### Australian Society for Fish Biology Annual Conference & Workshop 2008: Assessing Recreational Fisheries – Current and Future Challenges

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Australian Society for Fish Biology Annual Conference & Workshop 2008: Assessing Recreational Fisheries; Current and Future Challenges

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### ACKNOWLEDGEMENTS

The NSW DPI provided considerable support to organise and host the 2008 ASFB Conference and workshop. NSW DPI and FRDC were the Principal Sponsors of the Conference and Workshop respectively. Major sponsors included WA Fisheries, NSW Recreational Fishing Trust Funds and the Murray Darling Basin Commission.

Members of the ASFB Executive, in particular Patrick Coutin and Gary Jackson, provided advice and assistance with organising the event.

Numerous staff from the Wild Fisheries Program at the Cronulla Fisheries Research Centre provided help during the event. Matt Ives provided great assistance with managing the ASFB web site leading up to the event.

The success of the event was greatly enhanced by the team from OzAccom, in particular the efforts of Michelle Madden and Rochelle Manderson were considerable as they ensured all things happened and progressed to completion.

The staff at the Swiss Grand Resort & Spa Bondi Beach provided assistance in organising and running the event.

All delegates are thanked for their enthusiastic contributions throughout the 3 days and nights which ultimately made the conference the success it was.

### NON-TECHNICAL SUMMARY

2008/301 Australian Society for Fish Biology Annual Conference & Workshop 2008: Assessing Recreational Fisheries – Current and Future Challenges

**PRINCIPAL INVESTIGATOR:** Charles Gray

ADDRESS: Industry & Investment NSW

Cronulla Fisheries Research Centre of Excellence PO Box 21 Cronulla NSW 2230 Australia

### **OBJECTIVES:**

The overall objective of the 2008 ASFB Conference & Workshop was to provide a venue and forum for scientists, managers, representatives of industry and the broader community to present and discuss issues concerning fish biology and fisheries.

The specific objectives of the 2008 workshop were to:

Provide an overview of current policy direction, management strategies and research programmes for each jurisdiction (state, territory, federal, New Zealand, USA).

Understand and develop the partnership between recreational fisheries management and research.

Discuss existing and novel approaches for assessing recreational fisheries.

Provide a forum for stakeholders to present their vision on what sustainable recreational fisheries should look like in 20 years.

### **SUMMARY:**

The 2008 ASFB Conference & Workshop was held at the Swiss Grand Resort & Spa Bondi Beach between the  $15^{th}$  and  $18^{th}$  of September 2008. A total of 194 delegates attended the event.

The workshop theme was: "Assessing Recreational Fisheries – Current and Future Challenges". The workshop featured 4 sessions:

Session 1 – Overview of Recreational Fisheries Management and Research

Session 2 – Aquatic Resource Management and Recreational Fisheries

Session 3 – Methods to Assess Recreational Fisheries

Session 4 – What Should Sustainable Recreational Fisheries Look Like in Twenty Years Time?

Experts representing research, management, the recreational fishing industry and other stakeholder groups were invited from each jurisdiction in Australia (all states, territories and the federal government) as well as colleagues (managers and researchers) from New Zealand and the USA. A total of 26 presentations were given during the workshop.

The conference included 99 oral presentations and 14 poster presentations. Presentations were grouped into themes that included recreational fisheries, freshwater fish, early life history & oceanography, fish movements & otolith microchemistry, survival, restocking, enhancement & habitat, fish biology and fisheries management.

The 2008 ASFB Conference & Workshop was considered a success with respondents to surveys reporting the workshop was of significant relevance to their area of expertise/interest and that they gained considerable new information and insights concerning recreational fisheries research and management. Most respondents reported they would follow up novel approaches presented and developed in the workshop.

The proceedings of the 2008 ASFB workshop and conference were published within 9 months of the event. The citation details are:

Scandol, JP, Gray, CA, Steffe AS and Ferrell DJ (Eds) 2009. Assessing Recreational Fisheries – Current and Future Challenges. Australian Society for Fish Biology Workshop and Conference Proceedings, Sydney, NSW, September 2008, Australian Society for Fish Biology. ISBN 978-0-9804011-4-1 (paperback), ISBN 978-0-9804011-5-8 (online).

### **OUTCOMES ACHIEVED:**

The workshop provided managers, scientists, representatives from industry and other non-government organisations a forum to exchange ideas, review national and international studies and practices concerning all aspects of recreational fisheries research and management. This has resulted in a greater appreciation of current issues and will lead to greater collaboration and partnerships and ultimately greater management outcomes for recreational fishing in Australia.

**KEYWORDS:** Australian Society for Fish Biology, Recreational Fisheries, Science, Management.

### 1. ASFB 2008 WORKSHOP: ASSESSING RECREATIONAL FISHERIES – CURRENT AND FUTURE CHALLENGES

### 1.1. Introduction

The Australian Society for Fish Biology (ASFB) has taken a lead role in encouraging national and international scientific links in fisheries research and management in Australia. Through the support of the Fisheries Research and Development Corporation (FRDC), State and Territory fishery agencies and other sponsors, ASFB has hosted a national workshop series since 1985 with pertinent Australian and overseas scientists presenting keynote addresses on the major themes. The purpose of these workshops is to:

- 1. Provide a forum for fisheries scientists, managers and industry representatives to focus on a technical area of current national significance;
- 2. Facilitate the attendance of fisheries scientists, managers and industry representatives of acknowledged expertise in the workshop subject area to provide national and international perspectives;
- 3. Assist in the publication of workshop proceedings as a benchmark document of current knowledge in the workshop subject area.

The NSW Department of Primary Industries (NSW DPI) hosted the 2008 ASFB Annual Conference and Workshop. The workshop theme was: "Assessing Recreational Fisheries: Current and Future Challenges". Fisheries agencies throughout Australia are at a challenging and critical time being faced with developing and delivering robust and cost-effective assessments of recreational fisheries. It was therefore timely that experts, managers and industry representatives in this field got together to critique and develop a way forward in this field of research and subsequent management. The workshop was the initial venue for such development.

It is widely acknowledged that there is a growing need not only to assess recreational fisheries throughout Australia, but to do them cost-effectively and in a way that produces deliverables that management and industry can use. The National Recreational and Indigenous Fishing Survey was done 2000-2001. Since this survey, many fisheries agencies have been grappling with how to do robust, cost-effective surveys within their jurisdiction. There is a strong need for greater collaboration among scientists, managers and industry from the different jurisdictions, to review and critique existing and new novel methodologies so that future surveys be done better.

