

	WELCOME FUNCTION* — SUNDAY 19 FEBRUARY 2023, 5-7pm (Auditorium Foyer & Clarendon Balcony, Melbourne Convention & Exhibition Centre)						
	Day 1 - MONDAY 20 FEBRUARY 2023						
	Auditorium	Room C	Room D	Room E	Room F	Room G	
	Catch & release fishing	Technology Use in citizen science & management	Harnessing recreational fishing stewardship, leadership & advocacy	Effectiveness of fisheries management interventions	Resource monitoring		
8:45 – 09:00			CONFERENCE OPE	NING			
09:00 - 09:20	WELCOME TO COUNTRY						
09:20 - 09:40	KEYNOTE: RECREATIONAL FISHERIES STEWARDSHIP  STEVE MOYER						
09:40 - 10:00	KEYNOTE: HOW TO BUILD A BRIDGE – LESSONS LEARNT FROM WORKING TO ENHANCE KNOWLEDGE EXCHANGE BETWEEN FISHERIES SCIENTISTS & RECREATIONAL ANGLERS  SASCHA CLARK DANYLCHUK						
10:00 - 10:30			MORNING TEA B				
10:30 - 10:45	Reviewing a decade long behavioural change intervention with recreational anglers: What have we learned? Warren Potts	Evidence that data from a fishing app can explain, predict, and prevent the spread of aquatic invasive species among inland lakes  Paul Venturelli	Characterizing non-commercial boat- based fishing communities in Hawai'i to improve engagement Adam Ayers	Marine recreational fishing in Europe needs to be fully integrated in policy to generate a positive future for the sector <i>Kieran Hyder</i>	An expenditure approach to valuing recreational fishing in NSW Rachel Nichols		
10:45 - 11:00	Lethal and sublethal impacts of catch and release angling for sea trout (anadromous brown trout, Salmo trutta L.)  Simon Weltersbach	Sea Angling Diary Project: Utilising novel methods to survey catches and socio-economic value by recreational sea anglers in the UK Samantha Hook	Fish Screens Australia: Recreational anglers driving adoption of modern fish-protection screens Craig Boys	Recreational gillnetting in Tasmania: The end of an era Sven Frijlink	Cryptic selection under size- selective fishing in native salmonids Jun-ichi Tsuboi		
11:00 - 11:15	Informing obligations: Best practice information for catchand-release in local recreational fisheries management Samuel Blyth	Engaging anglers as citizen scientists in Norway's newly opened recreational tuna fishery <i>Keno Ferter</i>	Beyond engagement: Tools and techniques to leverage angler passions for conservation of recreational fisheries  Andy Danylchuk	Using intervention analysis to evaluate the trends in release rates of a charter fishery following extensive management changes Brett Crisafulli	Evaluation of the flats fishery to formulate a strategic conservation plan to address fisheries and protected areas management in the Yucatan Peninsula of Belize and Mexico Addiel U. Perez		
11:15 - 11:30	Fishing for change: A social marketing approach to reducing the recreational harvest of snapper and pearl perch in Queensland Samuel Williams	Identifying spatiotemporal trends in the dominant market segments of the Indiana angler community, 2012-2021 Josef Hrabowski	United States marine recreational fisheries: Angler leadership and priorities Russell Dunn	Fisheries management virus response - Abalone Viral Ganglioneuritis Ewan Flanagan	Using multilevel-regression and post-stratification (MRP) to extrapolate fisheries survey data: The sea angling example Zachary Radford		
11:30 - 11:45	Mechanisms impacting the short- term survival of Chinook salmon released in the British Columbia marine recreational fishery	Recreational Tag and Report for Sustainable Management Support	A strategic conservation planning initiative identifies recreational fisheries as the primary intervention		Fisheries-induced evolution of shoaling behaviour <i>Valerio Sbragaglia</i>		
	Kaitlyn Zinn	Toby Jeavons	point to conserve threatened "Kob" (Argyrosomus spp.) in South Africa Matthew Farthing				
11:45 - 12:00 12:00 - 13:00	•	Panel Q&A	(Argyrosomus spp.) in South Africa	Panel Q&A	Panel Q&A		
	Kaitlyn Zinn	Resource sharing This theme is sponsored by Department of Primary Industries and Regions,	(Argyrosomus spp.) in South Africa  Matthew Farthing  Panel Q&A	Panel Q&A  Effectiveness of fisheries management interventions	Panel Q&A  Technology use in citizen science & management		
	Panel Q&A	Panel Q&A  Resource sharing This theme is sponsored by Department of Primary	(Argyrosomus spp.) in South Africa Matthew Farthing Panel Q&A LUNCH Harnessing recreational fishing	Effectiveness of fisheries	Technology use in citizen		
