

CONFERENCE PROGRAM*

(*please note that this program is subject to change)

Sponsored by NSW Department of Primary Industries

Wednesday 17 September 2008

0800 Registration *Bellevue Terrace Lobby*

Room: Pavilion Ballroom

Chair: Charles Gray

0830 Conference Welcome, **Charles Gray** and **Patrick Coutin**

0840 K Allen Presentation, **Patrick Coutin**; K Allen eulogy **Kevin Rowling**

0855 *The metamorphosis of larval-fish biology in Australia: from who to where to what*, **Jeff Leis**, K Radway Allen Medal recipient

0940 *A generalized trophic approach to stocking density and predatory impact estimation for stocking in open systems*, **Matt Taylor**, Student Travel Award recipient

1025 Morning Tea in Trade & Poster Area *Bellevue Terrace*

	Recreational Fisheries <i>Room: Pavilion Ballroom A</i> Chair: Doug Ferrell Sponsored by NSW Recreational Fishing Trusts	Early Life History & Oceanography <i>Room: Promenade Room 1</i> Chair: Jeff Leis Sponsored by Department of Fisheries Government of Western Australia	Freshwater Fish – Macquarie Perch <i>Room: Pavilion Ballroom B</i> Chair: Karina Hall Sponsored by Murray-Darling Basin Commission
1055	<i>Thirty years down the line: changes in the recreational fishery in the Blackwood estuary, south-western Australia</i> Lynnath Beckley	<i>Unique replicates or like chalk 'n cheese? The Leeuwin versus the east Australian current</i> Iain Suthers	<i>Evolution and maintenance of divergent lineages in an endangered freshwater fish, Macquaria australasica</i> Leanne Faulks
1115	<i>Where have all the fishers gone?: declining participation trends in recreational fishing in Queensland</i> Kara Dew	<i>The Horizontal and vertical distribution of fish eggs and larvae in Western Port and on the adjacent Bass Strait coast, September 2007 to June 2008</i> Silvana Acevedo	<i>Distribution of the threatened Macquarie perch (Macquaria australasica) within the Hawkesbury-Nepean catchment, NSW</i> Andrew Bruce
1135	<i>NSW gamefish tournament monitoring - past, present and future</i> Danielle Ghosn (nee Williams)	<i>Is the abundance of amphidromous fish determined by juvenile production?</i> Gerry Closs	<i>Predicting movement to Macquarie perch</i> Sonia Hugh
1155	<i>The WA recreational logbook program – evaluation of progress after three years</i> Kim Smith	<i>Pulsed environmental events and temporal variability in otolith chemistry</i> Benjamin Walther	<i>The loss of emergent macrophytes: a housing crisis for Macquarie perch?</i> Katie Ryan
1215	<i>A boom and bust recreational scallop fishery</i> Sean Tracey	<i>Do spawning patterns affect recruitment of snapper (Pagrus auratus) in northern Spencer Gulf</i> Richard Saunders	<i>A research program for Macquarie perch in response to the construction of a new dam</i> Mark Lintermans

1235 Lunch in Trade & Poster Area *Bellevue Terrace*

	Recreational Fisheries <i>Room: Pavilion Ballroom A</i> Chair: Kim Smith Sponsored by NSW Recreational Fishing Trusts	Fish Biology <i>Room: Promenade Room 1</i> Chair: Will Robbins Sponsored by Department of Fisheries Government of Western Australia	Freshwater Fish – Movements <i>Room: Pavilion Ballroom B</i> Chair: Charles Todd Sponsored by Murray-Darling Basin Commission
1330	<i>The Western Australian cCharter boat industry: Working towards long-term sustainability</i> Carli Johnson	<i>Comparative biology of four species of Emperor (Family Lethrinidae) on the Great Barrier Reef</i> Leanne Currey	<i>Insights into the swimming capacity of Murray cod</i> Nick Whiterod
1350	<i>Recreational fishers' attitudes towards the 2004 rezoning of the Great Barrier Reef Marine Park</i> Stephen Sutton	<i>Lek-like behaviour of a Parrotfish, <i>Chlorurus Sordidus</i> (Scaridae), on a resident spawning aggregation site at Guam, Mariana Islands</i> Kathryn Chop	<i>Movements of the endangered trout cod</i> John Koehn
1410	<i>Ongoing research and management for the long term sustainability of the west coast demersal scalefish recreational fishery, Western Australia</i> Brent Wise	<i>The relative contribution of environmental and maternal factors in phenotypic variation in fish populations</i> Bridget Green	<i>Seasonal movement of New Zealand koi carp (<i>Cyprinus carpio</i>)</i> Adam Daniel