The planned outcome was to help develop the people who will ultimately help the fishing industry meet its future needs. The workshop provided the opportunity for Australian scientists and students, fisheries managers, industry and anglers, to interact and discuss issues concerning recreational fisheries with leaders in the field. Development of Australian expertise will be achieved by the uptake of greater linkages and cooperation and new research methods and technology in fisheries science. The information and better understanding of assessing recreational fisheries have direct fisheries management implications for recreational, commercial and indigenous fisheries in terms of resource assessment and allocation.

### 1.2. Objectives

The specific objectives of the 2008 ASFB Workshop were to:

- 1. Provide an overview of current policy direction, management strategies and research programmes for each jurisdiction (state, territory, federal, New Zealand, USA).
- 2. Understand and develop the partnership between recreational fisheries management and research.
- 3. Discuss existing and novel approaches for assessing recreational fisheries.
- 4. Provide a forum for stakeholders to present their vision on what sustainable recreational fisheries should look like in 20 years.

### 1.3. Conference & Workshop Organisation

The organising committee of the 2008 ASFB Conference & Workshop comprised:

- Dr Charles Gray (Chair),
- Dr James Scandol,
- Dr Aldo Steffe.
- Dr Doug Ferrell.

The workshop program was specifically developed and organised by Dr's Scandol and Steffe. The conference program was specifically developed and organised by Dr's Gray and Ferrell.

The OzAccom Group, a private conference management company, was contracted to manage the event. Monthly meetings were held between the organising committee, OzAccom staff and the ASFB Executive from September 2007 to the event. The event was advertised on the ASFB website and a conference flyer and logo (Appendix 1) was produced and distributed widely.

### 1.4. Sponsorship

A prospectus of sponsorship was developed (Appendix 2). Sponsors of the 2008 ASFB Conference & Workshop were:

- Principal Sponsor of the Conference: NSW Department of Primary Industries (\$22000).
- Principal Sponsor of the Workshop: Fisheries Research & Development Corporation (\$22000).
- Major sponsors: Western Australia Fisheries, NSW Recreational Fishing Trusts, Murray Darling Basin Commission (each \$6600).
- Website Sponsor: Tasmanian Aquaculture & Fisheries Institute (\$1100).
- The Victorian Museum also provided \$500 as part of a book launch during the event.

### 1.5. Conference & Workshop Program

The workshop was held on Tuesday 16 September 2008 and comprised 4 sessions. Expert speakers/panellists representing research, management and industry for each session were invited from each jurisdiction in Australia (all states, territories and the federal government) as well as colleagues (managers and researchers) from New Zealand and the USA. Representatives from the recreational sector and stakeholder groups, including Recfish Australia, NSW Ecofishers, Game Fishing Association of Australia, Fishing Tackle Association, recreational fishing media, Nature

Conservation Council and the National Parks Association were invited to participate in sessions. A total of 26 presentations were given during the workshop.

The conference was held over 2 days (Wednesday 17 and Thursday 18 September 2008) immediately following the workshop. A plenary session was held on the Wednesday morning, after which three concurrent session were held each day. A total of 99 oral presentations and 14 poster presentations were given at the conference. The keynote speakers were Dr Jeff Leis and Dr Matt Taylor, recipients of the K Radway Allen Medal and the Student Travel Award respectively. Dr Kevin Rowling provided an overview of the career of K Radway Allen.

### 1.5.1. Overview of Workshop Program

Australian Society for Fish Biology Workshop 2008: Assessing Recreational Fisheries – Current and Future Challenges

When: Tuesday, 16 September 2008

Where: Swiss Grand, Bondi, Sydney

### Aims of workshop

Provide an overview of current policy direction, management strategies and research programmes for each jurisdiction (state, territory, federal, New Zealand, USA).

Understand and develop the partnership between recreational fisheries management and research.

Discuss existing and novel approaches for assessing recreational fisheries.

Provide a forum for stakeholders to present their vision on what sustainable recreational fisheries should look like in 20 years.

### Who would benefit from attending the workshop?

- Anyone with an interest in the sustainable development of recreational fisheries in Australia.
- Fisheries managers be involved in a discussion of various management strategies and their strengths and weaknesses.
- Researchers be involved in a discussion of the relative merits of the assessment methods that are vital for determining the status of recreational fisheries and plan for future research needs
- Stakeholder/industry groups articulate your views on research provided for issues within recreational fishing, consider the views of other stakeholders and discuss management and research options for the future.

### Brief description of workshop sessions

The workshop sessions will follow the workshop aims and will involve four sessions.

Session 1 – Overview of Recreational Fisheries Management and Research Convenor Bob Kearney

- Get an overview of current and future trends in recreational fisheries policy, management and research in Australia, New Zealand and the USA.
- Overviews from Recfish Australia and the Fisheries Research and Development Corporation will also be presented.

Session 2 – Aquatic Resource Management and Recreational Fisheries Convenor James Scandol

- Better understand the partnership between aquatic resource management and research for sustainable recreational fisheries.
- Examine the strengths and weaknesses of present and future strategies.
- Identify the research required to create better outcomes for stakeholders.
- Consider the issues associated with managing recreational fisheries in data-poor situations.

Session 3 – Methods to Assess Recreational Fisheries Convenor Aldo Steffe

- Discuss the relative merits and applications of off-site methods (e.g., telephone, diary) and on-site methods (e.g., access point, roving).
- Examination of novel methods and new technologies in recreational research.
- Discussion of angler licence frames how can they be used to improve survey designs and reduce sampling costs.
- What are the insights from New Zealand and the USA that we should be giving more attention to in Australia?

Session 4 – What Should Sustainable Recreational Fisheries Look Like in Twenty Years Time? Convenor Richard Stevens

- Listen to representatives from a range of non-government organisations (with a stake in recreational fishing and the aquatic environment) present their vision of recreational fisheries in twenty years time.
- Participate in a discussion on what we need to do to get there.

### 1.5.2. Overview of Conference Program

The full conference program is provided in Appendix 4.

Three keynote addresses were provided in the plenary session:

- Dr Kevin Rowling "K. (Kenneth) Radway Allen: A lifetime in fisheries science".
- K Allen Presentation: Dr Jeff Leis "The metamorphosis of larval fish biology in Australia: from who to where to what".
- Student Travel Award: Dr Matt Taylor "A generalized trophic approach to stocking density and predatory impact estimation for stocking in open systems".

The conference included 22 sessions with the themes:

Recreational Fisheries,

Early Life History & Oceanography,

Freshwater Fish,

Freshwater Fish – Macquarie Perch,

Freshwater Fish – Movements.

