

Sussex Inlet & District Community-led Complementary Adaptation and Resilience Sub-Strategy

A component of the Shoalhaven Community-
Led Adaptation & Resilience Strategy

Developed by the Sussex Inlet and District Community-
based Resilience Group

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This report is a complementary Sub-Strategy to the city-wide Community-Led Adaptation and Resilience Strategy for Shoalhaven (December 2022)

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Glossary

Adaptation: The term adaptation in this report refers to taking deliberate and considered actions to avoid, manage or reduce the consequences of actual or expected disruptive events and their effects or impacts and to take advantage of the opportunities that such events may generate.

Capacity: A combination of all the strengths and resources available with a community or organisation that can reduce the level of risk, or the effects of a disaster.

Capacity building: Efforts aimed to develop human skills within a community, organisation or institution needed to prepare, withstand, and recover from disruptive events.

Community empowerment: Community empowerment refers to measures designed to increase the degree of autonomy and self-determination in people and in communities in order to enable them to represent their interests in a responsible and self-determined way while acting on their own authority.

Community-led planning: A 'step-by-step process, that enables every citizen to participate in, and contribute to, improving the social, economic, environmental, and cultural well-being of their local area.

Community Resilience: A resilient community has the ability to adapt to changes in the physical, social, or economic environment, and the potential to learn from experience and improve over time.

Disruptive Events: Disruptions to the functioning of a community that exceed its capacity to cope using its own resources. For example, extreme weather events, pandemics, bushfires, floods, landslides, heatwaves, tsunamis, and other disasters.

Integrated Science: Includes traditional science, community knowledge and citizen science

Preparedness: Activities and measures taken in advance to ensure effective response to the impact of disasters, including the issuance of timely and effective early warnings and the temporary removal of people and property from a threatened location.

Redundancy: In engineering and planning fields, redundancy is the intentional duplication of critical components or functions of a system with the goal of increasing reliability of the system, usually in the form of a backup or fail-safe, or to improve actual system performance.

Resilience: Resilience is a system or community's ability to rapidly accommodate and recover from the impacts of hazards, restore essential structures and desired functionality, and adapt to new circumstances.

Resources: In this report, the term resources include Human resources (e.g. labour, time, skills, and management), and nonhuman resources (e.g. capital, financial resources, and technology).

Acronyms

CLARSS: Community Led Adaptation and Resilience Strategy for Shoalhaven

MERIL: Monitor, Evaluate, Report, Improve and Learn.

RIRP: Recovery Into Resilience Project

SCRN: Shoalhaven Community Resilience Network

SI&D CRG: Sussex Inlet Community-Based Resilience Group

SWOT: Strengths, Weaknesses, Opportunities, Threats

1. Background

Following the devastating impacts of the 2019/20 bushfire season, Shoalhaven City Council has initiated the Recovery Into Resilience Project (RIRP), which aims to improve the Shoalhaven community's ability to plan, respond and recover from future disruptive events¹.

As part of this process, a research team from Griffith University has been working with Council and members of a community based working group on the development of a Community-led Adaptation and Resilience Strategy for the whole of Shoalhaven.

In addition to the Shoalhaven strategy, individual communities were offered the opportunity to work with Griffith University to develop their own adaptation and resilience complementary sub-strategy to reflect the specific needs and aspiration of their local community.

Individual communities' sub strategies are complementary to the whole-of-Shoalhaven strategy.

2. Introduction

This Sussex Inlet Community-led Adaptation and Resilience Complementary Sub-strategy was developed by a group of ten community members from the Sussex Inlet & District community over three workshops with experienced facilitators from Griffith University.

Working Group participants are active members of several local community groups, including the Neighbourhood Centre, Sussex Inlet Community Consultative Body, Lions, Rural Fire Service, Red-Cross, Marine Rescue, and Men's Shed.

Three of the Sussex Inlet & District Working Group's members were also involved in the development of the whole of Shoalhaven Adaptation and Resilience Strategy, and almost all members were involved in the development of Sussex Inlet and District Strategic Action Plan that was launched in 2016 and updated and revised in 2019.

This report details the methodology used to develop this sub-strategy and highlights the key outcomes from the three workshops held in Sussex Inlet between August and October 2022. The key outcomes with respect to the Sussex Inlet and District include:

- ▶ Results of the SWOT analysis;
- ▶ Vision Statement;
- ▶ List of Key Priority Issues;
- ▶ Alignment assessment of Key Priority issues against proposed Policies and Actions for Shoalhaven prepared by the overarching Working Group;
- ▶ List of additional proposed actions specific to Sussex Inlet & district community;

¹ Disruptive events may include extreme weather events, pandemics, bushfires, floods, landslides, heatwaves, tsunamis, and other disasters.

- ▶ Full list of all proposed policies and actions to be included in the Adaptation and Resilience Complimentary Sub-Strategy for Sussex Inlet & District Community.

3. Methodology

The Sub-strategy was developed over three, half-day workshops, held in Sussex Inlet and facilitated by a research team from Griffith University. A brief overview of the methodology used in this process is captured in Figure 1. Additional information about the objectives and key outcomes of each workshop are detailed below.

