

NATIONAL DROWNING PREVENTION SUMMIT 2014 PROGRAM

Tuesday 5 & Wednesday 6 August 2014
PARKROYAL Darling Harbour, Sydney, Australia
www.watersafety.com.au







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Australian Water Safety Council

Background

The Australian Water Safety Council is deeply committed to drowning prevention in Australia and is a collective voice for Australia's leading water safety organisations.

The Council acts as a consultative forum comprising the major water safety and related government agencies and focuses on the presentation of key water safety issues to governments, industry and the community.

The Australian Water Safety Council is committed to improving water safety in Australia as demonstrated through the production and implementation of three National Water Safety Plans. These plans have generated bipartisan support for water safety in Australia and have seen the improvement of water safety throughout the country.

The Australian Water Safety Council member bodies continue to demonstrate their commitment to water safety by directing resources of their respective organisations towards the development and implementation of the Australian Water Safety Strategy.

Members

Royal Life Saving Society - Australia (RLSSA)
Surf Life Saving Australia (SLSA)
Australian Council for the Teaching of Swimming and Water Safety (AUSTSWIM)
Australian Leisure Facilities Association (ALFA)
Australian Local Government Association (ALGA)
Australian National Sports Fishing Association (ANSFA)
Australian Swimming Coaches & Teachers Association (ASCTA)
Divers Alert Network (DAN) Asia-Pacific
Farmsafe Australia
Surfing Australia
Swimming Australia Limited (SAL)
The Child Accident Prevention Foundation of Australia (Kidsafe)

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Summit Organising Committee

Justin Scarr

Convenor, Australian Water Safety Council and Chief Executive Officer, Royal Life Saving Society – Australia

Monique Sharp

Summit Secretariat/Event Manager and National Manager Events and Marketing, Royal Life Saving Society – Australia

Amy Peden

Summit Program Coordinator and National Manager Research and Policy, Royal Life Saving Society – Australia

Anthony Bradstreet

Coastal Risk and Safety Manager, Surf Life Saving Australia

Pamela Simon

National Education Manager, Surf Life Saving Australia

Jared Wilson

General Manager Program Delivery, AUSTSWIM

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Australian Government

Summit Introduction

On behalf of the Australian Water Safety Council, I welcome you to the National Drowning Prevention Summit 2014. The Organising Committee is hoping that this innovative, thought provoking series of Symposiums brings new focus to the Australian Water Safety Strategy, and refocuses our efforts to reduce drowning in Australia.

It is over 6 years since the Australian Water Safety Council and the many organisations, policy makers, researchers and practitioners who contributed to the Australian Water Strategy 2008 - 2011 set an optimistic and challenging target of reducing drowning deaths by 50% by 2020.

Are we on track? Are we falling behind? Are there newly emerging issues? What adjustments might increase the likelihood of success? Is it too late?

The Organising Committee has made a few changes to the format at this Summit. Specifically;

- It has targeted a range of speakers, some familiar and some from well outside the sector,
- All have been asked to present their work, and in many cases that of others, in the context of a review of the Strategy, its likelihood of success and the adjustments required,
- Those speakers from outside of the sector have been asked to share their experience and perspectives in a manner that may assist you to challenge and enhance your contributions,
- Presentation lengths are restricted to ten minutes to provoke thought, stimulate questions and prompt a critical reflection on the Strategy,
- Each Symposium will have interactive panel discussions and debates, where audience participation is encouraged,
- Influenced by the next generation of drowning prevention leaders, we are trialling a new social media driven approach to audience engagement and debate,
- The Summit has been organised into a single continuous stream to ensure that we work together to learn and to challenge ourselves to identify the critical steps needed to achieve a 50% reduction in drowning deaths by 2020. Yes, that means child drowning researchers are as encouraged to engage in discussions about RIP Currents or Safety Inspections of Inland waterways and vice versa.

To all the speakers and panel members, I thank you for accepting the challenge and making such thoughtful contributions to the Summit.

I wish to praise the efforts of the Organising Committee; Monique Sharp – Event Manager, Amy Peden – Program Coordinator, Anthony Bradstreet, Pamela Simon and Jared Wilson. They were set a challenging brief, and have done fantastically well in a very short timeframe.

It is important to recognise the support of Royal Life Saving Society – Australia, Surf Life Saving Australia and AUSTSWIM in the running of this event. Without their staff, resources and energy, the Summit may not have been feasible in the current environment.

I acknowledge the assistance provided by the Federal Government to the peak water safety organisations, including the recently announced investment via the Policy to Reduce Drowning.

I invite you to engage enthusiastically in the National Drowning Prevention Summit 2014 and the many debates and discussions that will follow in breaks, at the networking function and in the days, weeks and months following.



Justin Scarr

Convenor, Australian Water Safety Council
and Chief Executive Officer,
Royal Life Saving Society – Australia



Australian Water Safety Strategy 2012-15

Launched on Monday June 4th, 2012, the Australian Water Safety Strategy 2012-15 aims for a 50% reduction in drowning deaths by the year 2020. This aspirational goal was first proposed in the Australian Water Safety Strategy 2008-11. The Australian Water Safety Council (AWSC) believes this ambitious undertaking is entirely achievable through a strong, collaborative and evidence based approach.

The Australian Water Safety Strategy (AWSS) 2012-15 builds upon previous Australian Water Safety Plans and Strategies and was developed by the AWSC in collaboration with water safety agencies, government and other groups with an interest in preventing drowning.

The AWSC has identified three key priority areas and 10 goals in the 2012-15 Strategy that will contribute towards a significant reduction in drowning in Australia if achieved.

Priority Area One: Taking a Life Stages Approach

Epidemiologically, life stages are used to differentiate between complex drowning risk factors and exposure to hazards based on age. These vary naturally throughout a person's life, along with the physical, emotional and social developmental stages. The three key life stages targeted in this Strategy are: Children 0-14 years, Young People 15-24 and People Aged 55+.