Fish Biology,

Ageing & Growth,

Reproduction & Growth,

Fisheries Management & Biology,

Fish Movements/Otolith Microchemistry

Survival, Restocking, Enhancement & Habitat,

Freshwater & Estuarine Flows.

### 1.6. Conference & Workshop Attendance

The conference and workshop attracted a total of 194 delegates. This included 37 full-time students. The breakdown of delegates for the conference and workshop was:

### **Paying Delegates**

- 65 Member Full Registration
- 6 Member Day Registration Workshop
- 1 Member Day Registration Conference
- 32 Member Conference Only Registration
- Non-Member Full Registration
- 2 Non-Member Day Registration Workshop
- 1 Non-Member Day Registration Conference
- 7 Non-Member Conference Only Registration
- 13 Student Full Registration
- 24 Student Conference

### No Charge / Complimentary

- Workshop Speaker
- 2 Conference Speaker
- 12 Sponsor
- 5 Volunteer

### **TOTAL – 194 Delegates**

### 1.7. Conference & Workshop Evaluation

Separate evaluations of the workshop and conference were done and the results are presented in Appendix 5 and Appendix 6. A total of 81 evaluation responses were received from the workshop and 47 from the conference. Overall, positive responses were mostly received with most respondents conveying the 2008 ASFB Conference and Workshop a great success. Notably, most respondents answered that the workshop was of significant relevance to their area of expertise/interest and that they gained considerable new information and insights concerning recreational fisheries research and management. Most respondents reported they would follow up approaches presented and developed in the workshop and that they would use such information in developing future projects.

### 1.8. Conference & Workshop Proceedings

The proceedings of the 2008 Conference and Workshop have been published are provided on the enclosed CD-Rom. These have been placed on the ASFB website and emailed to all members. A limited number of hard copies were produced for distribution to participants. Details of the publication are:

Scandol, JP, Gray, CA, Steffe AS and Ferrell DJ (Eds) 2009. Assessing Recreational Fisheries – Current and Future Challenges. Australian Society for Fish Biology Workshop and Conference Proceedings, Sydney, NSW, September 2008, Australian Society for Fish Biology. ISBN 978-0-9804011-4-1 (paperback), ISBN 978-0-9804011-5-8 (online).

### 1.9. Benefits

The workshop provided managers, scientists, representatives from industry and other non-government organisations a forum to exchange ideas, review national and international studies and practices concerning all aspects of recreational fisheries research and management. This has resulted in a greater appreciation of current issues and will lead to greater collaboration and partnerships and ultimately greater management outcomes for recreational fishing in Australia.

### 1.10. Further Developments

There are no further developments to this project. The ASFB executive was debriefed and recommendations were made concerning the experiences and lessons learned in organising and running the 2008 ASFB Conference & Workshop.

### 1.11. Planned Outcomes

The workshop provided delegates with a broad overview of the current state of play concerning recreational fisheries research and management in Australia and experiences from New Zealand and the United States. Current approaches to assessing recreational fisheries were reviewed and novel techniques introduced. Delegates were provided with novel ways forward for assessing recreational fisheries. Much of this has been taken up in new projects throughout the country.

### 1.12. Summary

The 2008 ASFB Conference and Workshop was deemed a success. It involved 194 delegates representing management, research, industry and other interest groups. Whilst the workshop focused specifically on recreational fisheries assessment and management issues, the conference provided a plethora of presentations spanning the diverse umbrella of fish biology and fisheries. The conference and workshop provided an avenue for current practices to be reviewed, new ideas to be developed and partnerships to be built, all which will help the Australian fishing industry meet its future needs.

### APPENDIX 1: WORKSHOP & CONFERENCE FLYER



### **APPENDIX 2: SPONSORSHIP PROSPECTUS**



### SPONSORSHIP & EXHIBITION PROPOSAL

Australian Society for Fish Biology Workshop & Conference 2008

Swiss Grand Resort & Spa Bondi Beach Sydney, Australia

15 - 18 September 2008

15 - 18 September 2008

### **PAYMENT and CONDITIONS**

All prices listed are in Australian Dollars. All payments must be made in Australian dollars. Bank cheques, direct transfers and credit card payments will be accepted. All amounts include Australian federal Goods and Services Tax (GST) of 10%.

### **Sponsor Agreements**

Once your preferred sponsorship package has been negotiated, the Conference Managers will prepare a Sponsor Agreement for your signature.

### Sponsorship Cancellation Policy

Sponsorship cancellations must be made in writing. Please note that the detailed cancellation policy will be outlined in the Terms & Conditions included with the Sponsor Agreement.

### DISCLAIMER

The entitlements listed in this document are offered on the basis that confirmation of a sponsor's involvement is received prior to the deadline specified by the Conference Manager (e.g. production of promotional material).

The Conference Management reserves the right to amend these packages subject to change in the program format.

### RESPONSIBILITIES OF SPONSORS

It is the responsibility of sponsors to provide the materials listed in the sponsor package, once the commitment has been made.

Those companies which get the most out of their sponsorships are those who actively promote their presence at the convention and provide photographs, text and any other materials in a timely manner to the organisers.

### CONTACT DETAILS

Australian Society for Fish Biology Workshop & Conference 2008 CI- OzAccom Conference Services PO Box 104 RBH Post Office Brisbane Qld 4029

asfb2008@ozaccom.com.au www.asfb.org.au

Phone 07 3854 1611 Fax 07 3854 1507

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### **CONFERENCE & WORKSHOP OVERVIEW**

The Australian Society for Fish Biology Annual Workshop & Conference provides an opportunity for scientists, managers and industry to come together and discuss the most recent developments in fish and fisheries science. The Workshop specifically enables a topic of national significance to be discussed in an open forum, led by internationally acclaimed experts.

The 2008 Workshop theme is Assessing Recreational Fisheries – Current and Future Challenges. The aim is to:

- Provide an overview of current policy direction, management strategies and research programmes for each jurisdiction (state, territory, federal, New Zealand, USA).
- 2. Understand and develop the partnership between recreational fisheries management and research.
- 3. Discuss existing and novel approaches for assessing recreational fisheries.
- Provide a forum for stakeholders to present their vision on what sustainable recreational fisheries should look like in 20 years.

The Australian Society for Fish Biology Workshop & Conference 2008 will be held 15 - 18 September 2008 at the Swiss Grand Resort & Spa Bondi Beach, Sydney, Australia.

Over 200 people, representing each of the major research and management agencies from across Australia and New Zealand, along with other international delegates and industry representatives, are expected to attend the event. The conference and workshop present a unique opportunity for any organisation or agency wishing to bring its products or services to the attention of these groups. We invite you to contact us about sponsorship opportunities to gain promotional exposure at the event and its social functions.