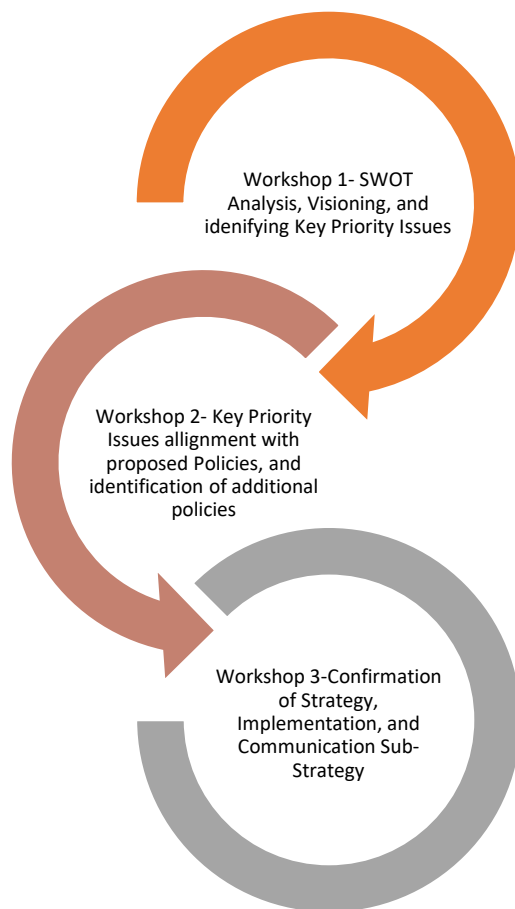


Figure 1: Process used to develop the Sussex Inlet and District Community Adaptation and Resilience Complimentary Sub-strategy

Workshop 1 Objectives

- I. To brief participants on the overarching project
- II. Complete a SWOT analysis for Sussex Inlet
- III. Identify key priority issues in relations to adaptation and resilience that should be addressed by the *Local Community Complimentary Sub-strategy*
- IV. To develop a Vision for Sussex Inlet relevant to this initiative
- V. To identify existing local initiatives relevant to this initiative

Workshop 2 Objectives

- I. To review SWOT analysis results for Sussex Inlet

- II. To confirm key priority issues that should be addressed by the *Local Community Complementary Sub-strategy* for Sussex Inlet
- III. To review alignment of key priority issues with Working Group Policies and Actions
- IV. To scope additional policies and actions if required
- V. To identify existing local initiatives relevant to this initiative

Workshop 3 Objectives

- I. Confirm Sub-Strategy Policies and Actions
- II. Develop Implementation Plan (including MERIL aspects)
- III. Develop Communication Plan

Due to time constraints, the Working Group was unable to address some detailed aspects dealing with implementation and communication aspects of the Sub-strategy. These matters will be addressed after the finalisation of the Whole-of Shoalhaven strategy.



Image: Members of the Sussex Inlet and District Community-based Resilience Group During a Workshop (Griffith University)

4. Key Outcomes

4.1 SWOT Analysis- Results

During the first workshop, the Working Group identified the key strengths, weaknesses, opportunities, and threats that are facing the Sussex Inlet & District community now and in the future.

4.1.1 Strengths

Despite having a relatively small resident population, Sussex Inlet and District (SI&D) is well supported by a range of services and facilities, including emergency response and support services (both government and community-based), medical and social services, and community infrastructure. It has a strong network of community groups and volunteers and a vast range of skills, knowledge, and experience within the community. The area is known for its environmental attributes, which are well appreciated by community members and visitors.

Strengths refer to **positive** Sussex Inlet & District's attributes that could be built upon in order to improve its ability to withstand and recover from disruptive events and achieve a higher degree of community resilience.



Figure 2. A Word Cloud Showing the key Strengths of the Sussex Inlet and District Community.

4.1.2 Weaknesses

The SI&D community has experienced many extreme weather events in the past, but there is still some confusion within the community about basic emergency response protocols and definitions. There is also a high degree of apathy about the need to improve community resilience to withstand and recover from disruptive events, as well as about individual responsibility in preparing for such events. In addition, there is some concern about vulnerable infrastructure, such as telecommunication and power, and the limited road access. Concerns also exist about the ability of some members of the community (mainly elderly) to access information during emergencies due to limited proficiency in using technology. SI&D offers limited employment opportunities and has a relatively high unemployment rate. It has a large proportion of ageing residents who rely heavily on supporting services.

Weaknesses refer to **negative** Sussex Inlet & District's attributes that will need to be countered in order to improve its ability to withstand and recover from disruptive events and achieve a higher degree of community resilience.



Figure 2. A Word Cloud Showing the key Weaknesses of the Sussex Inlet and District Community

4.1.3 Opportunities

A number of national, state and local government initiatives (backed up by funding) in relation to infrastructure, health and wellbeing, emergency recovery and resilience, and renewable energy could facilitate and support local initiatives related to these themes. There is also an opportunity to engage with local and state regulatory review processes to promote mitigation and adaptation initiatives (e.g. in relation to planned retreat, zoning, etc.). The vast knowledge and experience that exists within the community could support a shift towards greater self-sufficiency through knowledge sharing as well as be utilised by emergency services to better inform preparedness and response to disruptive events.

Opportunities refer to **future external events or circumstances** that could present Sussex Inlet & District with opportunities to better withstand and recover from disruptive events and improve its community resilience.

OPPORTUNITIES

POLICY OPPORTUNITIES



INITIATIVES SUPPORTED BY LOCAL AND STATE GOVERNMENT POLICIES

LOCAL HUB TO FOSTER COLLABORATION



CO-LOCATE LOCAL GROUPS- A HUB THAT IMPROVES COLLABORATION (PROCESS AND STRUCTURE)

RECOMMENDATIONS FROM INQUIRIES



TAKE ADVANTAGE OF OUTCOMES FROM INQUIRIES (E.G. PROVIDE BETTER EQUIPMENT, TRAINING, EDUCATION), ETC.)

USE LOCAL KNOWLEDGE IN DISASTER MANAGEMENT



USE OF LOCAL KNOWLEDGE IN DISASTER MANAGEMENT

LOCALISED SKILL TRANSFER



COMMUNITY GROUPS TO FOSTER SKILLS AND SELF RELIANCE THROUGH MANIFESTING TRANSFER OF LIFE AND TECHNICAL SKILLS (E.G. GARDENING) FOR YOUTH AND OTHERS TO BECOME A LITTLE MORE "SELF SUFFICIENT".