1430 Afternoon Tea in Trade & Poster Area *Bellevue Terrace*

	Fisheries Management <i>Room: Pavilion Ballroom A</i> Chair: Jeremy Lyle Sponsored by NSW Recreational Fishing Trusts	Reproduction & Growth <i>Room: Promenade Room 1</i> Chair: John Stewart Sponsored by Department of Fisheries Government of Western Australia	Fish Movements/Otolith Microchemistry <i>Room: Pavilion Ballroom B</i> Chair: Bronwyn Gillanders Sponsored by Murray-Darling Basin Commission
1500	<i>Management for sustainable fisheries - strengthening regional and national capacity in the Pacific</i> Gordon Anderson	<i>Studies of 'gills, guts and gonads.' Is classical fisheries biology no longer important or more crucial than ever?</i> Alex Hesp	<i>High connectivity of coastal fish farms through wild fish migrations may limit coastal aquaculture</i> Tim Dempster
1520	<i>A Rolls Royce for the poor? Introducing a quota management system to a small-scale reef fishery</i> Philippe Ziegler	<i>Inter-annual and spatial variations in the spawning patterns of sardine, <i>Sardinops sagax</i>, off southern Australia</i> Tim Ward	<i>The potential use of otolith shape and microchemistry to distinguish Cod species (Genus <i>Pseudophycis</i>) in the diet of Australian fur seals</i> Jodie Kemp
1540	<i>A bio-economic management strategy evaluation of a multi-species, multiple-fleet fishery</i> Matthew Ives	<i>Reproductive biology of the Goolwa cockle <i>Donax deltoides</i> in the Coorong region, South Australia</i> Coby Mathews	<i>Recruitment and migration pattern in New Zealand trout populations – an analysis using otolith microchemistry</i> Tobias Bickel
1600	<i>Management strategy evaluation for ecosystem-based fishery management using a "minimum realistic model"</i> Norman Hall	<i>Reproduction and growth of dusky flathead (<i>Platycephalus fuscus</i>) in NSW estuaries</i> Lachlan Barnes	<i>Age-related movement patterns and population structuring in southern sea garfish (<i>Hyporhamphus melanochir</i>) inferred from otolith chemistry</i> Mike Steer
1620	<i>Assessing and improving spatial harvest strategies to facilitate stock recovery in the Gulf St Vincent Prawn Fishery</i> Shane Roberts	<i>Spatial variation in growth and condition of Victorian black bream, <i>Acanthopagrus butcheri</i></i> Kathryn Hassell	<i>Evidence for fine-scale population structure in the eastern Australian salmon (<i>Arripis trutta</i>) stock provided by otolith chemistry</i> Julian Hughes