### **ABOUT ASFB**

The Australian Society for Fish Biology was founded in 1971. The objectives of the Society are to promote research, education and management of fish and fisheries in Australia and to provide a forum for the exchange of information.

### SPONSORSHIP - A VALUABLE OPPORTUNITY

A variety of sponsorship opportunities will be available at the 2008 Conference. The Committee is happy to negotiate a package that will be of maximum benefit to your organisation or company and ASFB. We are also happy to discuss any new proposals you may wish to put forward.

Your participation as a sponsor and/or exhibitor will ensure your access to the people with the buying power – the delegates to this national conference, affiliated organisations and, of course, their clients. Acknowledgment of the sponsors and exhibitors will be included on Conference material, on the website and displayed at the Conference.

If you wish to discuss a package more suitable to your company please contact: Michelle Madden at the Conference Secretariat, OzAccom Conference Services.

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### THE VENUE

Overlooking Australia's most famous stretch of sand and surf the Swiss-Grand is a 4.5 star luxury all-suite Resort.

The city could be a million miles away, yet both downtown Sydney and the International airport are only minutes away making Swiss-Grand ideal for business.

The extensive conference facilities include rooms with stunning views of the ocean and large balcony areas.

Complete with stunning views, the Swiss-Grand Resort & Spa boasts some of the finest leisure and business services available.

### CONFERENCE ORGANISING COMMITTEE

Charles Gray, NSW Primary Industries Science & Research CHAIR

James Scandol, NSW Department of Primary Industries

Aldo Steffe, NSW Department of Primary Industries

Doug Ferrell, NSW Department of Primary Industries

### THE PROFESSIONAL CONFERENCE MANAGER

OzAccom Conference Services has been appointed as the Conference Manager of the Australian Society for Fish Biology Workshop & Conference 2008. Your organisation can feel confident that OzAccom Conference Services will work with you and your representatives to develop a comprehensive package of benefits to suit your marketing strategy and then ensure your organisation receives maximum value from every promotional element of the package. Please do not hesitate to contact the Conference Manager to discuss any aspect of your involvement.

### **OzAccom Conference Services**

Postal Address: PO Box 104

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Bowen Hills Qld 4006

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Facsimile: +61 (0)7 3854 1507
Email: asfb2008@ozaccom.com.au

Website: www.asfb.org.au

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### PRINCIPAL SPONSOR

\$22,000 (GST INCLUSIVE)

The Principal Sponsor option will provide the following benefits:

### Naming rights to one (1) of the opening sessions (workshop or conference)

Your organisation will be acknowledged exclusively as the sponsor of an opening session including:

- Acknowledgement on all promotional material where the session is mentioned including the registration brochure, website and handbook
- Acknowledged on the session slide to be screened at the commencement and conclusion of the session
- Opportunity to provide signage for the entrance to or stage of the session room during your sponsored session (size to be approved by the Conference Manager)
- Opportunity to provide collateral for distribution to delegates on entry to the session
- Acknowledgement by the Session Chair

Principal Sponsors will also receive:

### Sponsor Booth

One Exhibition Booth in a prominent location. The booth is 1 x standard booth size. As a Principal Sponsor, you will have first preference for booth location.

### **Two Complimentary Registrations**

As a Principal Sponsor, you will be entitled to two (2) complimentary registrations including access to conference sessions and functions including the Conference Dinner.

### Acknowledgement as Principal Sponsor on Promotional Material

Including but not limited to:

- Registration brochure (PDF online) your organisation's logo on the front page
- Acknowledgement in the Conference Handbook which is distributed to delegates. Your organisation's logo will be prominently featured and you can include a promotional paragraph
- Logo recognition in the Workshop proceedings

### Conference Website

 Acknowledgement on the ASFB Conference website including logo, promotional text and a hotlink to your website

### **Conference Endorsement**

Your organisation is authorised to use the following phrase on promotional material until the conclusion of the Conference.

OFFICIAL PRINCIPAL SPONSOR OF THE AUSTRALIAN SOCIETY FOR FISH BIOLOGY WORKSHOP & CONFERENCE 2008

### **Full Page Advertisement**

Your organisation can provide a full page advertisement for inclusion in the Conference Handbook. Final artwork must be provided in the format specified by the Conference Manager.

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### **PowerPoint Presentation**

Your organisation will be acknowledged as a Principal Sponsor on the PowerPoint presentation slides to be screened throughout the Conference.

### Signage

Any signage produced specifically for the conference will acknowledge the Principal Sponsors

### **Delegate Satchels**

Logo recognition on the delegate satchels (exclusive to the Principal Sponsors and Host Organisation)

### **Complimentary Satchel Inserts**

An opportunity for your organisation to place important information in the hands of all delegates. Up to two items (size to be approved by Conference Manager) can be included in delegate satchels to be distributed at registration.

### **Delegate List**

A delegate list will be provided to you following the Conference. (Subject to Privacy Laws)

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### MAJOR SPONSOR

\$6,600 (GST INCLUSIVE)

The Major Sponsor option will provide the following benefits:

Your organisation will be able to choose one of the following key entitlements (options are limited):

### Naming rights to one (1) of the workshop sessions

Your organisation will receive naming rights to a workshop session including:

- Acknowledgement on all promotional material where the session is mentioned including the registration brochure, website and handbook
- Acknowledgement by the session chair
- Acknowledgement on the slides used in the session room

OR

### Naming rights to one (1) of the concurrent conference sessions

Your organisation will receive naming rights to one of the concurrent conference session including:

- Acknowledgement on all promotional material where the session is mentioned including the registration brochure, website and handbook
- Acknowledgement by the session chair
- Acknowledgement on the slides used in the session room

OR

### Naming Rights to one (1) of the lunches

Your organisation will receive the naming rights to the Workshop or Conference Lunch including:

- Acknowledgement on all promotional material where the lunch is mentioned including the registration brochure, website and handbook
- Acknowledgement by the session chair just prior to the lunch
- The opportunity to provide signage (to be approved by the Conference Manager) to be placed near the serving area.

OR

### Naming Rights to either the workshop drinks or poster drinks

Your organisation will receive the naming rights to the Workshop or Poster drinks including:

- Acknowledgement on all promotional material where the event is mentioned including the registration brochure, website and handbook
- Acknowledgement by the session chair just prior to the drinks
- The opportunity to provide signage (to be approved by the Conference Manager) to be placed near the serving area

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### Major Sponsors will also receive:

**Two Complimentary Registrations**As a Major Sponsor, you will be entitled to two (2) complimentary registrations including access to conference sessions and functions including the Conference Dinner.