MECHANISM TO ALLOW RETREAT FROM FLOOD PRONE AREAS



MECHANISMS TO ALLOW RETREAT FROM FLOOD PRONE AREAS ARE IN PLACE.

4.1.4 Threats

Like every community, the SI&D community can be negatively impacted by worldwide events such as pandemic, global economic downturn, geopolitical tensions or wars, and climate change. However, closer to home, SI&D residents are concerns about growing population and associated urban sprawl and the impact it is likely to have on natural ecosystems, agricultural land (and food security), and their lifestyle. Over development may also add extra pressures on existing infrastructure and services.

Threats refer to **future external events and circumstances** that could pose a threat to Sussex Inlet & District improving its ability to withstand and recover from disruptive events and achieve a higher degree of community resilience.

THREATS

WAR/INVASION



ECONOMIC DOWNTURN



PANDEMICS



EXTREME WEATHER EVENTS



URBAN SPRAWL



DENSIFICATION



MENTAL HEALTH (PTSD)



INCREASED INCIDENTS OF PTSD AND LACK OF SUPPORT

4.2 The 2050 Vision for Sussex Inlet & District Community

A shared Vision statement is a critical component of any strategic planning process. A Vision statement embodies shared values and serves to identify strategic issues and aspirations, which moves the community closer to its desired future.

Following the SWOT analysis, the Sussex Inlet & District Working Group noted the strong alignment between their aspirations for a future SI&D community and that of the Working Group for the whole of the Shoalhaven. Hence, they have adopted a SI&D specific version of the Vision that was developed to guide the whole of Shoalhaven Adaptation and Resilience Strategy. The Vision focuses on building a strong resilient community through capacity building, utilising existing knowledge and skills, and improving collaboration between the community and service providers (public and private) in efforts to better withstand, adapt and recover from future disruptive events.

A Vision for an Adaptative and Resilient Sussex Inlet & District Community

“The Sussex Inlet & District community will be informed, well-connected, engaged, diverse, inclusive and safe, promoting self-sufficiency and care for all people. We will use our local grassroots networks and community skills, partnering with appropriate services to enable our people and environment to better withstand, adapt and recover from disruptive events.”

4.3 Key Priority Issues

Key Priority Issues are important matters that participants believed should be addressed in the Sussex Inlet and District Community Complimentary Sub-Strategy as part of the Shoalhaven Community Led Adaptation & Resilience Strategy. They include:

- ▶ Continuous community consultation and transparency
- ▶ Supporting & resourcing local community organisations/ streamline processes and procedures
- ▶ Resolving the statutory /policy requirements for establishing city and local emergency shelters
- ▶ Providing alternate evacuation routes/options (road, sea, air)
- ▶ Maintain and upgrade fire trails to support emergency services and the community
- ▶ Improving community awareness and understanding of the impacts of future disaster and the need for resilience planning now
- ▶ Improve infrastructure (telecommunication, power) and build in redundancy
- ▶ Create a mechanism for financing planned retreat (eg Buy back schemes).

In addition to these specific Key Priority Issues identified by the SI&D Working Group, the research team identified a number of elements from their SWOT analysis that could further enhance the Sussex Inlet & District’s capacity to achieve its desired Vision. These include:

- ▶ Taking advantage of outcomes from inquiries
- ▶ Local skill and knowledge transfer to enhance individual’s self sufficiency
- ▶ Addressing the threat of urban sprawl and loss of bushland and agricultural land
- ▶ Increased mental health risk post disruptive events.

4.3.1 Key Priority Issues Alignment with Policies and Actions identified by the Whole of Shoalhaven Working Group

When the SI&D Key Priority Issues are compared with the Policies and Actions that were already developed for the whole of Shoalhaven Adaptation and Resilience Strategy, a strong alignment became evident. Hence, where this alignment existed (ie the existing Policy or Action covered the Key Priority Issue) it became a matter of localising the Shoalhaven-wide Policy or Action to make it relevant to the SI&D situation.

The alignment of SI&D Key Priority Issues and the Whole-of-Shoalhaven Working Group Policies and Actions is set in Table 1. Issues highlighted with a black asterisk identify a policy gap that was subsequently addressed by the development of new policies or actions, or by amending existing policies or actions.

Table 1: Alignment of Sussex Inlet & District’s Priority Issues with Working Group’s Policies and Actions

Sussex inlet’s Priority Issues	Working Group’s Policies and Actions
Continuous community consultation and transparency	Policy B1 (Action B1.2) Policy B3 (Actions B3.1; B3.2) Policy B4 (Actions B4.1; B4.2) Policy B5 (Actions B5.1; B5.2) Policy C1 (Action C1.7) Policy D1 (Action D1.2) Policy G (Action G.1.5)
Supporting & Resourcing local community organisations/ streamline processes and procedures	Policy A1 (Actions A1.1; A1.2; A1.4; A1.5) Policy A2 (Actions A2.1; A2.2; A2.3; A2.4)
Resolving the statutory /policy requirements for establishing city and local emergency shelters	*
Providing alternate evacuation routes/options (road, sea, air)	Policy D1 (Actions D1.1; D1.2) *
Maintain and upgrade fire trails to support emergency services and the community	Policy D1 (Actions D1.1; D1.2) *

