



ASFB & ISSESr 2015

SYDNEY · AUSTRALIA

ASFB2015 and 5th ISSESr DRAFT CONFERENCE PROGRAM

This draft program has been provided for information purposes only. It may be subject to minor modification.

The final conference program including full information on presentation titles assigned to each slot and chairs for each session will be published on the website a few weeks prior to the conference, and also emailed to all delegates.

If you have any issues or queries please contact the Conference Secretariat LiekeS@icmsaust.com.au

ASFB ISSESr 2015 Sunday 11 October	
	Sydney Sea Life Aquarium
1600 - 2000	Registration - Sydney SEA-LIFE Aquarium
1800 - 2000	Welcome Reception - Sydney SEA-LIFE Aquarium (sponsored by SEA-LIFE Trust) - Incl'd with rego, but must book ticket with Secretariat

ASFB ISSESR 2015 Monday 12 October

Room	Wattle	Thomas	Broadway	Jones	Harris	SC	SC 1 and 2	
Capacity	100	100	100	100	100		48	
	ISSESr	ASFB	ASFB	ASFB	ASFB		ASFB	
0700 - 0820	Registration - Aerial Function Centre							
0820 - 0825	Opening Words by Matt Taylor, Chair ASFB 2015 and 5th ISSESr							
0825 - 0830	Official Opening by Geoff Allen, Deputy Director General, NSW DPI-Fisheries							
0830 - 0845	Gary Jackson (President, ASFB) and Ron Essig (President, AFS)							
0845 - 0930	Keynote Paul Lumley							
0930 - 1015	Keynote Marissa Baskett							
1015 - 1045	Morning Tea							
	ISSESr - Integrating demo & gen pers on stock mgt & socio ec and gov cons	Threatened Species	Rec Fisheries	Climate Change	Videos, Fish behav		Fish Bio, Ecol, Mgt	
1045 - 1230	1. Michael Tringali (30 mins) 2. Enrique Blanco Gonzalez 3. Taylor Hunt 4. Graeme Bowley 5. Ben Doolan 6. Sarah Boyd	1. Mark Lintermans 2. Scott Raymond 3. Luke Pearce 4. Michael Hutchison 5. Rhys Coleman 6. Peter Unmack 7. Nick Whiterod	1. Lee Georgeson 2. Bruce Hartill 3. Nicola Rush 4. Jane Zhao 5. Jeremy Lyle 6. Marcus Lincoln-Smith 7. Jamin Forbes	1. Julian Hughes 2. Jane Williamson 3. Stephen Mayfield 4. Tullio Rossi 5. Giverny Rodgers 6. Michael Tropiano 7. Paloma Matis	1. Evan Byrnes 2. Jordan Goetze 3. Dianne McLean 4. Dianne McLean 5. Matt Rees 6. Miles Parsons 7. Alistair Becker	Speakers Prep Room	1. Charles Todd 2. Matthew Gordos 3. Ben Broadhurst 4. Peter Unmack 5. Ashley Fowler 6. Ken McColl	
1230 - 1315	Lunch							
	ISSESr - Stock enh as a comp fish mgmt tool	Threatened Species	Rec Fisheries	Climate Change	Videos, Fish behav		Rep. ELH, recruit	
1315 - 1515	1. Kai Lorenzen (30 mins) 2. Takaaki Kayaba 3. Shinji Uehara 4. Tom McCowan 5. Grant Leeworthy 6. Lachie Jess	1. William Gladstone 2. Mae Noble 3. Stewart Fallon 4. Lara Suitor 5. Qifeng Ye 6. Lauren Veale 7. Jonas Bylemans	1. Faith Ochwada-Doyle 2. Stephen Taylor 3. Stephen Taylor 4. Krystle Keller 5. Jeff Murphy 6. Claudia Trave 7. Sean Tracey	1. Graeme Poleweski 2. Will Figueira 3. Chris Hallett 4. Katherine Cure 5. Gary Jackson 6. Nathan Waltham 7. Laura Lopez	1. Derrick Cruz 2. James Donaldson 3. Tim Langlois	Speakers Prep Room	1. Dan Warren 2. Luke McPhan 3. Danswell Starrs 4. Brett Pfulgrath 5. Tara Hicks 6. Caitlin Young 7. Anne-Marie Hegarty	
1515 - 1545	Afternoon Tea							
	ISSESr - Stock enh as a comp fish mgmt tool	Threatened Species	ASFB AWARD TALKS					
1545 - 1630	1. Caleb Gardner 2. Siddharta Pati	1. Brendan Ebner	1. Izzo 2. Morrongiello					
1630 - 1830	ISSESr International Scientific Committee Meeting	ASFB AGM						
1900 - 2100	Student Mixer - Penny Lane, Ultimo (sponsored by University of Technology, Sydney) - Incl'd with rego, but must book ticket with Secreteriat							