### Acknowledgement as Major Sponsor on Promotional Material

Including but not limited to:

- Registration brochure (PDF online) your organisation's logo inside
- Acknowledgement in the Conference Handbook which is distributed to delegates. Your organisation's logo will be featured and you can include a promotional paragraph
- Logo recognition in the Workshop proceedings

### **Conference Website**

Acknowledgement on the ASFB Conference website including logo, promotional text and a hotlink to your website

### Conference Endorsement

Your organisation is authorised to use the following phrase on promotional material until the conclusion of the Conference.

OFFICIAL MAJOR SPONSOR OF THE AUSTRALIAN SOCIETY FOR FISH BIOLOGY WORKSHOP & CONFERENCE 2008

### Half Page Advertisement

Your organisation can provide a half page advertisement for inclusion in the Conference Handbook. Final artwork must be provided in the format specified by the Conference Manager.

### **PowerPoint Presentation**

Your organisation will be acknowledged as a Major Sponsor on the PowerPoint presentation slides to be screened throughout the Conference.

### Complimentary Satchel Insert

An opportunity for your organisation to place important information in the hands of all delegates. One item (size to be approved by Conference Manager) can be included in delegate satchels to be distributed at registration.

### Delegate List

A delegate list will be provided to you following the Conference. (Subject to Privacy Laws)

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### **SPONSOR**

\$3,300 (GST INCLUSIVE)

The Sponsor option will provide the following benefits:

### **One Complimentary Registration**

As a Sponsor, you will be entitled to one (1) complimentary registration including access to conference sessions and functions including the Conference Dinner.

### Acknowledgement as a Sponsor on Promotional Material

Including but not limited to:

- Registration brochure (PDF online) your organisation's logo inside
- Acknowledgement in the **Conference Handbook** which is distributed to delegates. Your organisation's logo will be featured and you can include a promotional paragraph
- Logo recognition in the Workshop proceedings

### Conference Website

 Acknowledgement on the ASFB Conference website including logo, promotional text and a hotlink to your website

### **Conference Endorsement**

Your organisation is authorised to use the following phrase on promotional material until the conclusion of the Conference.

OFFICIAL SPONSOR OF THE AUSTRALIAN SOCIETY FOR FISH BIOLOGY WORKSHOP & CONFERENCE 2008

### **Quarter Page Advertisement**

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### PowerPoint Presentation

Your organisation will be acknowledged as a Sponsor on the PowerPoint presentation slides to be screened throughout the Conference.

### **Complimentary Satchel Insert**

An opportunity for your organisation to place important information in the hands of all delegates. One item (size to be approved by Conference Manager) can be included in delegate satchels to be distributed at registration.

### Delegate List

A delegate list will be provided to you following the Conference. (Subject to Privacy Laws)

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15 - 18 September 2008

### SESSION SPONSOR

\$2,200 (GST INCLUSIVE)

The Individual Session Sponsor option will provide the following benefits:

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Your organisation will be acknowledged exclusively as the sponsor of one of the conference concurrent sessions including:

- Acknowledgement on all promotional material where the session is mentioned including the registration brochure, website and handbook
- Acknowledgement by the session chair
- Acknowledgement on the slides used in the session room

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### **Delegate List**

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15 - 18 September 2008

### WEBSITE SPONSOR

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- Logo displayed on each page of the conference website
- Hyperlink from the Conference website to the sponsor's website
- One page advertisement on the Conference website (sponsor to provide)
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- Logo displayed in the Conference Handbook

### **Complimentary Satchel Insert**

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### **Delegate List**

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### SATCHEL INSERT

\$440 (GST INCLUSIVE)

Promotional item to be placed in each delegate's satchel (approved by the Conference Manager)

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15 - 18 September 2008

### **EXHIBITION BOOTH**

\$2,000 (GST INCLUSIVE)

Morning tea, afternoon tea and lunches will be served in the exhibition area

Each exhibition site includes:

- Area measuring 3 metres wide x 2.5 metres deep
- Booth structure covered in blue front-runner material suitable for Velcro hooks
- Fascia board with sign with your organisations name (maximum of 30 characters)
- Two spotlights
- Power point 1 x 4amp
- Acknowledgement in the delegate handbook
- Your participation displayed on the Conference website
- One Conference registration including social functions
- Trestle table and two chairs

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15 - 18 September 2008

### **PAYMENT and CONDITIONS**

All prices listed are in Australian Dollars. All payments must be made in Australian dollars. Bank cheques, direct transfers and credit card payments will be accepted. All amounts include Australian federal Goods and Services Tax (GST) of 10%.

### **Sponsor Agreements**

Once your preferred sponsorship package has been negotiated, the Conference Managers will prepare a Sponsor Agreement for your signature.

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### DISCLAIMER

The entitlements listed in this document are offered on the basis that confirmation of a sponsor's involvement is received prior to the deadline specified by the Conference Manager (e.g. production of promotional material).

The Conference Management reserves the right to amend these packages subject to change in the program format.

### RESPONSIBILITIES OF SPONSORS

It is the responsibility of sponsors to provide the materials listed in the sponsor package, once the commitment has been made.

Those companies which get the most out of their sponsorships are those who actively promote their presence at the convention and provide photographs, text and any other materials in a timely manner to the organisers

### **CONTACT DETAILS**

Australian Society for Fish Biology Workshop & Conference 2008 C/- OzAccom Conference Services PO Box 104 RBH Post Office Brisbane Qld 4029

asfb2008@ozaccom.com.au www.asfb.org.au

Phone 07 3854 1611 Fax 07 3854 1507

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Australian Society for Fish Biology Workshop & Conference 2008 15 – 18 September 2008



### Sponsorship and Exhibition Booking Form

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ABN 51 734 124 190 \*All prices quoted are inclusive of GST and in Australian Dollars PERSONAL DETAILS Title: \_\_\_\_\_ Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_ Organisation:.... Suburb: Country: Postcode: Sponsorship Booking Principal Sponsor @ \$22,000 (including GST) Major Sponsor @ \$6,600 (including GST) Sponsor @ \$3,300 (including GST) Session Sponsor @ \$2,200 (including GST) Website Sponsor @ \$1,100 (including GST) □ **Exhibition Booth** Satchel Insert Booking Please indicate number of satchel inserts required. **Payment Summary** Sponsorship Total \$..... **Exhibition Total** Satchel Insert Total \$..... Total We agree to abide by the rules and regulations governing Australian Society for Fish Biology Workshop & Conference 2008. I confirm that full payment will be accompanied with this form. Signature: ...... ☐ Cheque attached (Please make cheques payable to NSW Department of Primary Industries) Please debit my credit card for the total amount owing on this form ☐ MasterCard ☐ Visa Cardholders name: .......Signature: ..... Credit Card number: ..... ...../....../ Please note that debits to your credit card will appear as OzAccom on your statement.