Priority Area Two - Targeting High Risk Locations

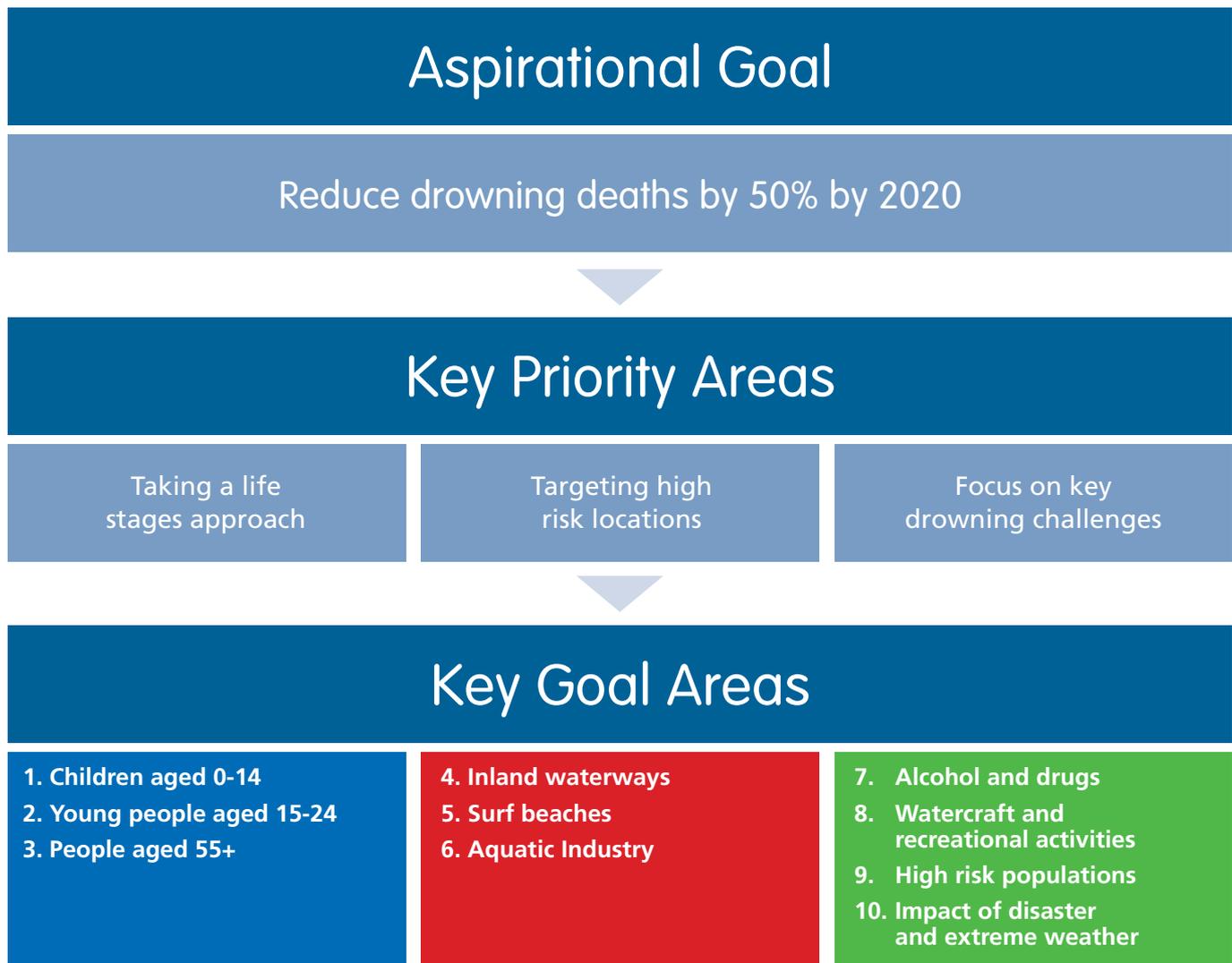
The AWSS 2012-15 continues to reflect the need for drowning reduction strategies at high risk locations, such as inland waterways and surf beach locations. Reductions in drowning deaths at these locations are vital to achieving a 50% reduction in all drowning deaths by the year 2020. Strengthening the Australian aquatic industry has been included in Priority Area Two. Although the monitoring of safety standards at aquatic facilities is a process that has been taking place for a number of years, the inclusion of this goal recognises the contribution the Australian aquatic industry makes to ensure people are able to safely participate in aquatic recreational activities. The three priority locations targeted in this Strategy are: Inland Waterways, Surf Beaches and the Aquatic Industry.



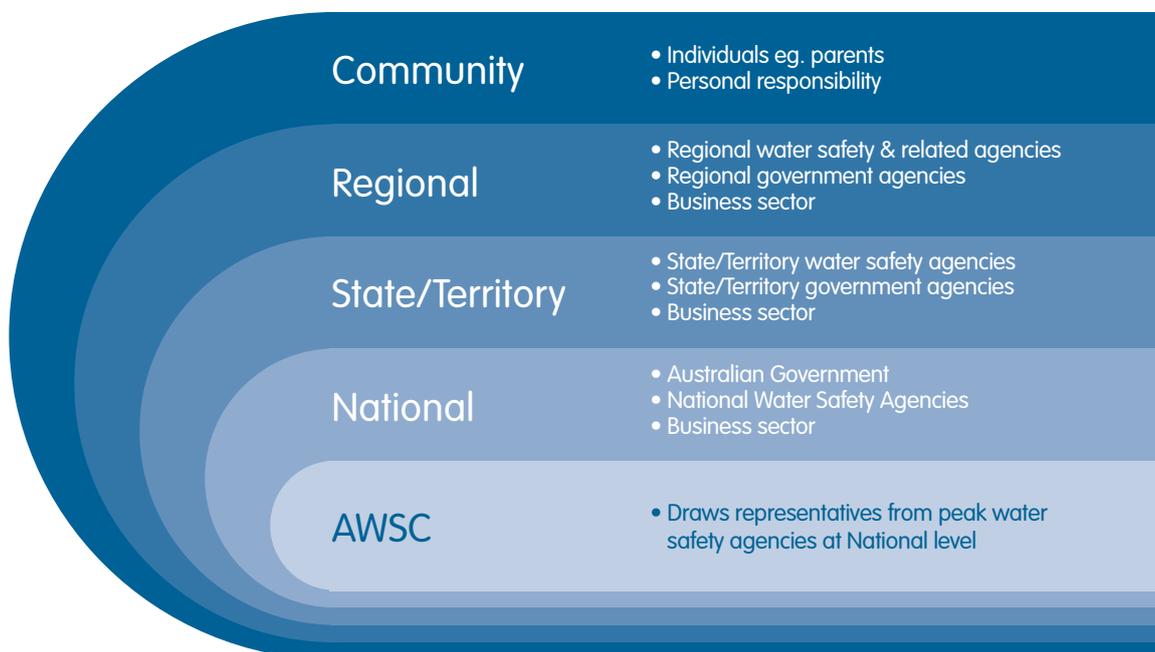
Priority Area Three - Focusing on Key Drowning Challenges

Focusing on key drowning challenges will require a range of different drowning prevention strategies, across several diverse issues. Priority Area Three seeks not to repeat those issues identified previously, but to identify those drowning challenges which will require a different approach, as well as those where there is a need for further research to clarify the issues and guide the development of effective prevention strategies. The four key drowning challenges identified in this Strategy are: Alcohol and Drug Related Drowning Deaths, Watercraft and Recreational Aquatic Activities, High Risk Populations and Disaster and Extreme Weather.





Australian Water Safety Strategy 2012-15 Stakeholder Map



AWSS 2012-15 Progress Table

Progress of the Australian Water Safety Strategy 2012-15 goals and estimated required reduction in Drowning Deaths

Australian Water Safety Strategy 2012-15 Goal Areas		3 year average (08-09 to 10-11) 306 deaths per annum	3 year average (10-11 to 12-13) 284 deaths per annum	Total lives saved by 2020 (153)	Progress Report
	1. Reduce drowning deaths in children aged 0-14 years	46	38	23	On Track
	2. Reduce drowning deaths in young people aged 15-24 years	38	36	18	Of Some Concern
	3. Reduce drowning deaths in people aged 55+	101	102	51	Of High Concern
	4. Reduce drowning deaths in inland waterways	106	110	54	Of High Concern
	5. Reduce surf beach drowning deaths	43	50	21	Of High Concern
	6. Reduce drowning deaths by strengthening the Aquatic Industry	4	3	2	On Track
	7. Reduce alcohol and drug related drowning deaths	59*	41 *	29^	Of Some Concern
	8. Reduce drowning deaths attributed to watercraft and recreational aquatic activities	65	91	34	Of High Concern
	9. Reduce drowning deaths in high risk populations	75	66	32^	Of Some Concern
	10. Reduce the impact of disaster and extreme weather on drowning deaths	23 **	22 **	12	Of Some Concern

Please note: A drowning death could be included in more than one goal in the table above. There may also be drowning deaths included in the three year average and goal number for lives saved that are not represented across the AWSS 2012-15 goals as depicted above.