Improving community awareness and understanding of the impacts of future disaster and the need for resilience planning now	Policy A3 (Actions A3.1; A3.3; A3.4; A3.5) Policy A4 Policy A5 (Action A5.2) Policy B1 (Action B1.3) Policy C1 (Actions C1.1; C1.3; C1.4; C1.6; C1.7) Policy F1 (Actions F1.1; F1.2) Policy F2 (Actions F2.1; F2.2; F2.3; F2.4)
Improve infrastructure (telecommunication, power) and build in redundancy	Policy B7 (Action B7.1) Policy F3 (Action F3.1)
Create a mechanism for financing planned retreat (eg Buy back schemes)	Policy B2 (Action B2.5) Policy C1 (Actions C1.1; C1.3; C1.4; C1.5; C1.6; C1.7)
Selected SWOT elements not covered by Priority Issues	
Opportunity: Outcomes from inquiries (take advantage of ...) (e.g. provide better equipment, training, education)	*
Opportunity: Community groups to foster skills and self reliance through manifesting transfer of life and technical skills (e.g. gardening) for youth and others to become a little more “self sufficient”.	Policy E1 (Action E1.1) Policy E2 (Actions E2.1; E2.3)
Threat: Urban sprawl and loss of bushland and productive land Threat: Densification	Policy B2 (Actions B2.1; B2.3; B2.4; B2.5)
Threat: Increased incidents of PTSD and lack of support	Policy C1 (Actions C1.3; C1.4; C1.5; C1.7)

*** Possible new policies required to address new community Priority Issue identified**

Sussex Inlet & District Working Group developed four new additional actions to address the deficiencies identified in the alignment table. These are:

Action A2.4: Promote participation in the SI&D community-based resilience group to all interested individuals in the community

Action A3.7: Foster the intergenerational transfer of life skills and knowledge through local community based initiatives and groups.

Action B3.4: Develop and resolve the statutory policies for designating appropriate official local emergency shelters consistent with the Royal Commission into National Natural Disasters Arrangements.(also applies to B4.4 and B5.4)

Action D1.8: Work with Council and other relevant authorities to develop a program to maintain asset protection zones consistent with residents' aspirations.

Actions B3.4, B4.4 and B5.4 were agreed by the Shoalhaven Working Group to be relevant to the whole of the Shoalhaven and hence were incorporated into the full Strategy, leaving A3.7 and D1.2 to be specific to the Sussex Inlet Complementary Sub-strategy. Hence, the full Strategy along with these two SI&D specific strategy applies to the Sussex Inlet & District.

A full version of the Sussex Inlet & District Adaptation and Resilience Complementary Sub-strategy can be found in Appendix A.

5. Links with existing initiatives

In May 2016, the Sussex Inlet & District community released their Community-led Strategic Action Plan. The Action Plan was developed with the aim to allow the local community to maximise their capacity to better adapt and improve their resilience to future natural hazards, a changing climate and economic, social and environmental impacts. The Action Plan identified priority policies to enable the community to successfully engage with existing and future planning processes of various levels of government and non-government agencies and organisations. This Action Plan also allowed the community to take opportunities as they presented themselves to promote a high degree of liveability for their area. The Action Plan was upgraded and revised through a series of workshops in 2019.

The Action Plan comprises 27 policies distributed across eight themes, namely: disaster management, economic development, tourism, youth, environment, community development, town planning, and infrastructure (to access a review of the Strategy relevant to this initiative, click [HERE](#)).

A review of the Action Plan was undertaken to identify and highlight potential linkages with this Sussex Inlet & District Adaptation and Resilience Complementary Sub-strategy.

This review highlighted that both strategies aim to strengthen the community's capacity to be better prepared, respond and recover from disruptive events. Specifically, linkages were found around the following issues:

- The need for greater community involvement in emergency preparedness, response, and recovery.
- The need to enhance the support for community involvement in emergency preparedness, response, and recovery (through a range of education and training initiatives).
- Enhancing youth involvement and intergenerational knowledge transfer
- Reconcile the need for Asset Protection Zones with protection of special attributes
- Improve the integration of the latest science in land use planning decisions.
- Improve the diversification of the local economy.
- Increase transient population's preparedness for disruptive events
- Improve communication systems and build in redundancy.

The linkages to the Sussex Inlet and & District Strategic Action Plan (SI&D SAP) (revised 2019) can be found in column 5 of the tables in Appendix A of this document. They are highlighted in a large and bold text.

6. Implementation

During the third workshop, participants finalised their local community plan and discussed implementation matters, including: assigning implementation responsibility, resourcing issues, implementation sequencing, and the MERIL process². Whilst these matter have been given high level consideration (see Implementation Details in Policy-Action tables in Appendix A), further specific details of these matters will be the subject of consideration after the Whole-of-Shoalhaven Adaptation and Resilience Strategy is finalised.

Consistent with the overarching Whole-of Shoalhaven project, the SI&D Sub-strategy in based on the underpinning philosophy of a “Community-Led” approach. Hence the principal responsible for its implementation will rest with a local SI&D community based group, ideally based on the Working Group (supplemented) who participated in the preparation of this Sub-strategy. This approach is consistent with the planning principle: “plan implementation should ideally be implemented by those who prepared the plan”. Whilst this local SI&D group has yet to be formalised, it has been temporarily referred to in this document as: the SI&D local community-based resilience group (SI&D CRG). Matter such as this will be finalised at the future workshop previously referred to.

² MERIL stands for: Monitor, Evaluate, Report, Improve, and Learn.

Sussex Inlet & District Adaptation and Resilience Complementary Sub-Strategy Outline

Note: The tables below include the complete list of SI&D relevant policies and actions developed from the whole of Shoalhaven Adaptation and Resilience Strategy, as well as new or modified policies for the SI&D community. Where specific actions had no direct equivalence in the local contexts, a note was added reading: “no direct SI&D equivalence”.

Note about Priority/Timing: Implementation of the Sub-strategy will occur in stages. Stage 1- first 12 months- consists of actions denoted as High (immediate) and High. Stage 2- will start once Stage 1 actions have been implemented, or are sufficiently underway, to enable the initiation of some medium and low priority actions.

Note about linkages: where linkages to another initiative exist, the linkages will be highlighted in the fifth column of this table in a **Large and bold font**.