12:00 - 13:00	Panel Q&A  Catch & release fishing  Influence of fish attractant on hooking location of Lutjanus carponotatus and Epinephelus quoyanus caught with soft plastic and hard-bodied lures	Resource sharing This theme is sponsored by Department of Primary Industries and Regions, South Australia  Exploring traditional and contemporary measures of recreational fishing to inform resource allocation: A case study of small-scale Blue Swimmer Crab fisheries in south-west Western Australia	(Argyrosomus spp.) in South Africa Matthew Farthing  Panel Q&A  LUNCH  Harnessing recreational fishing stewardship, leadership & advocacy  King Reef: The efficacy of integrated artificial reefs in boosting recreational fishing experiences and opportunities in Western Australia	Effectiveness of fisheries management interventions  Canadian freshwater fisheries: persistent challenges and opportunities for capacity building	Technology use in citizen science & management  An integrated European catch reporting system for European recreational fisheries		
13:00 - 13:15 13:15 - 13:30 13:30 - 13:45	Panel Q&A  Catch & release fishing  Influence of fish attractant on hooking location of Lutjanus carponotatus and Epinephelus quoyanus caught with soft plastic and hard-bodied lures  Ben Diggles  The influence of angler practices on the short-term post-release behaviour of freshwater fish  Luc LaRochelle  Effects of angling approaches and riverine water temperature on survival to spawning grounds of marine captured and released Chinook salmon  Kaitlyn Zinn	Resource sharing This theme is sponsored by Department of Primary Industries and Regions, South Australia  Exploring traditional and contemporary measures of recreational fishing to inform resource allocation: A case study of small-scale Blue Swimmer Crab fisheries in south-west Western Australia  Claire Smallwood  Fifteen years of monitoring, allocating and managing a socially valuable, multisector demersal resource Shane Walters  Negotiating stakeholder needs and expectations during a temporary closure Skye Barrett	(Argyrosomus spp.) in South Africa Matthew Farthing  Panel Q&A  LUNCH  Harnessing recreational fishing stewardship, leadership & advocacy  King Reef: The efficacy of integrated artificial reefs in boosting recreational fishing experiences and opportunities in Western Australia James Florisson  Understanding the drivers of successful peak body models Jane Gallichan  Capacity building in a catch-and-release fishery in the Seychelles through angler stewardship Lucas Griffin	Effectiveness of fisheries management interventions  Canadian freshwater fisheries: persistent challenges and opportunities for capacity building Andrew Howarth  Imagination, reality, and reproduction – comparing the expectations of coastal sea trout anglers with real catches, and sea trout spawning activity	Technology use in citizen science & management  An integrated European catch reporting system for European recreational fisheries  Owen McIntyre  Can climate-induced changes in the relative abundance of freshwater game fish be inferred from digital catch log data?  Paul Venturelli  Seeing Underwater – Four techniques for assessing fish and habitat with Echosounders Stefan Sawynok		
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14:50 - 15:05	Barotrauma relief techniques and their effect on the short-term post-release behaviour of walleye Jamie Madden	The Politics of Fisheries Resource Sharing Martin Paish	Drivers of anglers' behaviour related to minimizing the spread of aquatic invasive species Gerard Kyle	A spatially explicit individual- based model to support management of commercial and recreational fisheries for European sea bass Dicentrarchus labrax Kieran Hyder
15:05 - 15:20	Return 'Em Right: Accounting for Angler Actions in Science Jamie Reinhardt	Using natural capital information to support fisheries management: The case of the European sea bass (Dicentrachus labrax)  Kieran Hyder	The River Repair Bus program and multi-layer community benefit Braeden Lampard	10 in TEN – A plan for restocking and recovery of 10 threatened Species in TEN years through Victoria's 'Conservation Hatchery' program Jarod Lyon
15:20 - 15:35	Shifting angler behaviours: Marine anglers as a more specialized but possibly less lethal predator Edward Camp	The multiple values of Australian marine partially protected areas: Information to improve management outcomes Isabel Haro-Bilbao	Multifaceted approach to flats conservation in The Bahamas through advocacy and education Justin Lewis	Managing the apex of sport fisheries: The case of Atlantic highly migratory species – billfish, tunas, sharks and swordfish Cliff Hutt
15:35 - 15:50	Citizen science offers a window into the influence of oceanographic factors on sailfish catch distribution in northern Australia Laura Smith		Shark Mates: Improving recreational fishing of sharks, rays and chimaeras Sean Williamson	Using impoundment habitat enhancement to improve recreational fishing opportunities Andrew Norris
15:50 - 16:00	Panel Q&A	Panel Q&A	Panel Q&A	Panel Q&A
16:00			CLOSE OF DAY	1