* represents cases where alcohol and drug (illegal) consumption was known to be involved

^ represents cases where a reduction in drowning deaths may not be the true measure of success. Work in these areas across the period of the AWSS 2012-15 should be aimed at quantifying the true extent of the drowning problem within this goal areas and conduct further research into how to better prevent drowning deaths in these areas. Therefore it is likely that with further investigation and better data collection, these numbers will increase before they can decrease.

** represents drowning deaths where flooding or extreme weather was known to be involved

Get Involved

Interaction, Feedback and Q&A - Pigeonhole Live

We are requesting feedback and questions from delegates during each symposium using Pigeonhole Live. Pigeonhole Live, is a simple and interactive Q&A tool, designed to drive two-way dialogues.

Post questions to speakers and vote for questions that others have asked on your mobile web device. Everyone gets to take part in Q&A sessions without running to the microphones. Yes, even if you are a little shy.

Be involved by simply following these three easy steps:

Step 1 - Go to: <http://phlive.at>

Step 2 - Enter Passcode: AWSC2014

Step 3 - Start posting and voting for questions.



WIFI PARKROYAL Venue Details

To access the WIFI at the PARKROYAL, Locate the Channel: Conferencing / Password: BLACKB0508

Social Media

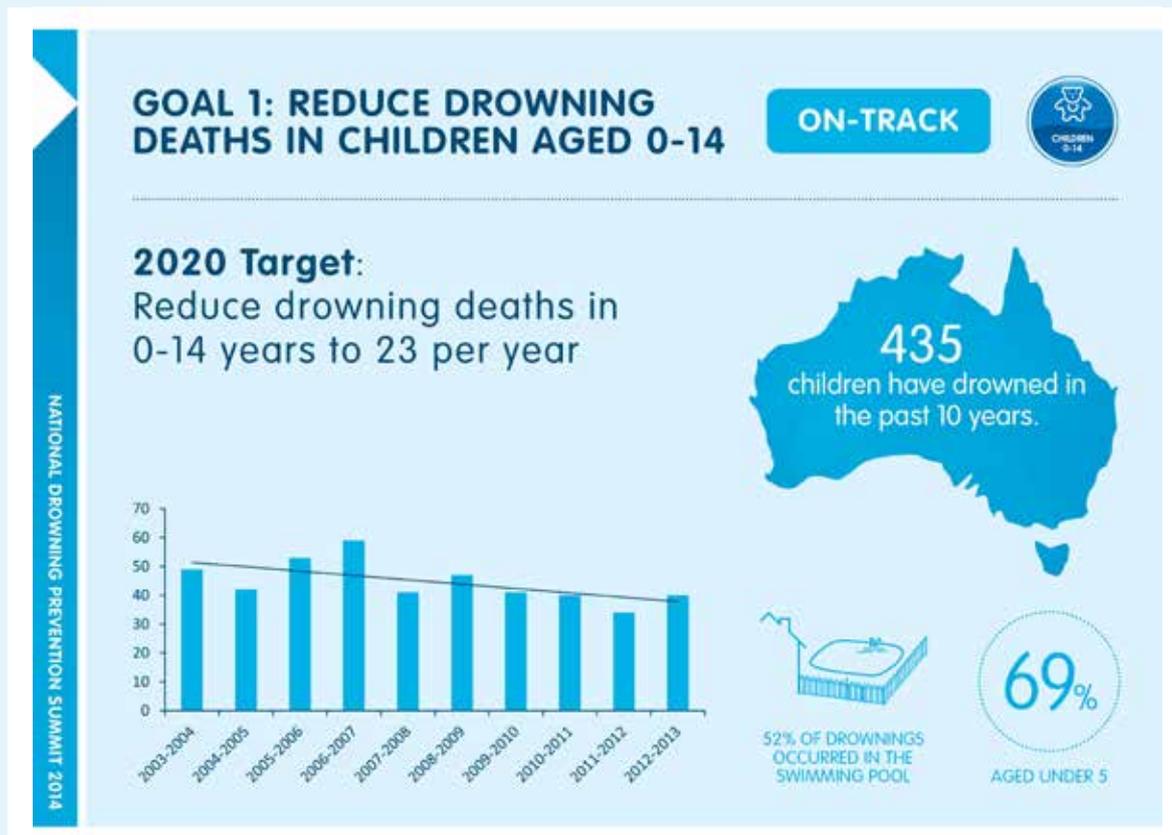
For those users of social media, we encourage you to interact with each other during the Summit. Use #awsc2014 on Twitter and Facebook and discuss key lessons learnt and promote water safety and drowning prevention issues. The best tweets or posts may be used in the opening and closing sessions to help us wrap up the key findings of each day of the Summit, so make sure you tag all posts and tweets with #awsc2014 and follow the conversation!

To join the conversation use #awsc2014

Presentations Online

PowerPoint and Poster Presentations, where available will be added to the Australian Water Safety Council Website post event to view. Visit www.watersafety.com.au

[Sample PowerPoint Presentation](#)



Program - Day One - Tuesday 5 August 2014

PROGRAM SNAPSHOT – BLACKWATTLE MEETING ROOM

9:00am	REGISTRATION (Foyer – Blackwattle Meeting Room)
10:00am	Master of Ceremonies - Mr Justin Scarr Convenor, Australian Water Safety Council & Chief Executive Officer, Royal Life Saving Society - Australia
10:10am	Day One Opening Address Mr Greg Nance, Chief Executive Officer, Surf Life Saving Australia
10:20am	<p>Keynote Speaker – Mr Mark McCrindle, McCrindle Research</p> <p>A Demographic Snapshot of Australia now and towards 2020: Implications for Drowning Prevention</p> <p>To engage with people and connect best with communities, we need to understand the data and the demographics. Population analysis tells a fascinating story of Australia today and reveals clear trend lines which can be used to better shape drowning prevention strategies and communication. In this session, Mark will use the latest demographic data to give a snapshot of the changes, the trends, and the challenges facing drowning prevention across the three Australian Water Safety Strategy priority areas.</p> 
11:00am	MORNING TEA – Includes Poster Presentations
Australian Water Safety Strategy 2012-15: Priority Area One - Taking a Life Stages Approach	
11:30am	<p>Goal 1 - Reduce Drowning Deaths in Children Aged 0-14</p> <p>A symposium focused on reducing drowning in children, with presentations on:</p> <ul style="list-style-type: none"> • The Burden of Childhood Drowning: What about those who survive? Ms Belinda Wallis, PhD Candidate, Injury Prevention, Centre for Children's Burns & Trauma Research, Queensland Children's Medical Research Institute, The University of Queensland • Challenges in Pool Fencing Legislation. Associate Professor Richard Franklin, School of Public Health, Tropical Medicine and Rehabilitation Sciences, James Cook University • Swim & Survive Data – the missing link. Mr Matt Claridge, Chief Executive, Water Safety New Zealand <p>Followed by an Interactive Panel Discussion. Panel members also include Mr Michael Morris, Managing Director, Samuel Morris Foundation.</p> 
12:30pm	LUNCH – Includes Poster Presentations
1:15pm	<p>Goal 3 – Reduce Drowning Deaths in People Aged 55+</p> <p>A symposium focused on reducing drowning in people aged over 55 years, with presentations on:</p> <ul style="list-style-type: none"> • Seniors, retirees, pensioners, grey nomads, ancient or just older than me? - Lifestyles, Activities and Risks. Dr Chris Davis, Specialist Geriatrician, Private Practice • Medications, Drugs, Alcohol and Drowning. Professor John Pearn, AO RFD, National Medical Advisor, Royal Life Saving Society – Australia • What are the lessons from the healthy ageing sector, and what does this mean for drowning prevention? Professor Rebecca Ivers, Director - Injury Division & Professor of Public Health, The George Institute for Global Health, University of Sydney <p>Followed by an Interactive Panel Discussion. Panel members also include Mr John Lippman OAM, Founder, Chairman & Director of Research, Divers Alert Network Asia - Pacific.</p> 
2:15pm	POWER BREAK