ASFB ISSESR 2015 Tuesday 13 October

Room	Wattle	Thomas	Broadway	Jones	Harris	SC	SC 1 and 2	
Capacity	100	100	100	100	100		48	
	MDB NFF		ASFB	ASFB	ISSESr			
0845 - 0915	<u>Opening MDB NFF Craig Copeland</u>		<u>Keynote Kate Barclay</u>					
0915 - 1000	<u>Keynote Martin Mallen Cooper</u>							
0930 - 1015	1. John Koehn 2. Brenton Zampatti		<u>Keynote Caleb Gardener</u>					
1015 - 1020			<u>SUBCON - Art. Reefs Pres</u>					
1020 - 1045	Morning Tea							
	MDB NFF		Prod & Prof Fish	Climate Change & Rep. ELH, recruit	ISSESr - Evaluating Outcomes			
1045 - 1230	<i>Environmental Flow Q&A</i> 1. Greg Ringwood 2. Michael Hutchison 3. Zeb Tonkin 4. Matt Hansen <i>Habitat Rehabilitation Q&A</i>		1. Malcolm Hadden 2. Juan Carlos Quiroz 3. Jennifer Ovenden 4. Annabel Jones 5. Tim Ward 6. Crystal Beckmann 7. Neil Loneragan	1. Matthew Le Feuvre 2. Garry Ogston 3. Jennifer Donelson 4. Natalie Moltschaniwskyj <i>Discussion</i> 5. Joel Williams 6. Steven Hawes	1. Ken Leber (30 mins) 2. Shigenori Suzuki 3. Yoshitaka Sakakura 4. Ann-Lisbeth Agnalt 5. Craig Blount 6. Ellen Sofie Grefsrud	Speakers Prep Room		
1230 - 1315	Lunch							
	MDB NFF		Prod & Prof Fish	MPAs, Marine Estate	ISSESr - Evaluating Outcomes & Adv in aquacult tech			
1315 - 1500	1. Craig Boys <u>Keynote Les Perkins</u> 2. Lee Baumgartner 3. Matt Gordos <i>Fish-friendly river infrastructure Q&A</i>		1. Emily Fisher 2. Tyson Martin 3. Osman Samsun 4. Craig Mundy 5. Anthony Fowler 6. John Stewart 7. Adam Schultz	1. Bob Creese 2. Michelle Voyer 3. John Ford 4. Nick Yabsley 5. Hamish Malcolm 6. Renata Ferrari Legorreta 7. Lynnath Beckley	1. Neil Loneragan 2. Cristopher Setio 3. Craig Blount 4. Cathy Hair 5. Reg Blaylock 6. Gavin Partridge 7. Rafael Dumalan	Speakers Prep Room		
1500 - 1530	Afternoon Tea							
	MDB NFF		Prod & Prof Fish	Tech. Ecol. Telemetry	ISSESr - Advances in aquacult tech			
1530 - 1700	1. Keller Kopf 2. Matt Barwick 3. Jamin Forbes <i>Invasives, stocking and citizen Q&A</i> 4. Craig Copeland		1. Emily Fisher 2. Samantha Sherman 3. Stuart Sexton <i>Discussion</i>	1. Anthony Fowler 2. Nathan Knott 3. Jan-Olaf Meynecke	1. Fletcher Warren-Myers 2. Ryo Kawabe 3. Nathan Brennan 4. Jun Lin			
1700 - 1830	Meet the Boffins - Aerial Function Centre - for MDB NFF delegates only							
1830 - 2130					ISSESr Catch Up - Bar Broadway (Sponsored by Mote Marine Labs) - Ticket req'd			