ISSUE A: Community Development & Empowerment

POLICY/ACTIONS	IMPLEMENTATION DETAILS			
SI&D Policy A1: Support the establishment of a network of local community-based resilience groups capable of focusing on their community’s disaster readiness, response, and recovery and adaptation planning.	Action Responsibility	Resource Implications	Priority/Timing	General Guidelines & Linkages
	SI&D Action A1.1: Participate in the network of local community-based resilience groups focusing on their community’s disaster readiness, response, and recovery and adaptation planning.	SI&D local community-based resilience group (SI&D CRG)	Minimal level	High (Immediate)

Action A1.2: no direct SI&D equivalence				
Action A1.3: no direct SI&D equivalence				
Action A1.4: no direct SI&D equivalence				
Action A1.5: no direct SI&D equivalence				

ISSUE A: Community Development & Empowerment

POLICY/ACTIONS	IMPLEMENTATION DETAILS			
	Action Responsibility	Resource Implications	Priority/Timing High (Immediate)	General Guidelines & Linkages
SI&D Policy A2: Establish and populate the SI&D based community resilience group (CRG) [Links with Policy A1]				
Action A2.1: no direct SI&D equivalence				
SI&D Action A2.2: Assist in the implementation of a capacity building program for CRG members	SI&D local community-based resilience group (SI&D CRG) in support of Shoalhaven City Council in partnership with and “Shoalhaven Community Resilience Network” (SCRN)	Minimum level	High (Immediate)	
SI&D Action A2.3: Support the conduct of regular briefings, seminars and field days	SI&D local community-based resilience group (SI&D CRG) in support of Shoalhaven City Council in partnership with and “Shoalhaven Community Resilience Network” (SCRN)	Minimum level	High (Immediate)	Ongoing action to exchange information and experiences and receive updates on Council and state government initiatives
SI&D Action A2.4: Promote participation in the SI&D community-based resilience group to all interested individuals in the community	SI&D local community-based resilience group (SI&D CRG)	Minimum Level	High	

ISSUE A: Community Development & Empowerment

POLICY/ACTIONS	IMPLEMENTATION DETAILS			
SI&D Policy A3: Engage the SI&D community to encourage their active participation in ongoing adaptation and resilience initiatives in their local communities	Action Responsibility	Resource Implications	Priority/Timing	General Guidelines & Linkages
			High	Links with Policies: C1 & B7 Links with Action B7.1
SI&D Action A3.1: Develop an Awareness program to support this policy	SI&D local community-based resilience group (SI&D CRG) with support from Shoalhaven City Council and “Shoalhaven Community Resilience Network” (SCRN)	Minimum level	High	Links with Action B1.3
A3.2: no direct SI&D equivalence				
SI&D Action A3.3: Provide maximum opportunities for community members to engage in disaster preparedness and recovery programs	SI&D local community-based resilience group (SI&D CRG) with support from Shoalhaven City Council and “Shoalhaven Community Resilience Network” (SCRN)	Minimum level	High	Links with Actions: B1.3, B3.2, B4.2, B5.2 Linked with SI&D SAP Policy 7
SI&D Action A3.4: Promote and facilitate grassroots initiatives that focus on promoting the principles of sustainability and enhancing community self-sufficiency	SI&D local community-based resilience group (SI&D CRG) with support from Shoalhaven City Council and “Shoalhaven Community Resilience Network” (SCRN)	Minimum level	Medium	Links with Policy E2 (all actions)
SI&D Action A3.5: Assist community members to recognise and adapt to the changing climate at their local community level	SI&D local community-based resilience group (SI&D CRG)	Minimum level	High	Link with Actions: B1.2, B1.3, B3.2, B4.2, B5.2

SI&D Action A3.6: Implement support programs for disadvantaged to overcome barriers to their participation in adaptation and resilience initiatives in local communities	“Shoalhaven Community Resilience Network” (SCRN) with support from SI&D local community-based resilience group (SI&D CRG)	Minimum level	High	Links with Action A3.3
SI&D Action A3.7: Foster the intergenerational transfer of life skills and knowledge through local community based initiatives and groups	SI&D local community-based resilience group (SI&D CRG)	Minimum level	Medium to Low	Links with Policies: E1; E2

ISSUE A: Community Development & Empowerment

POLICIES/ACTIONS	IMPLEMENTATION DETAILS			
Policy A4: no direct SI&D equivalence	Action Responsibility	Resource Implications	Priority/Timing	General Guidelines
	Action A4.1: no direct SI&D equivalence			

ISSUE A: Community Development & Empowerment

POLICIES/ACTIONS	IMPLEMENTATION DETAILS			
Policy A5: no direct SI&D equivalence	Action Responsibility	Resource Implications	Priority/Timing	General Guidelines
	Action A5.1: no direct SI&D equivalence			
Action A5.2: no direct SI&D equivalence				

ISSUE B: Land Use Planning for Resilient Communities

POLICIES/ACTIONS	IMPLEMENTATION DETAILS			
SI&D Policy B1: Support the utilisation of a “worst case” approach with best available science to review local community environments and access their vulnerability to floods, bushfires, landslides, adverse coastal processes, tsunami, extreme weather and heatwaves	Action Responsibility	Resource Implications	Priority/Timing	General Guidelines & Linkages
			High	
SI&D Action B1.1: Support WG Action B1.1 (namely: <i>Access the latest available science and modelling with respect to the potential occurrence of floods, bushfires, landslides, adverse coastal processes, tsunami, extreme weather and heatwaves</i>)	SI&D local community-based resilience group (SI&D CRG)	Minimum level	High	Develop partnerships with relevant research organisations
SI&D Action B1.2: Support WG Action B1.2 (namely: <i>Incorporate Citizen Science into the program/s supporting this policy</i>)	SI&D local community-based resilience group (SI&D CRG)	Minimum level	High	
SI&D Action B1.3: Disseminate the potential impacts for SI&D from floods, bushfires, landslides, adverse coastal processes, extreme weather and heatwaves to all community members, visitors and prospective new residents	SI&D local community-based resilience group (SI&D CRG) with support from Shoalhaven City Council and “Shoalhaven Community Resilience Network” (SCRN)	Minimum level	High	Include local Real Estate operators and builders Links with Actions: A3.1, A3.3, A3.4, A3.5, F2.2, F2.3, F2.4