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### **APPENDIX 3: WORKSHOP PROGRAM**

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

# Sponsored by Fisheries Research and Development Corporation

Registration Bellevue Terrace Lobby Workshop Ice-Breaker Bellevue Terrace

Registration Bellevue Terrace Lobby

Opening SESSION ONE Objectives Review of Recreational Fisheries Policy, management
Objecti
•
and research in Australia, New Zealand and the USA.
Overviews from Recfish Australia and the FRDC will also be presented.
Speakers
<ul> <li>An overview of monitoring and assessment of recreational fishing in Victoria, Karina Ryan</li> </ul>
FRDC, RecFish to give a short  • Recreational fisheries management and research in Tasmania, Jeremy Lyle
South Australian recreational fisheries – participation, management and assessment, Keith
Jones
Western Australian recreational fisheries, Brent Wise
Mark Grubet
A quick overview of recreational fisheries-related monitoring and research being carried out
by Queensland Department of Primary Industries and Fisheries, Jonathan Staunton-Smith
<ul> <li>Management and assessment of the recreational fisheries in NSW: An overview, Charles</li> </ul>
Gray
<ul> <li>The marine recreational fisheries statistical survey in the US: Challenges and changes,</li> </ul>
Sandra Diamond
<ul> <li>Overview of recreational fisheries policy, management and research in New Zealand, Martin</li> </ul>
Cryer
<ul> <li>Information – the biggest issue for the recreational fishing sector, Len Olyott</li> </ul>
Patrick Hone
1025-1045   Morning Tea in Bellevue Terrace
8

	Afternoon Tea in Bellevue Terrace	1520-1540
reduce costs?. Karina Rvan	speakers in session	
Angler licence sampling frames - how can they be used to improve survey designs and	45 min Q & A session for all	
Approaches, Bruce Hartill	forest and a supplier of the s	
	40 min talles defined a simple of	
•	with recreational fisheries research.	
	methodological issues associated	
<ul> <li>New ideas and methods for assessing catch and effort in marine recreational fisheries,</li> </ul>	This session will focus on	
Speakers	Notes	
attention to in Australia?		
What are the insights from New Zealand and the USA that we should be giving more		
reduce sampling costs.		
Discussion of angler licence frames – how can they be used to improve survey designs and		
<ul> <li>Examination of novel methods and new technologies in recreational research.</li> </ul>	Convenor: Aldo Steffe	
	Methods	
	Recreational Fisheries Research	
Objectives	SESSION THREE	1330-1520
	Lunch in Bellevue Terrace	1230-1330
	speakers in session.	
	40 min Q & A session for all	
	TO MILL GAINS (WITH 5 MILL QUESTIONS)	
Strengths and weaknesses of recreational fisheries management and research strategies: A	developments.	
	science and research within these	
Managing many with little: Herding chooks in the Great Barrier Reef Marine Park. Bruce	management and the role of	
Frank Prokop	recreational fisheries policy and	
management and development, Peter Appleford	contemporary developments in	
<ul> <li>Development of a plan to address national needs for recreational fishing data for fisheries</li> </ul>	This session will discuss	
Speakers	Notes	
<ul> <li>Consider the issues associated with managing recreational fisheries in data-poor situations.</li> </ul>		
<ul> <li>Identify the research required to create better outcomes for stakeholders.</li> </ul>		
management.	Convenor: James Scandol	
Examine the strengths and weaknesses of strategies used for aquatic resource research and	Research	
sustainable recreational fisheries.	and Recreational Fisheries	
Better understand the partnership between aquatic resource management and research for	Aquatic Resource Management	
Objectives	SESSION TWO	1045-1230

PSESSION FOUR Recreational Fisheries Research and Management in 2028 What should sustainable recreational fisheries look like in 20 years and how do we get there from here? Convenor: Richard Stevens Notes This session provides stakeholders with a chance to describe their vision for recreational fisheries in the next 20 years and their preferred options for achieving this vision. 5 min talks (no questions) 40 min Q & A session for all speakers	Objectives	<ul> <li>Listen to representatives from a range of organisations (with a stake in recreational fishing and the aguatic environment) present their vision of recreational fisheries in twenty years</li> </ul>	time.	<ul> <li>Participate in a discussion on what we need to do to get there.</li> </ul>					Speakers	<ul> <li>In the year 2025will recreational fishing be alive, Bill Sawynok</li> </ul>	<ul> <li>A grass roots perspective – more fish and more access, Ken Thurlow</li> </ul>	<ul> <li>Australian fishing media's vision of sustainable recreational fisheries in the 2030's. Ben</li> </ul>	Diggles	<ul> <li>Future sustainable game fishing for pelagic species – considerations', Graham Williams</li> </ul>	<ul> <li>Recreational fishers: the champions for fish habitat rehabilitation? Liz Baker</li> </ul>	<ul> <li>MPAs vision for the future is focused on conservation of marine biodiversity. Brendan</li> </ul>	Kelaher & Adrian Toovey	<ul> <li>Recreational fishing – fish for the future, Bryan van der Walt &amp; Cameron Westaway</li> </ul>	<ul> <li>Research challenges arising from differing stakeholder objectives and perceptions, Aldo</li> </ul>	Steffe	Datrick Coutin ASEB Dresident
1540-1715	SESSION FOUR	Recreational Fisheries Research and Management in 2028		What should sustainable	recreational fisheries look like in	20 years and how do we get there	from here?	Convenor: Richard Stevens	Notes		This session provides stakeholders	with a chance to describe their	vision for recreational fisheries in	the next 20 years and their	preferred options for achieving this	vision.		o min taiks (no questions)	40 min Q & A session for all	speakers	Closing Demarks
	1540-1/15																				1715,1730

### **APPENDIX 4: CONFERENCE PROGRAM**

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

## Sponsored by NSW Department of Primary Industries

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K Allen Presentation, Patrick Coutin, K Allen eulogy Kevin Rowling
The metamorphosis of larval-fish biology in Australia: from who to where to what, Jeff Leis, K Radway Allen Medal recipient
A generalized trophic approach to stocking density and predatory impact estimation for stocking in open systems, Matt Taylor, Student Travel Award Conference Welcome, Charles Gray and Patrick Coutin Registration Bellevue Terrace Lobby Room: Pavilion Ballroom Chair: Charles Gray 0830 0840 0855 0940