PROGRAM SNAPSHOT – BLACKWATTLE MEETING ROOM

Australian Water Safety Strategy 2012-15: Priority Area Two – Targeting High Risk Locations	
2:30pm	<p>Goal 4 – Reduce Drowning Deaths in Inland Waterways A symposium on drowning prevention in inland waterways, with presentations on:</p> <ul style="list-style-type: none"> • The top ten river drowning blackspots. What challenges do they pose for prevention? Ms Amy Peden, National Manager - Research and Policy, Royal Life Saving Society – Australia • Coronial findings into drowning in rivers, implications for policy. Dr Bernadette Matthews, Principal Research Associate, Life Saving Victoria • Lessons learned from flood rescue. Mr Shannon Crofton, NSW State Emergency Service (SES) <p>Followed by an Interactive Panel Discussion. Panel members also include Mrs Daphne E Read AO, Chairperson, Northern Territory Water Safety Advisory Council.</p>
3:30pm	AFTERNOON TEA – Includes Poster Presentations
4:00pm	<p>Goal 5 - Reduce Surf Beach Drowning Deaths A symposium on reducing drowning on surf beaches, with presentations on:</p> <ul style="list-style-type: none"> • Understanding the surf zone; how has research into rip currents answered the key questions related to the hazard? Mr Jak McCarroll, PhD Candidate, University of New South Wales • The total service plan; how are we utilising the evidence to influence policy, inform intervention strategies and achieve our drowning prevention targets? Ms Sarah Anderson, Public Safety Project Coordinator, Surf Life Saving Australia • Evidence to action; what case studies are making a positive impact and where do we need to improve to achieve a 50% reduction in coastal drownings by 2020? Mr Anthony Bradstreet, Coastal Risk and Safety Manager, Surf Life Saving Australia <p>Followed by an Interactive Panel Discussion. Panel members also include Mr Jonathan Webber, Surf Life Saving New Zealand and The University of Auckland.</p>
5:00pm	SUMMIT DAY ONE CLOSE
5:15pm	<p>COCKTAIL NETWORKING FUNCTION – PARKROYAL DARLING HARBOUR Join your water safety and drowning prevention colleagues at a cocktail networking function.</p>
7:00pm	<p>DINNER AT LEISURE Take time to enjoy Sydney's restaurants just at your doorstep including Darling Harbour, Cockle Bay and King St Wharf.</p> <p>If you want to stay onsite visit the PARKROYAL ABODE which includes a lounge, sports bar and decking area as well as a stylish and modern dining room with a distinctive menu featuring fresh and seasonal flavours from locally sourced produce.</p> 

Please note, summit organisers reserve the right to change the date and time of presentations as required. Presentations may change due to circumstances beyond the control of the organisers, which may necessitate substitutions or alterations to the summit program.

Program - Day One – Tuesday 5 August 2014



Master of Ceremonies

Mr Justin Scarr, Convenor, Australian Water Safety Council and Chief Executive Officer, Royal Life Saving Society - Australia

Justin Scarr is the Convenor of the Australian Water Safety Council and Chief Executive Officer of Royal Life Saving Society – Australia. He is a leading contributor in the development of Australian Water Safety Strategies 2008-2011 and 2012 – 2015.

Outside of Australia, Justin contributes to global advocacy and research to reduce drowning through roles as Drowning Prevention Commissioner and Asia-Pacific Secretary General of the International Life Saving Federation, and through his work with the International Drowning Research Centre – Bangladesh.

He has been a facilitator at numerous drowning prevention conferences and workshops in Australia, Vietnam, Bangladesh, Philippines and was the Event Director of the World Conference on Drowning Prevention 2011, Vietnam.

www.royallifesaving.com.au Email: info@rlssa.org.au



Day One Opening Address

Mr Greg Nance, Chief Executive Officer, Surf Life Saving Australia

Greg Nance is the Chief Executive Officer of Surf Life Saving Australia. Greg was appointed to the role in February 2013, and also held the position from 1996 – 2006. He is responsible for leading the organisation to deliver Surf Life Saving Australia's "As One" Change Management Plan until July 2015.

Previously, Greg was the Director, Sports Development at the Australian Sports Commission (ASC), managing the Commonwealth Government's investment in sport. Greg came to Surf Life Saving in 1996 following three years as General Manager of a Local Government Council in Northern NSW. Prior to Local Government Greg served 22 years in the Australian Regular Army graduating from the Royal Military College Duntroon and the University of NSW, he was commissioned as an Infantry Officer. He served at different times in the Special Air Services Regiment, the Royal Australian Regiment and the Commando Regiment. He served in Australia and overseas in various appointments including four & half years with the US Marine Corps and US Army.

During his tenure with SLSA until 2006, Greg helped increase SLSA's membership significantly to 113,000 and increased government and non-government funding at all levels of the organisation. Membership of the organisation is now over 166,000.

www.sls.com.au Email: info@slsa.asn.au



Keynote Speaker

Mr Mark McCrindle, McCrindle Research

**A Demographic Snapshot of Australia now and towards 2020:
Implications for Drowning Prevention**

Mark McCrindle, BSc (Psychology), MA, is a social researcher with an international following. He is recognised as a leader in tracking emerging issues and researching social trends. As an award winning social researcher and an engaging public speaker, Mark has appeared across many television networks and other media. He is a best-selling author, an influential thought leader, TEDx speaker and Principal of McCrindle Research. His advisory, communications and research company, McCrindle, count among its clients more than 100 of Australia's largest companies and leading international brands.

Mark's highly valued research and reports, presented through infographics, data visualisations, videos, media input, resources, and blogs, have developed his regard as an expert demographer, futurist and social commentator.

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Objectives

- 1.1 Strengthen programs that raise awareness and build skills in supervision.
- 1.2 Harmonise systems that promote, monitor and enforce four sided pool fencing.
- 1.3 Implement systems that ensure all school aged children receive compulsory swimming and water safety education.
- 1.4 Promote community wide rescue and resuscitation skills.
- 1.5 Investigate the drowning preventative effects of survival swimming skills in children and youth.
- 1.6 Increase the proportion of farms and rural residential properties with a secure safe play area by 2%.

Presentations

The Burden of Childhood Drowning: What about those who survive?

Ms Belinda Wallis, PhD Candidate, Injury Prevention, Centre for Children's Burns & Trauma Research, Qld Children's Medical Research Institute, The University of Queensland

Belinda Wallis: Formerly the Injury Prevention Researcher with the Centre for Children's Burns & Trauma Research, based at the Royal Children's Hospital. Her research projects include studies of child injury and fatality. She is currently completing a PhD within the Queensland Children's Medical Research Institute and has collated comprehensive drowning data on Queensland children and adolescents.

Email: b.wallis@uq.edu.au



Challenges in Pool Fencing Legislation.

Associate Professor Richard Franklin PhD, School of Public Health, Tropical Medicine and Rehabilitation Sciences, James Cook University

Richard Franklin PhD, is an Associate Professor at James Cook University in Injury Prevention and Safety Promotion and Senior Research Fellow at Royal Life Saving Society - Australia. He has worked in the area of injury prevention and safety promotion for over 18 years, specialising in rural and remote safety, agricultural safety, drowning prevention, and occupational health and safety.