ISSUE B: Land Use Planning for Resilient Communities

POLICIES/ACTIONS	IMPLEMENTATION DETAILS			
SI&D Policy B2: Support future science-based land use planning and decisions on rigorous - science based assessments of an area’s carrying capacity and “at risk land”	Action Responsibility	Resource Implications	Priority/Timing High	General Guidelines Utilises data from Policy B1 Supports Policies C1 and D1 Links with SI&D SAP Policy 18
Action B2.1: no direct SI&D equivalence				
Action B2.2: no direct SI&D equivalence				
Action B2.3: no direct SI&D equivalence				
Action B2.4: no direct SI&D equivalence				
Action B2.5: no direct SI&D equivalence				

ISSUE B: Land Use Planning for Resilient Communities

POLICY/ACTIONS	IMPLEMENTATION DETAILS			
SI&D Policy B3: Support the “Shoalhaven Community Resilience Network” (SCRN) and Shoalhaven City Council Action Plan to minimise local community vulnerability to floods, bushfires, and landslides	Action Responsibility	Resource Implications	Priority/Timing High	General Guidelines & Linkages Links with Policies B1., B2, B4, B5 Informed by Action C1.1
Action B3.1: no direct SI&D equivalence				
SI&D Action B3.2: Encourage the SI&D community’s collaboration in the development of the Action Plan	SI&D local community-based resilience group (SI&D CRG)	Minimal level	High	Links with Policy A3 Links with Actions: A3.3, A3.4, A3.5, C1.4
Action B3.3: no direct SI&D equivalence				

SI&D Action B3.4: Support the resolution and development of statutory policy for designating appropriate official local emergency shelters consistent with the Royal Commission into National Natural Disasters arrangements.	SI&D local community-based resilience group (SI&D CRG) in support of Local Emergency Management Committee of Shoalhaven	Minimal level	High	
SI&D Action B3.5: Support and communicate the location of recognised evacuation centres and the responsibilities for maintaining, activating, and operating these facilities.	SI&D local community-based resilience group (SI&D CRG) in support of Local Emergency Management Committee of Shoalhaven	Minimal level	High	

ISSUE B: Land Use Planning for Resilient Communities

POLICY/ACTIONS	IMPLEMENTATION DETAILS			
	Action Responsibility	Resource Implications	Priority/Timing	General Guidelines & Linkages
SI&D Policy B4: Support the “Shoalhaven Community Resilience Network” (SCRN) and Shoalhaven City Council Action Plan to minimise local community vulnerability to localised sea level rises, coastal erosion, East Coast Lows and severe storms			High	Informed by Action C1.1 Links with Policies: B1, B2, B3, B5
Action B4.1: no direct SI&D equivalence				
SI&D Action B4.2: Encourage the SI&D community’s collaboration in the development of the Action Plan	SI&D local community-based resilience group (SI&D CRG)	Minimal level	High	Links with Policy A3 Links with Actions: A3.3, A3.4, A3.5, C1.4
Action B4.3: no direct SI&D equivalence				

SI&D Action B4.4: Support the resolution and development of statutory policy for designating appropriate official local emergency shelters consistent with the Royal Commission into National Natural Disasters arrangements.	SI&D local community-based resilience group (SI&D CRG) in support of Local Emergency Management Committee of Shoalhaven	Minimal level	High	
SI&D Action B4.5: Support and communicate the location of recognised evacuation centres and the responsibilities for maintaining, activating, and operating these facilities.	SI&D local community-based resilience group (SI&D CRG) in support of Local Emergency Management Committee of Shoalhaven	Minimal level	High	

ISSUE B: Land Use Planning for Resilient Communities

POLICY/ACTIONS	IMPLEMENTATION DETAILS			
	Action Responsibility	Resource Implications	Priority/Timing	General Guidelines & Linkages
SI&D Policy B5: Support the “Shoalhaven Community Resilience Network” (SCRN) and Shoalhaven City Council Action Plan to minimise the impacts of extreme weather and heatwaves on local communities			High	Informed by Action C1.1 Links with Policies: B1, B2, B3, B4
Action B5.1: no direct SI&D equivalence				
SI&D Action B5.2: Encourage the SI&D community’s collaboration in the development of the Action Plan	SI&D local community-based resilience group (SI&D CRG)	Minimal level	High	Links with Policy A3 Links with Actions: A3.3, A3.4, A3.5, C1.4
Action B5.3: no direct SI&D equivalence				

SI&D Action B5.4: Support the resolution and development of statutory policy for designating appropriate official local emergency shelters consistent with the Royal Commission into National Natural Disasters arrangements.	SI&D local community-based resilience group (SI&D CRG) in support of Local Emergency Management Committee of Shoalhaven	Minimal level	High	
SI&D Action B5.5: Support and communicate the location of recognised evacuation centres and the responsibilities for maintaining, activating, and operating these facilities.	SI&D local community-based resilience group (SI&D CRG) in support of Local Emergency Management Committee of Shoalhaven	Minimal level	High	

ISSUE B: Land Use Planning for Resilient Communities

POLICY/ACTIONS	IMPLEMENTATION DETAILS			
SI&D Policy B6: Support the incorporation of natural systems into local planning to assist in flood mitigation, coastal protection, slope stability, bushfires and heatwave mitigation	Action Responsibility	Resource Implications	Priority/Timing	General Guidelines & Linkages
			High	Links with Policies: B1 and B2
Action B6.1: no direct SI&D equivalence				
Action B6.2: no direct SI&D equivalence				
Action B6.3: no direct SI&D equivalence				
Action B6.4: no direct SI&D equivalence				

