
DEMC	District Emergency Management Committee	PSMB	Public Safety Mobile Broadband
DFES	Department of Fire and Emergency Services	PTA	Public Transport Authority
DMIRS	Department of Mines, Industry Regulation and Safety	PUO	Public Utilities Office
DOT	Department of Transport	SEMC	State Emergency Management Committee
DPIRD	Department of Primary Industries and Regional Development	SEPIC	State Emergency Public Information Co-ordinator
DRFA-WA	Disaster Recovery Funding Arrangements	SHP	State Hazard Plan
EM	Emergency Management	SPRED	Space Re-Entry Debris
EMA	Emergency Management Agency	SSP	State Support Plan
HAZMAT	Hazardous materials	WA	Western Australia
HMA	Hazard management agency	WALGA	Western Australian Local Government Association
		WANDRRA	Western Australia Natural Disaster Relief and Recovery Arrangements

Contact information

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