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Swim & Survive Data – the missing link.

Mr Matt Claridge, Chief Executive Officer, Water Safety New Zealand (WSNZ)

Matt has been Chief Executive Officer of WSNZ since 2012. With experience in strategy, partnerships, advancing policy and leadership he is relishing the challenge of leading WSNZ into its new role as sector leader.

Matt has a background in aquatics, a former national water polo league player for the mighty Balmain Tigers and New Zealand as well as working in project roles for swim and survive and sector development.

Email: matt@watersafety.org.nz



Joining the Panel

Mr Michael Morris, Managing Director, Samuel Morris Foundation

Michael has first-hand experience as the parent of a child living with the consequences of non-fatal drowning and was awarded a Churchill Fellowship to explore issues around non-fatal drowning survivors. With a 25 year career spanning emergency management, community and consumer advocacy work he is always ready to play with fire, question the status quo, fight for the underdog, raise money for sick kids and to make the most out of life. Michael is an Inspector with Fire and Rescue NSW, Managing Director of the Samuel Morris Foundation and holds post graduate qualifications in Management, Community and Emergency Services.

Email: michael@samuelmorrisfoundation.org.au



Objectives

- 3.1 Conduct further investigation of the segmentation within this broad age group to gain a greater understanding of the needs and risk factors of individual segments.
- 3.2 Create and implement a national public awareness campaign targeting drowning prevention strategies for people aged 55+.
- 3.3 Create or strengthen drowning prevention and healthy activity based programs targeting people aged 55+ based on the findings of further segmentation based investigation.
- 3.4 Implement strategies that foster more inclusive aquatic venues and associated workforces to meet the growing needs of people aged 55+.

Presentations

Seniors, retirees, pensioners, grey nomads, ancient or just older than me? - Lifestyles, Activities and Risks.

Dr Chris Davis, Specialist Geriatrician, Private Practice

Former Director of Geriatric Medicine and Rehabilitation at The Prince Charles Hospital, Brisbane. Past President, AMA Queensland. Former Assistant Minister for Health, Queensland

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Medications, Drugs, Alcohol and Drowning.

Professor John Pearn, AO RFD, National Medical Advisor, Royal Life Saving Society – Australia

Professor John Pearn is the National Medical Advisor for Royal Life Saving Society – Australia and a Senior Examiner and Bronze Medallion holder of RLSSA. For 45 years he has served as a Senior Paediatrician at the Royal Children’s Hospital, Brisbane. He is a former Surgeon General of the Australian Defence Force.

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What are the lessons from the healthy ageing sector, and what does this mean for drowning prevention?

Professor Rebecca Ivers, Director - Injury Division & Professor of Public Health, The George Institute for Global

Professor Rebecca Ivers is the Director of the Injury Division at the George Institute for Global Health, Professor of Public Health at the University of Sydney, Kidsafe NSW Council member, and board member of the global Road Traffic Injury Research Network. She is trained in epidemiology and public health and directs a research program with a strong focus on prevention of road injury, fall injury and injury in Aboriginal people.

Email: rivers@georgeinstitute.org.au



Joining the Panel

Mr John Lippman OAM, Founder, Chairman & Director of Research, Divers Alert Network Asia - Pacific

John was the founder of the Divers Alert Network Asia-Pacific (DAN AP) which he established in 1994 in an effort to improve the safety of scuba diving within the Asia-Pacific. He was Chairman, Executive Director and Director of Training for DAN AP 20 years, the editor of Alert Diver Asia-Pacific for 13 years, and is currently Chairman and Director of Research at DAN AP. In 2007, he received an Order of Australia award for services to scuba diving safety, resuscitation and first aid.

Email: johnl@danasiapacific.org





Objectives

- 4.1 Continue implementation of the national rural and remote water safety strategy with a focus on drowning deaths in inland waterways.
- 4.2 Increase access to inland waterway safety programs for people living in rural and remote areas.
- 4.3 Address infrastructure and human resources in rural and remote areas to ensure adequate coverage of aquatic instructors and safety risk management.

Presentations

The top ten river drowning blackspots. What challenges do they pose for prevention?

Ms Amy Peden, National Manager - Research and Policy, Royal Life Saving Society – Australia

Amy is the National Manager of Research and Policy with Royal Life Saving Society – Australia. She has a Masters Degree in Public Policy from Sydney University and has worked for the last seven years with Royal Life Saving. Her work includes a range of research and health promotion projects including the development of the National Drowning Report, Royal Life Saving's Fatal Drowning Database and the coordination of programs such as Keep Watch and Grey Medallion. She was an Australian Youth Ambassador for Development working in Vietnam for a year on child drowning prevention and survival swimming interventions and is a member of the International Life Saving Federation's Drowning Prevention and Public Education Commission.



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Coronial findings into drowning in rivers, implications for policy.

Dr Bernadette Matthews, Principal Research Associate, Life Saving Victoria

Dr Bernadette Matthews is Principal Research Associate for Life Saving Victoria. Bernadette specialises in aquatic injury prevention research, from epidemiology of fatal and non-fatal drowning, injuries at public swimming pools and patrolled beaches, aquatic safety signage recognition and recall, through to evaluation of education programs and major public awareness campaigns.



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Lessons learned from flood rescue.

Mr Shannon Crofton, NSW State Emergency Service (SES)

Shannon Crofton is one of Australia's experts in the field of Flood and Swiftwater rescue. He has 27 years' experience with the NSW State Emergency Service as a Flood Rescue Officer and 17 years as a Firefighter and Aviation Officer with Fire and Rescue NSW. His work included ensuring that every flood rescue vehicle in NSW is now equipped with child PFD's along with specialist training of helicopter rescue teams for water rescues.



Shannon is only one of three individuals worldwide to receive the prestigious Higgins and Langley Award for Outstanding Achievement in Swiftwater and Flood Rescue from the USA in the past 20 years. A rescue of four youths from a flooded creek in 1994 saw Shannon recognised for bravery by the Royal Humane Society.

Email: shannon.crofton@member.ses.nsw.gov.au

Joining the Panel

Mrs Daphne E Read AO, Chairperson, NT Water Safety Advisory Council

Daphne is the Chairperson of the Northern Territory Water Safety Advisory Council. Daphne is the Vice Chair of the Somerville Board, was the Chairperson of the Northern Territory Disability Advisory Council and served on the Northern Territory Housing Appeals Committee. She was also the National Executive Director of the Royal Life Saving Society of Australia for five years until 1996. Daphne had a long and successful career in teaching.



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Objectives

- 5.1 Identify non-patrolled surf beaches with high drowning rates and implement risk reduction strategies.
- 5.2 Develop and implement a national rip awareness program.
- 5.3 Develop and implement interventions targeted at populations at high risk of surf beach drowning.
- 5.4 Expansion of surf lifesaving patrolling through improving technology and services.

Presentations

Understanding the surf zone; how has research into rip currents answered the key questions related to the hazard?

Mr Jak McCarroll, PhD Candidate, University of New South Wales

Jak has been researching the physical aspects of rip currents and beach safety since 2011 as part of a PhD project with the University of New South Wales. This project involved conducting field experiments at five beaches along the NSW coastline, in co-operation with Surf Life Saving Australia. These experiments measured rip currents using GPS equipped drifters while human participants were tracked as they attempted to escape from rip currents. He has published articles on rip current escape strategies and circulation behaviour on embayed beaches. Jak continues to work with Surf Life Saving to develop the basic physical science into outcomes for the beach safety community.



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The total service plan; how are we utilising the evidence to influence policy, inform intervention strategies and achieve our drowning prevention targets?