Tackling Litter - Developing a National Action Plan to address recreational fishing generated waste and ghost gear for Australia Anissa Lawrance & Cassie Price





			Day 2 - TUESDAY 21 FEB	RUARY 2023		
	Auditorium	Room C	Room D	Room E	Room F	Room G
	First nations peoples	Recreational fishing participation & diversity, promotion & education	Harnessing recreational fishing stewardship, leadership & advocacy	Effectiveness of fisheries management interventions		
09:00 - 09:20			KEYNOTE: FIRST NATIONS PEOPLE & RE	CREATIONAL FISHING		
09:20 - 09:40		KEYNOTE	: RECREATIONAL FISHERS, AUSTRALIA'S CRAIG COPELAND			
09:40 - 10:00		KEYNOTE: IMPLICA	TIONS OF A CHANGING AUSTRALIAN DE INGRID VAN PUTTE	MOGRAPHIC FOR RECREATIONAL FIS	HING	
10:00 - 10:30			MORNING TEA BRI			
10:30 - 10:45	Wirramarri – Long Way from Home Part 1: Exploring the Interactions between a Government Agency and Traditional Owners following the Menindee Fish Kills Matthew McLellan	Measuring recreational fishing participation and satisfaction as key performance indicators from community surveys in Western Australia Eva Lai	Can we grow positive social norms so that catch reporting becomes part of recreational fishing Tyson Martin	Movement patterns of dolphinfish Coryphaena hippurus around fish aggregating devices (FADs) Felicity Osborne		Working together to engage anglers, address barotrauma, and reduce discard mortality in recreational fisheries Julia Goss
10:45 - 11:00	Wirramarri – Long Way from Home Part 2: Bringing together Arts, Science and Ancient Knowledges – A model for Co- operation and Community Discussion Sarah McEwan	A 'Golden' opportunity in fostering community support and tourism: Promoting recovery in the face of adversity Mattias Baenziger	Addressing new challenges in recreational fisheries resource management Sean Morton	Stocking Spatial Planning: Examining Trade-offs in Largemouth Bass Recreational Fisheries Systems Diana Perry		
11:00 - 11:15	Burnanga Indigenous Fishing Club: Caring for Country and Culture through Recreational Fishing Corey Walker	Expectations of future trends in recreational fishing activities and angler behaviour in the Nordic countries: A Delphi approach Malgorzata Blicharska	From bread-and-butter to range extenders, the Tassie Fish Frame Collection Program drives outcomes for community, science and management David Mossop	Assessing the impact of management changes on the recreational fishery for Sand Flathead in Tasmania Kate Stark		
11:15 - 11:30	A critical review of no-take Marine Protected Areas (MPAs) & implications for traditional fishing practise Sydney Curtis-Wilson	Comparing motivations and satisfaction between avid anglers and the general public: A case study on recreational fishing in the Stockholm archipelago Samuel Blyth	Reconceptualising recreational fisheries management in Tasmania: attending to the needs of a changing fishery through strategic planning Rod Pearn	How do you most effectively make hundreds of thousands of baby fish a year? With coastal floodplain habitats! Cassie Price		
11:30 - 11:45	The Bristol Bay Fly Fishing & Guide Academy: Creating opportunities for the Indigenous Youth of Southwest, Alaska <i>Tim Troll</i>	Enabling recreational fishing participation by providing fishing facilities  Travis Preece	Seeds for snapper: Recreational fishers making a difference Steve Pursell	Assessing the welfare impacts of changes in recreational angling management: An Integrated Modelling Approach for European sea bass Kieran Hyder		