1640 - 1800 ASFB AGM & drinks (plenary session) *Pavilion Ballroom*

1800 - 1930 Poster Session & drinks in Trade & Poster Area *Bellevue Terrace*

Thursday 18 September 2008

0800 Registration *Bellevue Terrace Lobby*

	Recreational Fisheries <i>Room: Pavilion Ballroom A</i> Chair: Lynnath Beckley Sponsored by NSW Recreational Fishing Trusts	Ageing & Growth <i>Room: Promenade Room 1</i> Chair: Anthony Fowler Sponsored by Department of Fisheries Government of Western Australia	Freshwater Fish <i>Room: Pavilion Ballroom B</i> Chair: Mark Lintermans Sponsored by Murray-Darling Basin Commission
0830	<i>Developments in using aerial fishing effort surveys to scale up observed harvests</i> Bruce Hartill	<i>Telomere Length: a potentially non-lethal fish ageing tool?</i> Christopher Izzo	<i>Sustainable Rivers Audit: a river health check for the Murray-Darling Basin</i> Michael Wilson
0850	<i>Trends in Queensland's recreational fishing catch, harvest and release</i> Stephen Taylor	<i>Density-dependent growth; evidence, complexities and management implications</i> Athol Whitten	<i>When good wetlands turn bad - the plight of the Murray hardyhead</i> Iain Ellis
0910	<i>Gone fishing? - Using recreational fish catch data to assess trends in fish stocks in Queensland</i> Jan-Olaf Meynecke	<i>Growth of the Eastern school prawn <i>metapenaeus macleayi</i> in New South Wales waters</i> Steve Montgomery	<i>Distribution and habitat preferences of freshwater catfish <i>Tandanus tandanus</i> within Washpen Creek</i> Rohan Rehwinkel
0930	<i>Do club-based anglers have a disproportionately large influence on estimates of total fishing catch and effort estimates in a recreational fishery?</i> Jeff Murphy	<i>Systems and methodologies for accurate fish ageing at NSW DPI</i> William Robbins	<i>Investigating the distribution and abundance of fish assemblages in the Moonie River, Upper Murray-Darling Basin, using <i>Macquaria Ambigua</i> as an indicator species</i> David Sternberg
0950	<i>Monitoring recreational catch in remote Queensland – a change in tactics</i> Brenda Foley	<i>Evidence for age-class truncation in exploited populations of coastal fish in New South Wales</i> John Stewart	<i>Rediscovery of the southern purple-spotted gudgeon from the lower River Murray</i> Michael Hammer

1010 Morning Tea in Trade & Poster Area *Bellevue Terrace*

	Survival, Restocking, Enhancement & Habitat <i>Room: Pavilion Ballroom A</i> Chair: Andrew Sanger Sponsored by NSW Recreational Fishing Trusts	Fisheries Management & Biology <i>Room: Promenade Room 1</i> Chair: James Scandol Sponsored by Department of Fisheries Government of Western Australia	Freshwater Fish <i>Room: Pavilion Ballroom B</i> Chair: Matt Barwick Sponsored by Murray-Darling Basin Commission
1040	<i>Distinguishing hatchery from wild produced fish based on elemental chemistry of otoliths</i> Bronwyn Gillanders	<i>Using a suite of fishery-dependant sampling strategies to collect representative biological data for multiple species in the recreational fishery</i> Gemma Reid	<i>Murray cod management model</i> Charles Todd
1100	<i>Stocking success and management of a recreational fishery, Glenbawn Dam, NSW, Australia</i> Leo Cameron	<i>Towards better collection of socio-economic data for Queensland inshore fishery stakeholders</i> Renae Tobin	<i>Comparing two methods of fish euthanasia to inform an animal ethics committee</i> Stephen Balcombe
1120	<i>Post-release mortality, gonad development and condition of angled Australian bass, <i>Macquaria novemaculeata</i></i> Karina Hall	<i>Identifying shark fins in New South Wales: cost effective methods for fisheries management and enforcement</i> Justin Gilligan	<i>Sampling and maintaining genetic diversity in fish rescues: what is the minimum number of fish needed?</i> Andy Moore
1140	<i>The conceptual basis for constructing homes for adult Macquarie perch in Cotter Reservoir</i> Brendan Ebner	<i>Monitoring Queensland's mud crabs</i> Catherine McCormack	<i>Fish length frequency patterns in the rivers of far western Queensland</i> Adam Kerezszy
1200	<i>Estuarine artificial reefs for recreational fisheries enhancement revisited: Lake Macquarie, NSW Australia – a case study</i> Heath Folpp	<i>Using hook/bait size and angling technique manipulations to influence the catch, hooking location and initial post-release survival of recreationally caught black bream (<i>Acanthopagrus butcheri</i>)</i> Daniel Grixti	<i>Exotic and translocated native fishes in Northern Australia: current status and future trends</i> Damien Burrows