Ms Sarah Anderson, Public Safety Project Coordinator, Surf Life Saving Australia

As Public Safety Project Coordinator at Surf Life Saving Australia, Sarah represents the organisation at AFAC. She worked with the Australian Tsunami Advisory Group and Federal Attorney-General's Department to produce Tsunami: The Ultimate Guide and the Australian Disaster Forum. Sarah has 15 years' experience in publishing including Fairfax Media.



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Evidence to action; what case studies are making a positive impact and where do we need to improve to achieve a 50% reduction in coastal drownings by 2020?

Mr Anthony Bradstreet, Coastal Risk and Safety Manager, Surf Life Saving Australia

Anthony is the Coastal Risk and Safety Manager at Surf Life Saving Australia responsible for nationally significant coastal drowning prevention initiatives. He is a member of the AUSTSWIM Australian Council, the Australian Institute of Emergency Management and the International Lifesaving Federation's Drowning Prevention and Public Education Committee.



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Joining the Panel

Mr Jonathon Webber, Surf Life Saving New Zealand and The University of Auckland

Jonathon is an Advanced Qualified Lifeguard with over 25 years' experience at Piha Beach on Auckland's West Coast. An Honorary Senior Clinical Tutor in the Department of Anaesthesiology at The University of Auckland and Resuscitation Officer at Auckland City Hospital, Jonathon's voluntary roles include: Senior Advisor to Pakistan Aquatic Life Saving, Board Member for WaterSafe Auckland, and member of the Piha SLSC Callout Squad. For Surf Life Saving Northern Region, he has held the roles of Director of Lifesaving, Director of Regional Services, Duty Operations Officer, and Medical Advisory Group member. He currently represents Surf Life Saving New Zealand on the New Zealand Resuscitation Council, and is a member of the International Life Saving Federation Rescue Operations and Medical committees.



Email: j.webber@aquasafenz.com

Program - Day Two - Wednesday 6 August 2014

PROGRAM SNAPSHOT – BLACKWATTLE MEETING ROOM

8:00am	REGISTRATION (Foyer – Blackwattle Meeting Room)
8:45am	Master of Ceremonies - Mr Justin Scarr Convenor, Australian Water Safety Council & Chief Executive Officer, Royal Life Saving Society - Australia
8:50am	Day Two Opening Address Mr Gordon Mallett, Chief Executive Officer, The Australian Council for the Teaching of Swimming and Water Safety (AUSTSWIM)
9:00am	What we know about men Ms Janine Scott, GM Marketing & Communications, <i>beyondblue</i> Men drown at a rate four times that of women. Effectively communicating with men is a challenge for our sector. This session will demonstrate how <i>beyondblue</i> have been successful in communicating with men.
9:45am	POWER BREAK
Australian Water Safety Strategy 2012-15: Priority Area Three – Focusing on Key Drowning Challenges	
10:00am	<p>Goal 7 - Reduce Alcohol and Drug Related Drowning Deaths A symposium on the role of alcohol in drowning prevention, with presentations on:</p> <ul style="list-style-type: none"> • Alcohol and drug-related drownings: the data challenge. Dr Eva Saar, Senior Research Officer, National Coronial Information System (NCIS) • A population perspective on preventing drug and alcohol related harm: what works and what lessons can be learnt to prevent drowning? Associate Professor Carolyn Day, Discipline of Addiction Medicine, University of Sydney and Drug Health Services • Under the Influence: Programs for Prevention. Ms Lauren Nimmo, Senior Manager, Health Promotion and Research, Royal Life Saving Society WA Inc <p>Followed by an Interactive Panel Discussion. Panel members also include Dr Bernadette Matthews, Principal Research Associate, Life Saving Victoria.</p>
	
11:00am	MORNING TEA – Includes Poster Presentations
11:30am	<p>Goal 8 - Reduce Drowning Deaths Attributed to Watercraft and Recreational Aquatic Activities A symposium focused on drowning deaths as a result of watercraft accidents and recreational aquatic activities, with presentations on:</p> <ul style="list-style-type: none"> • What can recent research into rock fishing fatalities tell us about strategies for prevention? Ms Barbara Brighton, Research Coordinator, Surf Life Saving Australia • The development and impact of PFD wear regulations on drowning of recreational boating occupants in Victoria. Dr Lyndal Bugeja, Manager, Coroners Prevention Unit, Victoria Mr Paul Corkill, Manager, Waterway User Safety, Maritime Safety, Transport Safety Victoria • Boating Safety - are we making a difference? Mr Neil Patchett, Manager Boating Safety Policy, Maritime Management Centre, Transport for NSW <p>Followed by an Interactive Panel Discussion. Panel members also include Mr Anthony Bradstreet, Coastal Risk and Safety Manager, Surf Life Saving Australia.</p>
	
12:30pm	LUNCH – Includes Poster Presentations

PROGRAM SNAPSHOT – BLACKWATTLE MEETING ROOM

<p>1:30pm</p> 	<p>Goal 9 - Reduce Drowning Deaths in High Risk Populations A symposium on drowning trends and prevention strategies for populations at a high risk of drowning, with presentations on:</p> <ul style="list-style-type: none"> • Maori and Pacific drowning prevention - Stay Afloat Stay Alive. Mr Cory Sweeney, Central North Island Area Manager, Water Safety New Zealand • Focused drowning prevention programs for CALD communities- lessons learned. Ms Melissa Savage, Program & Services Coordinator, The Australian Council for the Teaching of Swimming and Water Safety (AUSTSWIM) • WaterWise Aquatic Education Program Stacey Gentles, Co-Ordinator Emerton Leisure Centre, Blacktown City Council. <p>Followed by an Interactive Panel Discussion. Panel members also include Mr Greg Tate, General Manager Community Relations, Royal Life Saving Society WA Inc.</p>
<p>2:30pm</p>	<p>Summary and Future Directions Mr Justin Scarr, Convenor, Australian Water Safety Council and CEO, Royal Life Saving Society - Australia</p>
<p>3:00pm</p>	<p>SUMMIT DAY TWO CLOSE</p>

Please note, summit organisers reserve the right to change the date and time of presentations as required. Presentations may change due to circumstances beyond the control of the organisers, which may necessitate substitutions or alterations to the summit program.

Program - Day Two – Wednesday 6 August 2014



Day Two Opening Address

Gordon Mallett, Chief Executive Officer, The Australian Council for the Teaching of Swimming and Water Safety (AUSTSWIM)

Gordon Mallett's eclectic career has included being: a teacher and school principal including special and indigenous education; NSW Department of Sport and Recreation managing their 10 residential Outdoor Recreation centres and Winter and Summer Academies of Sport as well as the Water Safety Resources Centre; numerous senior positions in local governments in NSW, Queensland and Tasmania.

Gordon was initially CEO of AUSTSWIM between 2000 and 2005. During this period AUSTSWIM underwent a significant restructure, moving from a Federated Model to a single, unified organisation. Paralleling this was a concentration on rejuvenated resources and courses and a focus on brand consolidation. After a short sojourn into Local Government as a Council General Manager, Gordon returned to AUSTSWIM in 2007. Resources have continued to be redeveloped and are now spread across the technology spectrum.

AUSTSWIM has also recently developed a set of Standards for the Teaching of Swimming and Water Safety which are designed to be registered in both Australia and New Zealand and will underpin AUSTSWIM's Accreditation process.

www.austswim.com.au Email: info@austswim.com.au



Keynote Presentation - What we know about men

Janine Scott, GM Marketing & Communications, *beyondblue*

Within the last two years *beyondblue* has launched several major awareness campaigns including 'Anxiety' and 'Man Therapy' and established highly active social media platforms.