11:45 - 12:00	Panel Q&A	Panel Q&A	Panel Q&A POSTER SESSION	Panel Q&A		
12:00 - 13:00 13:00 - 13:15	SPECIAL SESSION: National	Engaging multicultural communities	LUNCH BREAK Measuring the social value of sea	Return of the monster trout- the		
13.00 - 13.13	Recreational Fishing Survey Results Session opening: Rob Mitchell MP	in responsible fishing behaviour: A case study of the Blue Swimmer Crab and Roe's Abalone fisheries in Western Australia  Joshua Brown	angling: Combining revealed and stated preference approaches for the UK Kieran Hyder	recovery of lakes Crescent and Sorell, Tasmania Rob Freeman		
13:15 - 13:30	Sean Tracey Andy Moore Jacki Schirmer Anders Magnusson	Inspiring sustainable recreational fishing behaviours through ocean literacy engagement with youth and CaLD communities: Challenges and opportunities from a science teacher's perspective Kylie Chatfield	United Kingdom recreational shark angler practices, perceptions and attitudes: Bridging the gap between scientists and anglers for the benefit of sharks  Bryce Stewart	Enhancement of recreational crustacean fisheries in south-eastern Australia Matthew Taylor		
13:30 - 13:45		Standardising Fish Names Across Australian Jurisdictions: Publication and development of the Australian Standard for Fish Names Russell Conway	Fish For Life: Building a healthy fishing future Emma Simpson	What's the future of recreational fishing in the Murray-Darling Basin, SE Australia Charles Todd		
13:45 - 14:00		Fishcare Volunteers: Enlightening the community <i>Toni Crosbie</i>	Applying a terrestrial conservation approach to better engage recreational fishers in fish and habitat conservation strategy Aaron Adams	Angler compliance with Rockfish Conservation Areas in British Columbia, Canada, in response to awareness efforts and COVID-19 Paul Venturelli		
14:00 - 14:15	Daniel 2014	Fishing Competition: Time, Money or Fish – what is the limiting factor?  Jim Higgs	Women in recreational fishing: Breaking barriers and building community Leanne Ngo	Developing recreational fisheries in water supply reservoirs in southern Australia Danny Simpson		
14:15 - 14:30 14:30 - 14:50	Panel Q&A	Panel Q&A	Panel Q&A  AFTERNOON TEA BF	Panel Q&A REAK		
	Shark depredation & mitigation	RAPID FIRE SESSION	Harnessing recreational fishing stewardship, leadership & advocacy	Resource monitoring		
	Shark depredation & midgation		sterrardship, reduction b a dayoede,			
14:50 - 15:05	Emerging needs to address shark depredation and shark-angler conflict in recreational fisheries: Lessons learned from U.S. recreational fisheries Grace Casselberry	SmartPass: An Innovative Approach to Measure Fishing Effort Using Smart Cameras and Machine Learning Sepp Haukebo	Empowering recreational anglers to improve fish habitat and science in the United States  Tim Sartwell	Agent-based models for sustainable recreational fisheries management Kevin Haase		Toward the integration of digital recreational fisheries data for research & monitoring Valerio Sbragaglia
14:50 - 15:05 15:05 - 15:20	Emerging needs to address shark depredation and shark-angler conflict in recreational fisheries: Lessons learned from U.S. recreational fisheries	SmartPass: An Innovative Approach to Measure Fishing Effort Using Smart Cameras and Machine Learning	Empowering recreational anglers to improve fish habitat and science in the United States	sustainable recreational fisheries management		digital recreational fisheries data for research & monitoring