1220 Lunch in Trade & Poster Area *Bellevue Terrace*

	Survival, Restocking, Enhancement & Habitat <i>Room: Pavilion Ballroom A</i> Chair: Tim Dempster Sponsored by NSW Recreational Fishing Trusts	Fisheries Management & Biology <i>Room: Promenade Room 1</i> Chair: Tim Ward Sponsored by Department of Fisheries Government of Western Australia	Freshwater Fish <i>Room: Pavilion Ballroom B</i> Chair: Andy Moore Sponsored by Murray-Darling Basin Commission
1320	<i>Reducing the post-release mortality of angled snapper (Pagrus auratus)</i> Shane McGrath	<i>Spatial differences in size of maturity and relative reproductive potential of southern rock lobster (Jasus edwardsii) in South Australia: implications for management</i> Adrian Linnane	<i>Survivorship of invasive, non-native freshwater fish species in relation to habitat disturbance in tropical northern Queensland</i> Alan Webb
1340	<i>NSW DPI's fish aggregating devices- from pilot study to permanent program</i> Marcus Gregson	<i>The life histories and behaviour of Notolabrus gymnogenis and Ophthalmolepis lineolatus (Teleostei: Labridae): implications for their management</i> Jason Morton	<i>Fish projects in the Fitzroy River, Kimberley, Western Australia – research by the Centre for Fish & Fisheries Research</i> David Morgan
1400	<i>The influence of Epibiota on the structure of temperate fish assemblages attracted to small experimental reefs in Swansea Channel, NSW, Australia</i> Chris Roberts	<i>Understanding the biology of the Long-finned Gurnard: a step in developing ecosystem based fisheries management for the NSW ocean prawn trawl fishery</i> Dylan Van Der Meulen	<i>The contribution of terrestrially derived prey to the dry season diet of Terapontid Grunters in Northern Australia's wet-dry tropics</i> Aaron Davis
1420	<i>Importance of location and habitat structure in determining nearshore faunal assemblages within Botany Bay, Australia</i> Judy Upston	<i>Recreational fishing regulations for Murray crayfish, are changes required to ensure the sustainability of this icon species?</i> Sylvia Zukowski	<i>Determining ideal sample size for diet analysis of two freshwater fish</i> Rob Rolls
1440	<i>Density dependent habitat selection in an Estuarine Finfish: consequences for stock enhancement</i> Andrew Fairfax	<i>Estuary perch: learning more about this southern enigmatic sports fish</i> Chris Walsh	<i>Little fish under threat in a big state: South-Western Western Australia's endemic freshwater fishes</i> Stephen Beatty

1500 Afternoon Tea in Trade & Poster Area *Bellevue Terrace*

	Survival, Restocking, Enhancement & Habitat <i>Room: Pavilion Ballroom A</i> Chair: Matt Taylor Sponsored by NSW Recreational Fishing Trusts	Fisheries Management & Biology <i>Room: Promenade Room 1</i> Chair: Kevin Rowling Sponsored by Department of Fisheries Government of Western Australia	Freshwater & Estuarine Flows <i>Room: Pavilion Ballroom B</i> Chair: Will Macbeth Sponsored by Murray-Darling Basin Commission
1530	<i>Habitat complexity affects habitat preference and predation mortality in postlarval eastern king prawns: Implications for stock enhancement</i> Faith Ochwada	<i>A new approach for managing the data, information and knowledge associated with the resource assessment of multi-species fisheries</i> James Scandol	<i>Freshwater fish and environmental flows in the Macquarie Marshes</i> Thomas Rayner
1550	<i>Edge effects in patchy seagrass habitats: using video to sample mobile species</i> Timothy Smith	<i>Stock assessment of the Australian East Coast spanish mackerel fishery</i> Alexander Campbell	<i>Environmental flow releases – effects on the lower Gwydir fish community</i> Tobias Bickel
1610	<i>Fish Responses to seagrass habitat fragmentation</i> Peter Macreadie	<i>A preliminary consideration of bycatch issues in South Australia's most complex fishery</i> Anthony Fowler	<i>The influence of wet season freshwater flow on the movement of barramundi (Lates calcarifer) caught in a dry tropical estuary</i> Sandra O'Sullivan
1630	<i>Succession of macroalgal communities on estuarine artificial reefs</i> Rob McKenzie	<i>An ecosystem study of the eastern tuna and billfish fishery</i> Jock Young	<i>The influence of freshwater flow on salt-wedge dynamics and fisheries productivity in the Gippsland Lakes</i> Joel Williams
1650	<i>Implications of barotraumas on the release of black jewfish (Protonibea diacanthus)</i> Mark Grubert	<i>Ecological effects of longlining and climate change on the pelagic ecosystem off eastern Australia</i> Shane Griffiths	<i>Impacts of freshwater flow on catch rates of estuarine fisheries resources in NSW</i> Jonathan Gillson

1710 Conference close *Pavilion Ballroom*

1815 Pre-Dinner drinks and Award Presentations *Rooftop Deck*

1900 Conference Dinner *Rooftop Deck*