ASFB ISSESR 2015 Wednesday 14 October

Room	Wattle	Thomas	Broadway	Jones	Harris	SC	SC 1 and 2
Capacity	100	100	100	100	100		48
Theme	ISSESR/ ASFB	ASFB	ASFB	ASFB	ASFB		
0845 - 0930	<u>Keynote Dean Jerry</u>						
0930 - 1015	<u>Keynote Brad Adams</u>						
1015 - 1045	Morning Tea						
	ISSESR - Adapting to a changing env & Artificial Habitat	Environmental Flows	Tech. Ecol. Telemetry	Est. Coast Con. Hab	Rec Fisheries		
1045 - 1230	1. Jay R Gorospe 2. Jon Altamirano 3. Jay R Gorospe 4. Jon Altamirano 5. Lachlan Strain <i>Discussion</i> 6. Michael Lowry	1. Jonathan Marshall 2. Peter Negus 3. Wayne Koster 4. Doug Harding 5. David Crook 6. Frank Amstaetter 7. Ryan Woods	1. Lachlan Fetterplace 2. Christopher Henderson 3. Leanne Currey 4. Russ Babcock 5. Gwenael Cadiou 6. Jordan Matley 7. Daniel Yeoh	1. Ronald Baker 2. Hayden Schilling 3. Christopher Fulton 4. Alexia Dubuc 5. Carlo Mattone 6. Michael Bradley 7. Martha Brians	1. Sam Williams 2. Sarah Buckley <i>Discussion</i>	Speakers Prep Room	Speakers Prep Room
1230 - 1315	Lunch						
	Artificial Habitat	Environmental Flows	Tech. Ecol. Telemetry	Est. Coast Con. Hab	Fish Energ. Behav.		
1315 - 1500	1. Kate Reeds 2. Molly Scott 3. Shinjiro Ushiyama 4. Curtis Champion 5. Aaron Davis 6. Brendan Lanham 7. Heath Folpp	1. Heleena Bamford 2. Fiona Small 3. Daniel Stoessel 4. Andrew McDougall 5. John Morrongiello 6. John Koehn 7. Zeb Tonkin	1. Andre Steckenreuter 2. Elodie Ledee 3. Fernando Cagua 4. Maria Espinoza 5. Samanta Munroe 6. Dylan Van Der Meulen 7. Culum Brown	1. Jakob Fries 2. Joshua van Lier 3. Michael Corry 4. Geoffrey Collins 5. Russell McWilliam 6. Lachlan McLeay 7. O. Selma Klanten	1. Timothy Clark (30 mins) 2. Teresa Iglesias 3. Nastasaran Mazloumi 4. Stephanie Brodie 5. Kyle Tyler 6. Heide Pethybridge	Speakers Prep Room	Speakers Prep Room
1500 - 1530	Afternoon Tea						
	Artificial Habitat	Environmental Flows	Tech. Ecol. Telemetry	Est. Coast Con. Hab	Fish Energ. Behav.		
1530 - 1715	1. David Booth 2. David Booth 3. Ryan Paik 4. James Smith 5. Iain Suthers 6. Paul Lewis <i>Discussion</i>	1. David Roberts 2. Dale McNeil 3. Andrew McDougall <i>Discussion</i>	1. Barry Bruce 2. Jason Lieschke 3. Wayne Koster 4. Stephen Beatty 5. David Crook <i>Discussion</i>	1. Jason Everett 2. Stephen Beatty <i>Discussion</i>	1. Darcie Hunt 2. Jason Thiem 3. Nick Whiterod 4. Adrian Gleiss <i>Discussion</i>	Speakers Prep Room	Speakers Prep Room
1900 - 2300	Conference Dinner Cruise (Ticket req'd), purchase ticket from Secreteriat						