Morning Tea in Trade & Poster Area Bellevue Terrace 1025

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

1235 Lunch in Trade & Poster Area Bellevue Terrace

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

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

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1040 - 1000	- 1930
3	1800 -

### rsday 18 September 2008

0800 Registration Bellevue Terrace Lobby

	Recreational Fisheries	Ageing & Growth	Freshwater Fish
	Room: Pavilion Ballroom A	Room: Promenade Room 1	Room: Pavilion Ballroom B
	Chair: Lynnath Beckley	Chair: Anthony Fowler	Chair: Mark Lintermans
	Sponsored by NSW Recreational Fishing	Sponsored by Department of Fisheries	Sponsored by Murray-Darling Basin
	Trusts	Government of Western Australia	Commission
0830	Developments in using aerial fishing effort	Telomere Length: a potentially non-lethal fish	Sustainable Rivers Audit: a river health
	surveys to scale up observed harvests	ageing tool?	check for the Murray-Darling Basin
	Bruce Hartill	Christopher Izzo	Michael Wilson
0820	Trends in Queensland's recreational fishing	Density-dependent growth; evidence, complexities	When good wetlands turn bad - the plight
	catch, harvest and release	and management implications	of the Murray hardyhead
	Stephen Taylor	Athol Whitten	lain Ellis
0910	Gone fishing? - Using recreational fish catch	Growth of the Eastern school prawn metapenaeus	Distribution and habitat preferences of
	data to assess trends in fish stocks in	macleayi in New South Wales waters	freshwater catfish Tandanus tandanus
	Queensland	Steve Montgomery	within Washpen Creek
	Jan-Olaf Meynecke		Rohan Rehwinkel
0830	Do club-based anglers have a	Systems and methodologies for accurate fish	Investigating the distribution and
	disproportionately large influence on estimates	ageing at NSW DPI	abundance of fish assemblages in the
	of total fishing catch and effort estimates in a	William Robbins	Moonie River, Upper Murray-Darling
	recreational fishery?		Basin, using Macquaria Ambigua as an
	Jeff Murphy		indicator species
			David Sternberg
0980	Monitoring recreational catch in remote	Evidence for age-class truncation in exploited	Rediscovery of the southern purple-
	Queensland – a change in tactics	populations of coastal fish in New South Wales	spotted gudgeon from the lower River
	Brenda Foley	John Stewart	Murray
			Michael Hammer

1010 Morning Tea in Trade & Poster Area Bellevue Terrace

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

1220 Lunch in Trade & Poster Area Bellevue Terrace

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

) Afternoon Tea in Trade & Poster Area Bellevue Terrace

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

#### APPENDIX 5: WORKSHOP EVALUATION



ASFB 2008 Workshop & Conference 15 - 18 September 2008 Swiss Grand Resort & Spa Bondi Beach

## WORKSHOP EVALUATION SUMMARY

Assessing Recreational Fisheries - Current and Future Challenges

81 Evaluation forms were returned by delegates for the Workshop.

## A. Your affiliation and status

Government Agency - 61 attendees with the following status breakdown:

- 26 Researchers
- 24 Other (or not indicated)
- 2 Students / Researchers
- 6 Managers
- 2 Researchers / Managers
- 1 Science Manager

University - 10 attendees with the following status breakdown:

- 4 Researchers
- . 1 Student / Researcher
- . 5 Other (or not indicated)

NGO - 3 attendees with the following status breakdown:

- 2 Managers
   1 Other (or not indicated)

University / NGO - 1 attendee

Student / Researcher

University Research Centre - 1 attendee

Researcher

Recreational Fisher - 1 attendee

Private Consulting - 1 attendee

Researcher

Other - 1 attendee

Other



### B. Based upon the workshop sessions, which if any do you consider most relevant to your area of expertise/interest?

Workshop Session	Most relevant	Minor relevance	Limited/No relevance	No Response
Review of Recreational Fisheries     Research and Management	52	23	4	2
Aquatic Resource Management and Recreational Fisheries Research	40	37	3	1
Recreational Fisheries Research     Methods	54	18	9	
Recreational Fisheries Research     and Management - 2028	31	36	10	4

## C. Please answer the following:

- Did the workshop expose you to ideas or approaches that were unfamiliar to you but maybe relevant to your area of interest/expertise?
   Do you intend to follow up on any of these ideas or approaches?
- 3. Have any of the discussions changed your views on research and management priorities?

Workshop Session	1 Relevant	2 Intend to Follow-up	3 Changed Your Views
Review of Recreational Fisheries     Research and Management	55	25	5
Aquatic Resource Management     and Recreational Fisheries Research	46	18	11
Recreational Fisheries Research     Methods	54	33	11
Recreational Fisheries Research and Management - 2028	43	18	8

### D. Would you say the workshop directly or indirectly assisted you in your area of expertise through any of the following (tick as appropriate)

Exposure to ideas from other jurisdictions, NZ or USA	62
Coverage of contemporary strategies for the research and management of recreational fisheries	48
Presentations clarifying the strengths and weaknesses of various survey methods	49
Identification of new strategies for the assessment of recreational fisheries	36 & 1 limited
Discussions illustrating the differences and similarities between stakeholders	42
Other (specify)	4

## Responses for other:

- Networking
- Reinforced the need for intergenerational change in research
- Marine parks insight
- Discussion about licensing

General comment made in relation to this question: a lot of if was rehashing already established issues without many new solutions raised



### E. Do you intend to develop research projects/applications in the near future that have benefited from your participation at the workshop?

Yes	38	
No	32	
No, maybe	1	
Not Indicated	9	
Don't know yet	1	

If yes, provide short description and likely source of funding. Note: some attendees noted the same research project/application under multiple funding sources.

## FRDC

- Monitoring of recreational use of artificial reef
- Onsite to complement angler diary Angler capacity building in relation to habit protection/restoration
- Angler based tagging project
- Phone, onsite and diary survey of game fish catch and effort on east coast
- Nothing planned; awaiting national developments
- Input into current FRDC project 'development of national data needs for recreational fisheries management and development
- Research angler diary method validation
- Socio-economic performance indicators for rec-fishers
- Indicators of recreational fishing quality
- Onsite creels and phone surveys
- Artificial reef monitoring
- Improving communication with recreational stakeholders
- Angler diary
- Social-economic research

## National competitive e.g. ARC

- Development of video monitoring methods for measuring angler effort
- Evidence based approach to NRM