Janine joined at the start of this exciting phase, just as *beyondblue* was ready to transfer great research into fresh, engaging national campaigns. Prior to *beyondblue*, Janine was Managing Partner of Jigsaw Strategies, a strategic communications consultancy.

The company advised varied organisations including Metlink, Nestle Peters and IMG on large scale communications challenges, many specifically addressing behaviour change.

Janine served on two not for profit boards for many years before the penny finally dropped and she realised not for profit is where she belongs; working with other talented people to make a difference to the quality and duration of people's lives. Prior to her own business Janine worked for Tourism Victoria and Tourism Tasmania in destination marketing.

www.beyondblue.org.au Email: Janine.Scott@beyondblue.org.au

**Australian Water Safety Strategy 2012-15: Priority Area Three –
Focusing on Key Drowning Challenges**



Goal 7 - Reduce Alcohol and Drug Related Drowning Deaths (10:00am – 11:00am)

Objectives

- 7.1 Create and implement a national drug and alcohol drowning reduction strategy.
- 7.2 Investigate the role of alcohol in drowning, including social and cultural factors, and develop programs that aim to reduce drowning.
- 7.3 Collaborate with recreational boating and fishing groups, alcohol related advocacy groups and government to build effective policy and interventions in this area.

Presentations

Alcohol and drug-related drownings: the data challenge.

Dr Eva Saar, Senior Research Officer, National Coronial Information System (NCIS)

Eva is a pharmacist and a forensic toxicologist currently working as a Senior Researcher with the National Coronial Information System (NCIS) as part of the Victorian Department of Justice. Her research focuses on drug-related, injury-related and intentional-self harm deaths. Her topics of interests include prescription drug abuse amongst others.

Email: eva.saar@ncis.org.au



A population perspective on preventing drug and alcohol related harm: what works and what lessons can be learnt to prevent drowning?

Associate Professor Carolyn Day, Discipline of Addiction Medicine, University of Sydney and Drug Health Services

Dr Carolyn Day is an Associate Professor in the Discipline of Addiction Medicine at the Sydney Medical school, University of Sydney. She is a public health researcher and academic with more than 15 years' experience working in the drug and alcohol field. She has more than 100 publications and received funding from a range of institutions including the National Health and Medical Research Council.

Email: carolyn.day@sydney.edu.au



Under the Influence: Programs for Prevention.

Ms Lauren Nimmo, Senior Manager, Health Promotion and Research, Royal Life Saving Society WA Inc

Lauren Nimmo is the Senior Manager of Health Promotion and Research at the Royal Life Saving Society WA. For the last nine years, Lauren has managed the Society's research projects and community health promotion programs including the Don't Drink and Drown: Alcohol and Water Safety Program.

Email: lnimmo@rlsswa.com.au



Joining the Panel

Dr Bernadette Matthews, Principal Research Associate, Life Saving Victoria

Dr Bernadette Matthews is Principal Research Associate for Life Saving Victoria. Bernadette specialises in aquatic injury prevention research, from epidemiology of fatal and non-fatal drowning, injuries at public swimming pools and patrolled beaches, aquatic safety signage recognition and recall, through to evaluation of education programs and major public awareness campaigns.

Email: bernadette.matthews@lifesavingvictoria.com.au



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**Australian Water Safety Strategy 2012-15: Priority Area Three –
Focusing on Key Drowning Challenges**



**Goal 8 - Reduce Drowning Deaths Attributed to Watercraft
and Recreational Aquatic Activities (11:30am-12:30pm)**

Objectives

- 8.1 Increase access to drowning prevention education and skills for recreational watercraft users.
- 8.2 Advocate for national consistency in policy, legislation and best practice in recreational boating.
- 8.3 Increase access to drowning prevention education and skills for recreational fishers.
- 8.4 Advocate for the development of a National Code of Practice for recreational scuba divers, snorkelers and dive professionals.

Presentations

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What can recent research into rock fishing fatalities tell us about strategies for prevention?

Ms Barbara Brighton, Research Coordinator, Surf Life Saving Australia

Barbara is the Research Coordinator at Surf Life Saving Australia. She completed her MSc degree in Marine Science at Long Island University in New York before moving to Australia. Some of the research she has been involved in at SLSA includes rip currents, personal protective equipment, rocky coast risk assessments and coastal drowning epidemiology.

Email: bbrighton@slsa.asn.au



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The development and impact of PFD wear regulations on drowning of recreational boating occupants in Victoria.

Dr Lyndal Bugeja, Manager, Coroners Prevention Unit

Lyndal manages the Coroners Prevention Unit at the Coroners Court of Victoria and is an Adjunct Research Fellow at Monash University and Melbourne School of Population and Global Health. She has spent much of her career in research and policy roles assisting coroners with the development of recommendations on public health.

Email: Lyndal.C.Bugeja@coronerscourt.vic.gov.au



Co-presenter:

Mr Paul Corkill, Manager, Waterway User Safety, Maritime Safety, Transport Safety Victoria

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Boating Safety - are we making a difference?

Mr Neil Patchett, Manager Boating Safety Policy, Maritime Management Centre, Transport for NSW

Neil has more than 40 years of practical experience in boating and almost 20 years of senior level government experience in promoting safe and responsible boating. He has more than 15 years experience as spokesperson on boating safety for the NSW boating safety regulator on matters of policy, regulation and issues management. He is passionate about building partnerships and has represented recreational boating safety views through a range of committees including the NSW Water Safety Advisory Council; Standards Australia buoyancy aid committee; Marine15 International Conference Organising Committee; and as Chair of the Australia and New Zealand Safe Boating Education Group. In his current role as Manager Boating Safety Policy with the Maritime Management Centre, Transport for NSW, he played a key role in the development, production and delivery of the most comprehensive boating safety campaign in NSW. For the year ended 30 June 2014, boating fatalities in NSW dropped to the lowest level in 20 years.

Email: neil.patchett@transport.nsw.gov.au



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Joining the Panel

Mr Anthony Bradstreet, Coastal Risk and Safety Manager, Surf Life Saving Australia

Anthony is the Coastal Risk and Safety Manager at Surf Life Saving Australia responsible for nationally significant coastal drowning prevention initiatives. He is a member of the AUSTSWIM Australian Council, the Australian Institute of Emergency Management and the International Lifesaving Federation's Drowning Prevention and Public Education Committee.

Email: abradstreet@slsa.asn.au



Goal 9 - Reduce Drowning Deaths in High Risk Populations (1:30pm-2:30pm)

Objectives

- 9.1 Monitor and expand strategies to reduce drowning in Indigenous people.
- 9.2 Continue and expand a community development approach to working with Culturally and Linguistically Diverse (CALD) communities including a skill building approach and workforce development.
- 9.3 Monitor and expand interventions targeted at reducing drowning in tourists and international students.

Presentations

Maori and Pacific drowning prevention - Stay Afloat Stay Alive.

Mr Cory Sweeney, Central North Island Area Manager, Water Safety New Zealand

Cory has been the Central North Island Area Manager for Water Safety New Zealand since January 2011. His position focuses on capability building, sector engagement and empowerment of all New Zealand communities.

Email: cory@watersafety.org.nz



Focused drowning prevention programs for CALD communities- lessons learned.

Ms Melissa Savage, Program & Services Coordinator, The Australian Council for the Teaching of Swimming and Water Safety

Mel is currently the AUSTSWIM NSW Program and Services Coordinator where she spends her time between training presenters, implementing special projects and assisting in developing AUSTSWIM's national training packages including the NEW Teacher of Swimming and Water Safety qualification.