Last Name	First Name	Speakers Paper Title
Keynote presentations		
Jerry	Dean	Spyglass into aquatic biological diversity - use of environmental DNA (eDNA) to detect rare and invasive species.
Barclay	Kate	How Can We evaluate the Social Contribution of Fisheries?
Lumley	Paul	Using Indigenous Fishing Rights to Stimulate Restoration of Fish Populations (supported by Fisheries Research and Development Corporation)
Baskett	Marissa	The role of rapid evolution in responses to stock enhancement and environmental change (supported by University of Florida)
Adams	Brad	Sea Ranching Of Abalone - Flinders Bay, Western Australia
Gardner	Caleb	Increasing production in fully exploited fisheries (supported by WA Fish Foundation)
Integrating demographic and genetic perspectives on stock management for fisheries enhancement		
Tringali	Michael	Utilizing managed releases to maintain and, where necessary, restore genetic security in demographically challenged populations
Blanco Gonzalez	Enrique	Genetic and phenotypic characterization of local and translocated corkwing wrasse (<i>Symphodus melops</i>) populations
Socio-economics and governance of fisheries to incentivize and regulate enhancements		
Hunt	Taylor	Economic cost-effectiveness of a fish stocking program for enhancing recreational fishing
Bowley	Graeme	New South Wales (NSW) Hatchery Quality Assurance Scheme
Doolan	Ben	Environmental and Social Benefits of Engaged Governance of Fish Stocking Activities
Boyd	Sarah	Marine stocking in NSW.... moving ahead responsibly
Stock enhancement as a complementary fisheries management tool		
Lorenzen	Kai	Quantitative assessment of fisheries enhancements: a critical review
Kayaba	Takaaki	An approach to restore the stock condition of a depleted species of flounder in Northern Japan: Elucidating the spawning ecology of stocked barfin flounder <i>Verasper moseri</i> for better fishery management
Uehara	Shinji	Evaluation of the Effectiveness of Stocking Japanese Flounder
McCowan	Tom	PauaMAX' - Holistic Enhancement of New Zealand's Blackfoot Abalone (<i>Paua</i>) Resource
Leeworthy	Grant	Potential for marine stock enhancement and spatial fisheries management in Victoria. Concepts, practice, policy needs, economics and sustainability.
Jess	Lachie	Re-introduction of Trout cod in NSW " One million fish later
Gardner	Caleb	The pathway from research on lobster translocation into a commercial enhancement enterprise
Pati	Siddhartha	Stock enhancement and sea-ranching of horseshoe crab species along the north-east coast of India
Evaluating enhancement and restoration outcomes: experiments and meta-analyses		
Leber	Ken	Evolution of marine stock enhancement in Florida, USA
Suzuki	Shigenori	Evaluation of Stocking Effectiveness of Tiger Puffer
Sakakura	Yoshitaka	Evaluation of fish quality and microhabitat for release in the hatchery-reared tiger puffer juveniles.
Agnalt	Ann-Lisbeth	Enriched environment promotes shelter-seeking and survival of hatchery-produced juvenile European lobster (<i>Homarus gammarus</i>)
Blount	Craig	Maximising Benefits and Minimising Adverse Impacts from Marine Stocking " A Case Study from Australia
Grefsrud	Ellen Sofie	Exposure to predator odors enhances shelter seeking and competitive behaviour in hatchery reared juvenile European lobster (<i>Homarus gammarus</i>)
Loneragan	Neil	Understanding the ecology of the Western School Prawn to maximize restocking success
Setio	Christopher	A responsible stocking program for Eastern king prawns (<i>Penaeus plebejus</i>) in Australia
Blount	Craig	Increasing Production from an Under-exploited Fishery - Enhancing the Yield and Colour of the Roe of the Urchin, <i>Centrostephanus rodgersii</i> , by Reducing Density or Transplanting Individuals
Hair	Cathy	Optimising methods for community-based sea cucumber ranching: Experimental release of cultured juvenile <i>Holothuria scabra</i> into PNG seagrass meadows
Advances in aquaculture technologies for fisheries enhancement and restoration		
Blaylock	Reg	Hatchery Related Effects on Post-Release Survival of Spotted Seatrout <i>Cynoscion nebulosus</i>