15:35 - 15:50

15:50 - 16:00

16:00

#### WRFC10 PROGRAM 10<sup>th</sup> World Recreational Fishing Conference

15:20 - 15:35 Shark depredation: Future directions in research and management

Jonathan Mitchell

Taxing the silver king: Depredation of and spatial overlap between Atlantic tarpon (Megalops atlanticus) and great hammerhead sharks (Sphyrna mokarran) in the southeastern United States Grace Casselberry

Panel Q&A

Surveying anglers' values and support for activities that protect or restore freshwater ecosystems Alexander Vaishampayan

Integrating sense of place in angler stewardship studies including local & tourist anglers Lotte van den Heuval

Recreational & sport fishing in Yucatan, Mexico: Social, technicalbiological & economic dimensions Angélica Quiñones-Peraza

Cost of being choosy in harvest: Short-term mortality health of northern pike culled from stringers Jamie Madden Panel Q&A

Working with anglers toward a habitat focus in management of marine recreational fisheries JoEllen

Inspiring angler stewardship for healthy rivers: Why water for the environment benefits fishing Sarina Loo

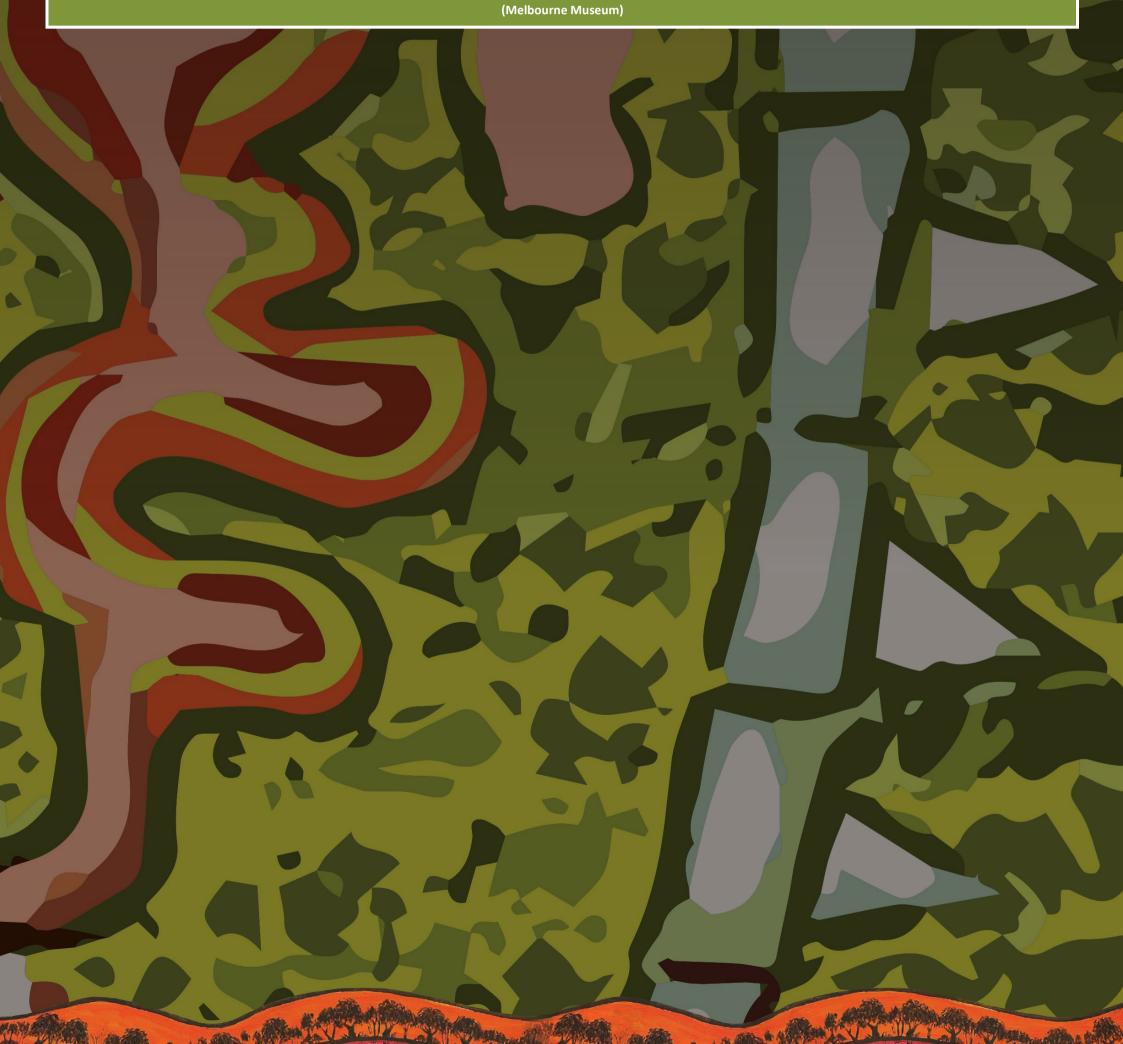
Harvest strategies in freshwater recreational fisheries: Putting the cart before the horse in monitoring programs across large spatial scales in NSW Nathan Miles