Mel has a Bachelor of Applied Science Leisure and Health with Honours and has just completed her Master's in Public Health - Health Promotion.

Her presenting experience on a national and international level is extensive including presenting on this topic at the World Conference on Drowning Prevention in Germany in 2013.

Email: msavage@austswim.com.au



WaterWise Aquatic Education Program

Ms Stacey Gentles, Centre Coordinator, Emerton Leisure Centre

Stacey is currently the Centre Coordinator at Blacktown Council's Emerton Leisure Centre. Stacey has worked in the Aquatic industry for over 17 years. Emerton Leisure Centre has been successful in running targeted aquatic education programs to engage with the local Aboriginal community. These programs have achieved positive outcomes for both Centre and community.

Email: stacey.gentles@blacktown.nsw.gov.au



Joining the Panel

Greg Tate, General Manager Community Relations, Royal Life Saving Society WA Inc.

Greg has been with Royal Life Saving Society WA for 19 years, managing and delivering water safety and drowning prevention programs to the community. He has also competed in swimming and lifesaving events at a national level and is still a keen swimmer, surfer and water polo player.

Email: gtate@rlsswa.com.au



Poster Presentations

#	Presentation Title	Presenter Details
1	AUSTSWIM Learning Pillars	<p>Mrs Jennifer Schembri-Portelli Manager - Development and Communication, AUSTSWIM Email: jsp@austswim.com.au</p> <p>Co Authors Ms Meredith King, Director, MaKquatic Consult</p>
2	The ANSA NSW Angel Ring Project	<p>Mr Stan Konstantaras President, Australian National Sportfishing Association Email: info@angelrings.com.au</p>
3	Alerting Rock-Fishers of Hazardous Surf Conditions	<p>Mr Neil Moodie National Manager, Marine Weather Services, Bureau of Meteorology Email: N.Moodie@bom.gov.au</p> <p>Co Authors Mr Andrew Treloar, Manager of NSW Weather Services, Bureau of Meteorology, Sydney Ms Julie Evans, Media and Community Relations Officer, Bureau of Meteorology, Sydney</p>
4	Don't put your life on the line – rock fishing drowning prevention communications campaign, Victoria	<p>Mrs Jennifer Roberts Manager - Media and Communications, Life Saving Victoria Email: Jennifer.Roberts@lifesavingvictoria.com.au</p> <p>Co Authors Dr Bernadette Matthews, Principal Research Associate, Life Saving Victoria Ms Rhiannon Birch, Senior Research Assistant, Life Saving Victoria</p>
5	Swimming competency of Victorian school children: Development of a holistic approach from research to policy and practice.	<p>Ms Rhiannon Birch Senior Research Assistant, Life Saving Victoria Email: rhiannon.birch@lifesavingvictoria.com.au</p> <p>Co Authors Dr Bernadette Matthews, Principal Research Associate, Life Saving Victoria Ms Kate Simpson, General Manager Education Services, Life Saving Victoria Dr Lauren Petrass, Lecturer, Faculty of Health, Federation University Australia Associate Professor Jenny Blitvich, Deputy Dean, School of Health Sciences, Federation University Australia</p>
6	Helping older adults to become Everyday Lifesavers - A social inclusion and health project for over 60's	<p>Dr Bernadette Matthews Principal Research Associate, Life Saving Victoria Email: bernadette.matthews@lifesavingvictoria.com.au</p> <p>Co Authors Ms Kate Simpson, General Manager Education Services, Life Saving Victoria Ms Estelle O'Keeffe, Health Promotion Student, Deakin University Ms Rhiannon Birch, Senior Research Assistant, Life Saving Victoria Ms Laura Parkins, Coordinator - Aquatic Education Services, Life Saving Victoria</p>
7	Aquatic risk management: drowning and injury prevention strategy	<p>Mr Nicholas Mulcahy Director, Coastal Scientist, Coastal Research Ltd Aquatic Risk Manager, Surf Life Saving New Zealand Email: nick.mulcahy@coastalresearch.org.nz</p> <p>Co Authors Ms Megan Lowe, Coastal Scientist, Coastal Research Ltd</p>
8	Surf Education: helping Kiwi kids stay safe and have fun on the coast	<p>Ms Natalie Harris Education Development Officer, Surf Life Saving New Zealand Email: natalie.harris@surflifesaving.org.nz</p>

9	How can we measure the risk perception of 8 to 13 year old Nippers participating in surf Swimming?	<p>Ms Amanda Higgerson PhD Candidate, Federation University Australia Email: amandafua@bigpond.com</p> <p>Co Authors Associate Professor Jenny Blitvich, Deputy Dean, Faculty of Health, Federation University of Australia Professor Caroline Finch, Director - Australian Centre for Research into Injury in Sport and its Prevention (ACRISP), Federation University of Australia Dr Lauren Petrass, Lecturer, Faculty of Health, Federation University of Australia</p>
10	Swim and Survive Fund Initiative: Reducing Barriers to Participation in Water Safety Education	<p>Ms Kristal Grainger Senior Project Officer – Education, Royal Life Saving Society - Australia Email: kgrainer@rlssa.org.au</p>
11	NSW Swimming Pool Amendment ACT 2012	<p>Mr Grant Astill Principal Programme Officer, Office of Local Government Email: grant.astill@dlg.nsw.gov.au</p> <p>Co Authors Mr Michael Ilinsky, Operations Manager, Royal Life Saving Society - NSW</p>
12	Unaware or just don't care? Tackling NSW's # 1 drowning blackspot	<p>Ms Stacey Pidgeon Academy Community Education Officer, Surf Life Saving New South Wales Email: spidgeon@surflifesaving.com.au</p>
13	Surf safety and drowning risk perception of youth in West Auckland, NZ	<p>Mrs Stacey Wilcox - Pidgeon MPH Candidate, University of Auckland Email: spidgeon@surflifesaving.com.au</p>
14	Aquatic Physical Activity for ALL – A Collaborative & Career Pathway Approach	<p>Mrs Jennifer Schembri-Portelli Manager - Development and Communication, AUSTSWIM Email: jsp@austswim.com.au</p> <p>Co Authors Ms Meredith King, Director, MaKquatic Consult</p>
15	AUSTSWIM WETS Activity Program	<p>Mrs Jennifer Schembri-Portelli Manager - Development and Communication, AUSTSWIM Email: jsp@austswim.com.au</p> <p>Co Authors Ms Meredith King, Director, MaKquatic Consult Ms Melissa Cameron, Deakin University Student Mrs Wendy Worrell, Teacher Fountain Gate Secondary College</p>
16	Drowning in Older People – A 10 year analysis of drowning deaths of people aged 50 and over in Australia (2002-2012)	<p>Ms Amy Peden National Manager - Research and Policy, Royal Life Saving Society – Australia Email: apeden@rlssa.org.au</p> <p>Co Authors Dr Ana Catarina Queiroga, Royal Life Saving Society – Australia Mr Justin Scarr, Chief Executive Officer, Royal Life Saving Society – Australia</p>
17	The Forgotten 50% - A 10 year analysis of drowning in children and adolescents aged 5-19 years in Australia.	<p>Ms Amy Peden National Manager - Research and Policy, Royal Life Saving Society – Australia Email: apeden@rlssa.org.au</p> <p>Co Authors Dr Ana Catarina Queiroga, Royal Life Saving Society – Australia Mr Justin Scarr, Chief Executive Officer, Royal Life Saving Society – Australia</p>



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