Last Name	First Name	Speakers Paper Title
Partridge	Gavin	The development of techniques for the collection of fertilised snapper <i>Chrysophrys auratus</i> eggs from Cockburn Sound spawning aggregations and their culture for enhancement purposes.
Dumalan	Rafael Junnar	Potentials Of Juvenile Sandfish Grow-out In A Fish Farm Impacted Area
Warren-Myers	Fletcher	Enriched Stable Isotope Mass Marking Techniques For Aquaculture And Restocking
Kawabe	Ryo	Thermal regimes during the spawning migration of the barfin flounder (<i>Verasper moseri</i>) and its link to final oocyte maturation and ovulation
Brennan	Nathan	Stage-specific vulnerability of juvenile common snook to spinal deformity: morphological responses to water velocity and rearing environment
Lin	Jun	Hydrodynamic and ecological effect of an offshore mussel suspended aquaculture farm: observation and modelling
Adapting to environmental change: the role of fisheries enhancement and restoration		
Gorospe	Jay R	Growth And Survival Of <i>Holothuria scabra</i> Juveniles In Bottom-set Trays
Altamirano	Jon	Substrate Preference of Sandfish <i>Holothuria scabra</i> juveniles: Implications for Grow-out and Sea Ranching
Gorospe	Jay R	Adaptive And Integrated Culture Production Systems For <i>Holothuria scabra</i>
Altamirano	Jon	Challenges in Tiger Shrimp Stock Enhancement in the Philippines
Strain	Lachlan	Stock Recovery Initiative For A Commercial Roes Abalone Fishery Decimated By An Environmental Event.
Enhancing fisheries through artificial habitats (supported by NSW Department of Primary Industries)		
Lowry	Michael	Role of research in the development of NSW Artificial Reef Program.
Reeds	Kate	Sydney Offshore Artificial Reef "Benthos and Demersal Fish Gradient Study
Scott	Molly	The Influence Of An Offshore Artificial Reef On The Abundance Of Fish In The Surrounding Pelagic Environment
Ushima	Shinjiro	Artificial reef materials, orientation and predation on the epibenthic community
Champion	Curtis	Zooplanktivory a key process for fish production on a coastal artificial reef
Davis	Aaron	Conservation potential of anthropogenic waterbodies on a heavily modified agricultural floodplain
Lanham	Brendan	Do boat moorings alter fish community composition in an urban estuary?
Folpp	Heath	A best practice guide to development and evaluation of designed reef programs. Lessons learnt from a NSW perspective.
Booth	David	UTS Decommissioning Ecology group: filling science gaps in evaluating oil and gas infrastructure options
Booth	David	Righting the wrong: fish habitat enhancement of Harbour pontoons
Paik	Ryan	Multi-purpose Marine Farm
Smith	James	Estimating fish production on an artificial reef using Ecopath with Ecosim
Suthers	Iain	Considerations of Tidal Flow for Enhancing Coastal and Estuarine Fisheries
Lewis	Paul	Southwest Habitat Enhancement Structure Trial: A work in progress.

ISSESr Posters		
Tomiyama	Takeshi	Optimum Stocking Density of Japanese Flounder in Fukushima, Japan
Lin	Qun	Assessment Of Energy Flow And Carrying Capacity Of Swimming Crab Enhancement In The Yellow River Estuary By Ecopath Model
Katamachi	Daisuke	Identification of Offspring of Hatchery-produced Tiger Puffer in the Wild
Partridge	Gavin	Development of Culture Methods for the Production of Western School Prawns (<i>Metapenaeus dami</i>) for Release into the Swan and Canning Rivers to Enhance the Community Values of the Recreational Prawn Fishery
Loneragan	Neil	Assessing The Sediment Preference Of A Penaeid Prawn To Inform Release Strategies
Altamirano	Jon	Restocking of giant clams to increase protection of MPAs
Williams	Joel	Performance and Contribution to Commercial Catches and Egg Production by Restocked <i>Acanthopagrus butcheri</i> in the Blackwood River Estuary
Ando	Daiki	Development of the system for sibship reconstruction to evaluate genetic effects of stock enhancement program of Japanese flounder
Dumalan	Rafael Junnar	Sand And Predator Conditioning Of Hatchery-reared <i>Holothuria scabra</i> (Jaeger, 1935) Juveniles