BC's Avid Angler Program: Using Citizen Scientists to gather data

Panel Q&A

CLOSE OF DAY 2 GALA DINNER - "A NIGHT AT THE MUSEUM" - & AWARDS CEREMONY\*, 6:30 – 10:15pm

Panel Q&A





	Day 3 - WEDNESDAY 22 FEBRUARY 2023					
	Auditorium	Room C	Room D	Room E	Room F	Room G
	Climate change impacts & adaptation	Assessment & adaptive management	Resource monitoring	Data acquisition	Assessment & adaptive management	
09:00 - 09:20	daptation	шишьенен	KEYNOTE: CLIMATE CHA		management	
09:20 - 09:40	BETH NYBOER  KEYNOTE: CITIZEN SCIENCE CAN ANSWER MORE QUESTIONS THAN YOU THINK					
09:40 - 10:00	MATTHEW TAYLOR  KEYNOTE: POWER OF FISHING AS THERAPY					
09.40 - 10.00			ROBSON GR			
10:00 - 10:30	MORNING TEA BREAK					
10:30 - 10:45	A decadal nationwide assessment of climate-driven species redistribution using citizen science data Gretta Pecl	Estimates of recreational Pipi harvest in South Australia and trends in fishing behaviour Leonardo Durante	Change points in marine recreational fisheries - the impact of stock status and fisheries regulations: A case from the western Baltic Sea Simon Weltersbach	What YouTube can tell us about recreational fisheries? Valerio Sbragaglia	Temporal and spatial trends in recreational fishing effort based on passive data from smart phone applications and drone aerial surveys  Asta Audzijonyte	Incorporating habitat into recreational fisheries management Aaron Adams & Craig Copeland
10:45 - 11:00	Recreational inland fisheries as food: Potential impacts of climate vulnerability on nutrition and economic value Holly Embke	Assessing the economic impact of charter boat catch and release Atlantic Bluefin Tuna fishery from angler expenditure Kieran Hyder	Fisher Science and its role in fish habitat restoration Robbie Porter	Monitoring coastal recreational fisheries using deep learning <i>Marco Signaroli</i>	Improved understanding of the spatial patterns of marine recreational fisheries Shannon Burchert	
11:00 - 11:15	A climate vulnerability assessment for recreational fisheries: Caribbean case study Sepp Haukebo	Enhancing recreational fisheries in NSW: More than just adding structure or fish to the water, how ecological understanding and combined monitoring approaches can help optimise outcomes  Alistair Becker	2021/22 Survey of Recreational Fishing in South Australia Crystal Beckmann	Tournament monitoring of an iconic Australian recreational fishery across extended spatial and temporal scales <i>Gavin Butler</i>	Utilisation of creel surveys, boat ramp cameras, and recruitment monitoring to inform the development of a harvest strategy for the Victorian recreational snapper fishery Justin Bell	
11:15 - 11:30	Adapting to climate change in Australia's South West: Redesigning the Trout Stocking Program for the future Andrew Beer	Change is in the eye of the beholder: An exploration of anglers' fish stock trend perceptions  Lotte van den Heuvel	Advances in data collection using electronic technologies in for-hire fisheries in the south-eastern United States Kenneth Brennan	A national survey to understand the nature and scale of Australia's recreational Southern Bluefin Tuna fishery Sean Tracey	A new Rock Oyster and recreational fisher efforts bringing life back into a troubled river Matt Landos	