ISSUE B: Land Use Planning for Resilient Communities

POLICY/ACTIONS	IMPLEMENTATION DETAILS			
SI&D Policy B7: Promote and facilitate the development of community-based self-sufficiency initiatives	Action Responsibility	Resource Implications	Priority/Timing Medium	General Guidelines & Linkages Links with Policies:A3, C1, E1, E2
SI&D Action B7.1: Work collaboratively with the SI&D community to scope out self-sufficiency initiatives (e.g., micro grids, localised food production, green retrofitting initiatives, ethanol hub, etc.)	SI&D local community-based resilience group (SI&D CRG) supported by “Shoalhaven Community Resilience Network” (SCRN)	Minimal level	Medium-High	Links with Policies: E1, E2 Links with Actions: A3.3, A3.4, A3.5, E1.1, E1.2, E1.8
Action B7.2: no direct SI&D equivalence				
SI&D Action B7.3: Support the development and implement of a SI&D local Biosecurity Plans to address potential emerging biosecurity threats to local agricultural, food security and associated community-based self-sufficiency initiatives	SI&D local community-based resilience group (SI&D CRG) in consultation and cooperation with Shoalhaven City Council and other relevant biosecurity State agencies and in association with “Shoalhaven Community Resilience Network” (SCRN)	Medium level	Medium-High	

ISSUE C: Climate Change Adaptation

POLICY/ACTIONS	IMPLEMENTATION DETAILS			
SI&D Policy C1: Support the development of community specific climate change adaptation options, based on the best	Action Responsibility	Resource Implications	Priority/Timing	General Guidelines & Linkages

available science and knowledge, benchmarked to 2050 (including outcomes from inquiries)			High	Links with Policies: A3, B1
Action C1.1: no direct SI&D equivalence				
Action C1.2: no direct SI&D equivalence				
Action C1.3: no direct SI&D equivalence				
SI&D Action C1.4: SI&D community resilience group will work with Council to identify local vulnerable communities to future changes in climate and address issues affecting these communities through the initiatives of this Sub-strategy	SI&D local community-based resilience group (SI CRG) with the support of Shoalhaven City Council and “Shoalhaven Community Resilience Network” (SCRN)	Minimal level	High	Links with Policies: A3, B1, B3, B4, B5
Action C1.5: no direct SI&D equivalence				
Action C1.6: no direct SI&D equivalence				
Action C1.7: no direct SI&D equivalence				

ISSUE D: Protection, Restoration and Management of Shoalhaven’s Special Attributes

POLICY/ACTIONS	IMPLEMENTATION DETAILS			
SI&D Policy D1: Protect, restore, and manage the special attributes of SI&D which make it a special place for its residents and visitors and contribute to its liveability	Action Responsibility	Resource Implications	Priority/Timing	General Guidelines & Linkages
			Medium-High	Links with Policy C1
SI&D Action D1.1: Support and assist in the survey and inventory of the special natural, social and cultural attributes of the SI&D community	SI&D local community-based resilience group (SI&D CRG) in support of Shoalhaven City Council and “Shoalhaven Community Resilience Network” (SCRN)	Medium level	High	
Action D1.2: no direct SI&D equivalence				

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Action D1.3: no direct SI&D equivalence				
Action D1.4: no direct SI&D equivalence				
SI&D Action D1.5: Utilise the inventory to prioritise the protection, management, and restoration of SI&D’s special attributes.	Shoalhaven City Council in partnership with “Shoalhaven Community Resilience Network” (SCRN supported by SI&D local community-based resilience group (SI&D CRG))	Minimal level	High	Links with Policy B6
SI&D Action D1.6: Utilise inventory to prioritise the restoration of special attributes following a disruptive event.	Shoalhaven City Council in partnership with “Shoalhaven Community Resilience Network” (SCRN supported by SI&D local community-based resilience group (SI&D CRG))	Minimal level	High	Links with Policy B6
SI&D Action D1.7: Support Council to seek state legislation and regulations to reflect the above actions.	SI&D local community-based resilience group (SI&D CRG) in support of Shoalhaven City Council and “Shoalhaven Community Resilience Network” (SCRN)	Minimal level	High	Links with Policy C1
SI&D Action D1.8: Work with Council and other relevant authorities to develop a program to maintain asset protection zones consistent with residents’ aspirations.	SI&D local community-based resilience group (SI&D CRG) with Shoalhaven City Council and other relevant authorities.			Links with SI&D SAP Policy 8

ISSUE E: A sustainable Local Economy

POLICY/ACTIONS	IMPLEMENTATION DETAILS			
<p>SI&D Policy E1: Improve and sustain the diversification of the SI&D local economy</p>	<p>Action Responsibility</p>	<p>Resource Implications</p>	<p>Priority/Timing Medium</p>	<p>General Guidelines & Linkages Links with Policy B7 Links with SI&D SAP Policy 9</p>
<p>SI&D Action E1.1: Support localised sustainable food system initiatives (including production, transport and processing)</p>	<p>SI&D local community-based resilience group (SI&D CRG) with support from “Shoalhaven Community Resilience Network” (SCRN) and Shoalhaven City Council</p>	<p>Minimal level</p>	<p>Medium</p>	<p>Links with Policies: B7 (all Actions); E2 Links with Action A3.4</p>
<p>SI&D Action E1.2: Encourage and support local sustainable commercial initiatives</p>	<p>SI&D local community-based resilience group (SI&D CRG) with support from “Shoalhaven Community Resilience Network” (SCRN) and Shoalhaven City Council</p>	<p>Minimal level</p>	<p>Medium</p>	<p>Links with Policies: B7; E2</p>
<p>SI&D Action E1.3: Encourage local based skill development and training to support the local labour market</p>	<p>SI&D local community-based resilience group (SI&D CRG) with support from “Shoalhaven Community Resilience Network” (SCRN) and Shoalhaven City Council</p>	<p>Minimal level</p>	<p>Medium</p>	<p>Links with Policy B7</p>
<p>SI&D Action E1.4: Encourage and support emerging industries (eg creative, digital, etc.)</p>	<p>SI&D local community-based resilience group (SI&D CRG) with support from “Shoalhaven Community</p>	<p>Minimal level</p>	<p>Medium</p>	<p>Links with Policies: B7; E2</p>

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	Resilience Network” (SCRN) and Shoalhaven City Council			
SI&D Action E1.5: Support initiatives that enhance the vibrancy of SI&D village centres	SI&D local community-based resilience group (SI&D CRG) with support from Shoalhaven City Council and “Shoalhaven Community Resilience Network” (SCRN)	Minimal level	Medium	
SI&D Action E1.6: Identify opportunities and gaps in relation to local community economies within SI&D	SI&D local community-based resilience group (SI&D CRG) with support from Shoalhaven City Council and “Shoalhaven Community Resilience Network” (SCRN)	Minimal level	Medium (*This is an open ended/ongoing action)	Links with Policy B7
SI&D Action E1.7: Develop a SI&D specific redundancy strategies to address logistics and supply chain disruptions.	SI&D local community-based resilience group (SI&D CRG) with support from “Shoalhaven Community Resilience Network” (SCRN) and Shoalhaven City Council	Minimum	Medium	
SI&D Action E1.8: Advocate and support the enhancement of the capacity of public services and public utilities to support the local SI&D economy	SI&D local community-based resilience group (SI&D CRG) with support from Shoalhaven City Council and “Shoalhaven Community Resilience Network” (SCRN)	Minimum	Medium	

ISSUE E: A sustainable Local Economy

POLICY/ACTIONS	IMPLEMENTATION DETAILS			
SI&D Policy E2: Support the facilitation of SI&D self-sufficiency initiatives	Action Responsibility	Resource Implications	Priority/Timing Medium	General Guidelines & Linkages Links with Policy E1 Links with Actions: E1.1, E1.2; E1.4
Action E2.1: no direct SI&D equivalence				
Action E2.2: no direct SI&D equivalence				
Action E2.3: no direct SI&D equivalence				

ISSUE F: Communications

POLICY/ACTIONS	IMPLEMENTATION DETAILS			
SI&D Policy F1: Support the WG policy (F1) seeking to ensure that information and knowledge gathering and sharing between and within agencies and the community before, during and after disruptive events, is appropriate, clear and timely	Action Responsibility	Resource Implications	Priority/Timing High	General Guidelines & Linkages Links with Policy F2
Action F1.1: no direct SI&D equivalence				
Action F1.2: no direct SI&D equivalence				

ISSUE F: Communications

POLICY/ACTIONS	IMPLEMENTATION DETAILS			
<p>SI&D Policy F2: Increase transient population’s preparedness to disruptive events</p>	Action Responsibility	Resource Implications	Priority/Timing	General Guidelines & Linkages
			<p>High</p>	<p>Links with Action B1.3</p> <p>Links with SI&D SAP Policy 12</p>
<p>SI&D Action F2.1: Implement the WGs ongoing community awareness program to support this policy</p>	<p>SI&D local community-based resilience group (SI&D CRG) in association with Shoalhaven City Council supported by “Shoalhaven Community Resilience Network” (SCRN)</p>	<p>Medium level</p>	<p>High</p>	<p>Links with Action B1.3</p>
<p>Action F2.2: Engage SI&D businesses and community organisations to support the awareness program</p>	<p>SI&D local community-based resilience group (SI&D CRG) in association with Shoalhaven City Council supported by “Shoalhaven Community Resilience Network” (SCRN)</p>	<p>Minimal level</p>	<p>High</p>	<p>Links with Action B1.3</p>
<p>Action F2.3: Seek the support of the local communications media</p>	<p>SI&D local community-based resilience group (SI&D CRG) in association with Shoalhaven City Council supported by “Shoalhaven Community Resilience Network” (SCRN)</p>	<p>Minimal level</p>	<p>High</p>	<p>Links with Action B1.3</p> <p>Links with Action B1.3</p>

<p>Action F2.4: Implement the WG plan to integrate preparedness messages into tourism messages</p>	<p>SI&D local community-based resilience group (SI&D CRG) in association with Shoalhaven City Council supported by “Shoalhaven Community Resilience Network” (SCRN)</p>	<p>Minimal level</p>	<p>High</p>	<p>Links with Action B1.3</p>
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ISSUE F: Communications

POLICY/ACTIONS	IMPLEMENTATION DETAILS			
<p>SI&D Policy F3: Support the Shoalhaven communication system that includes a redundancy scheme that comprises multiple back-up communication modalities that can be deployed during large scale disasters.</p>	<p>Action Responsibility</p>	<p>Resource Implications</p>	<p>Priority/Timing High (Immediate)</p>	<p>General Guidelines & Linkages Links with SI&D SAP Policy 21</p>
<p>Action F3.1: no direct SI&D equivalence</p>				

ISSUE G: Implementation and Governance

POLICY/ACTIONS	IMPLEMENTATION DETAILS			
<p>SI&D Policy G1: Participate in the Shoalhaven community based standing committee, currently referred to as: “Shoalhaven Community Resilience Network” (SCRN)</p>	<p>Action Responsibility</p>	<p>Resource Implications</p>	<p>Priority/Timing High (Immediate)</p>	<p>General Guidelines & Linkages Supported by Policy A1</p>
<p>Action G1.1: no direct SI&D equivalence</p>				
<p>Action G1.2: no direct SI&D equivalence</p>				

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Action G1.3: no direct SI&D equivalence				
Action G1.4: no direct SI&D equivalence				
Action G1.5: no direct SI&D equivalence				

Adaptation and Resilience Sub-Strategy Contributors

The following people contributed their time, experience and ideas to the development of the Bay and Basin Community-led Adaptation and Resilience Sub-strategy:

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