11:30 - 11:45		FishGen: Genetic Analysis and Maximising the Impact of Fish Stocking Programs - A Management Perspective Matthew McLellan	Front-footing the discussion: Assessing, triaging and moderating population level vulnerability of New Zealand fish to trout predation <i>Ami Coughlan</i>	Using novel field sampling methods to estimate catch and effort in Norway's complex marine recreational fishery Keno Ferter	Tasmania's wild brown trout fishery Chris Wisniewski	
11:45 - 12:00 12:00 - 13:00	Panel Q&A	Panel Q&A	Panel Q&A	Panel Q&A	Panel Q&A	
12.00 - 13.00			ESITEIT			
	Climate change impacts &	Fostering community support &			Assessment & adaptive	
	Climate change impacts & adaptation	Fostering community support & tourism	Resource monitoring	Data acquisition	Assessment & adaptive management	
13:00 - 13:15			Resource monitoring  Incorporating uncertainties about socioeconomic aspects to improve management and placement decisions of artificial reefs  Lisa Chong	Data acquisition  Citizen science contribution by recreational fishers aids the quantification and prediction of species distributions at their range edge  Alexia Graba-Landry		Building a brighter future for our fish: Inspiring angler stewardship for healthy rivers Sarina Loo
13:00 - 13:15 13:15 - 13:30	adaptation Interannual variation in recreational fisheries under the influence of drought, bushfires, floods and a global pandemic	tourism  Exploring variability in recreational fishing participation by fisher demographics and fishing behaviour	Incorporating uncertainties about socioeconomic aspects to improve management and placement decisions of artificial reefs	Citizen science contribution by recreational fishers aids the quantification and prediction of species distributions at their range edge	Integrating recreational fishing into harvest strategies: What do recreational fishers want and do we have the data to achieve it?	our fish: Inspiring angler stewardship for healthy rivers
	adaptation  Interannual variation in recreational fisheries under the influence of drought, bushfires, floods and a global pandemic Faith Ochwada-Doyle  Recreational angling reduces the potential of physiological adaptation to the impacts of climate change	Exploring variability in recreational fishing participation by fisher demographics and fishing behaviour Karina Ryan  The partnership approach to save an Australian threatened native freshwater fish species from extinction – our beloved Macquarie perch	Incorporating uncertainties about socioeconomic aspects to improve management and placement decisions of artificial reefs Lisa Chong  What is the economic value of freshwater 'put and take' fisheries in Western Australia?	Citizen science contribution by recreational fishers aids the quantification and prediction of species distributions at their range edge Alexia Graba-Landry  Factors affecting seabird abundance and interaction with the nearshore 'for hire' recreational charter fishery in New South Wales, Australia	Integrating recreational fishing into harvest strategies: What do recreational fishers want and do we have the data to achieve it? Ash Fowler  Wildly sustainable recreational fisheries - evidentiary assessments of stock and fishery performance	our fish: Inspiring angler stewardship for healthy rivers
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