### Government

- Use of licence for state wide R & C catch estimates
- Onsite to complement angler diary
- Engagement of recreational anglers in fisheries research programs
- Continue and improve current boat ramp surveys, fish frame donation program, caravan
- park surveys, sampling the charter fishery etc. Regional onsite bus route surveys telephone surveys & telephone survey
- Continued collection of biological data from recreational sector using a number of sampling strategies e.g. boat ramp surveys, roving surveys keen angler programs
- Creel surveys and investigate the use of harvest tags
- State wide diary/phone survey
- Community engagement and fishing clinics
- Use of websites for data collection from fishers
- Onsite creel surveys
- On-going state wide fishing surveys (phone, diary and onsite surveys)
- Onsite creels and phone surveys
- Both onsite and offsite methods



- Stock assessment (fishery independent); angler-take assessments (onsite creel surveys);
   Angler-based tagging programs
- Recreational fishers and habitat facilitating habitat

### Fishing Trust

- Creel surveys
- Fish survival/appropriate handling techniques
- · Research angler diary method validation
- Indicators of recreational fishing quality
- Onsite creels and phone surveys
- Web cam monitoring of rec-fisheries
- Angler diary program
- Artificial reef monitoring
- Stock assessment (fishery independent); angler-take assessments (onsite creel surveys);
   Angler-based tagging programs
- Ecology of key freshwater angling species in NSW and the impacts of fishing on these
- Improving communication with recreational stakeholders
- · Record and document local
- Recreational fishers and habitat facilitating movement

### Other

- As yet unknown
- Unsure there are numerous research priorities that were evident in the discussions
- NRM boards
- NZ Ministry of Fisheries Ministry will design a program including nation wide (telephone/diary), stock-focused (esp. snapper, probably aerial over flight) and various local issues
- Regional NRM Group Angler diary

# F. Do you have any general feedback about the workshop relating to the program, quality of presentations, value of discussion sessions, venue and general organisation?

- Presentations were varied and stimulating
- Excellent presentations and venue and location well done. Need some more effort into technical side of things i.e. presentations didn't work, wrong order etc.
- Nice venue well organised event
- · Some speakers seemed to ignore their instructions. Don't let the President speak next time.
- Good venue (though air-conditioning a bit cool). Good robust debate. Opportunities for many different stakeholders to contribute.
- Structure worked really well (despite some skepticism I held) and I especially like the 40-50
  minute discussion sessions following a series of talks. Good way to draw out the themes as
  opposed to the details.
- Very good workshop good format; expert speakers the most appropriate and relevant in Australia
- Lacked the national aspect somewhat and Commonwealth perspective not given
- Not well directed. Not very visionary. Took me back to a previous workshop about 20 years ago.
- Food too slow and of marginal quality. Speakers were great to keep to time. Interesting discussion.



- Recreational fishing management and research is such a huge topic to cover, it needed to go over two days at least. Topics weren't discussed in depth.
- 5 minute presentations were a great way to quickly experience a variety of topics. Great venue and general organisation
- Bit more management/researcher/interaction and work-shopping some of the issues
- Useful workshop, would like to have seen more discussion on methods and which views from more worldwide experience
- Good presentations, discussion was good, but a lot of same issues and problems brought up – not a lot of solution or new ideas discussed – still good value. Great venue
- Too much emphasis on NSW. To much emphasis on the issue rather that the (potential) solutions
- Presentations were too short to address issues in enough depth. I would recommend less talks, but in more detail. One person could give an overview of all states
- Commonwealth fisheries in Australia not covered. Might have been good to hear more from management. Might have been good to focus more time/effort on the last session (20/20 objectives)
- Presentations were of high quality and the format consisting of a series of short 5 min talks worked well
- The short talk format worked well especially at the start of the day
- The international input was excellent
- There was a fisheries habitat presentation but no actual management of fisheries talk re: freshwater fisheries!
- The workshop format was great, and 1 day is enough. The gathering and presentation of a
  wide ranging group of people made the topic, in my view, a success and a positive step
  forward to potentially solving some problems in future recreational fishing.
- A very productive day well presented and received. Good venue, apart from a little too cold and getting lunch took too long.
- Not really strategic enough. Too much identification of methods rather than what the data are to be used for.
- May be beneficial to have some form of break-out sessions to get more involvement by the 'silent majority'
- · May also help to focus the workshop on outcomes.
- · Easy well done!
- · Too much management and not enough science
- · Too few research project presentations
- · Question time too long at the expense of more relevant presentations
- · Organisation and venue were good
- Workshop could have been over 2 days allowing more time to consider innovative survey
  methods, though was good to have enough but frank considerations of
  advantages/disadvantages of different methodologies. More input from
  managers/stakeholders in terms of what are the key management objectives, which in turn
  should be the drivers for research would have been useful. Overall good, packed a lot in
  a short time.
- · Discussion dominated by small number of questioners



- Workshop not tightly enough structured to address objectives. Discussion too often went off at a tangent. No sensible discussion of what kinds of economic/social R and D needed to facilitate better recreational fisheries management.
- Kept to time, still feel that we are scratching the surface. Recreational fisheries are diverse, motivations to fish are diverse, methods to monitor and assess rec fisheries will be equally diverse.
- Good cross-section of research, management and industry.
- · Well worth attending
- Interesting and well formatted
- 5 min presentations were good for perspective but maybe 10 min would have been better.
- · High quality presentations
- · Sound quality/acoustics good
- · Organisation and venue and food were excellent
- Increase time allowed for talks by the international speakers
- The workshop had too much political emphasis so that the fisheries biology was lost, there
  should have been more discussion on desired outcomes and the way to assess the
  recreational fisheries and how they are threatened in order to reach a clear goal for future
  direction.
- · Great workshop format
- Excellent choice of speakers representing a broad perspective of views
- · Great exposure of the issues in this sector
- · Significant repartition in presentations on what is happening in each state
- May be better to focus an specific case studies with greater discussion on outcomes / lessons learnt
- The strategic 2020 vision session needed more serious attention.
- The descriptive and background sessions were good
- · Few really good ideas on innovative approaches/methods
- . The ASFB may wish to focus more on research / fishing biology rather than management
- Be more careful about who is selected to speak
- · Short panel sessions the way to go in the future
- · No music allowed in future presentations except if its Keith!!
- Good length of presentations for first day (particularly to keep my attention)
- Discussions useful in listening to various states and how they manage their fisheries highlighting the need for collaboration/communication
- · Venue is great
- · Organisation smooth
- I did like / enjoy the workshop very punctual cover most areas of interest / organisations involved in rec. fishing.
- Short presentations were great and "to the point". Avoids waffle and keeps interested.
- I thought there might be more discussion on fitting recreational fishing within ESD type management frameworks



 Also welfare, ethical & social issues outside of rec fishing interests were very underrepresented.

### G. Any other comments?

- I think there was some offensive behaviour by one panel member that could have been managed better.
- · Air-conditioning too cold
- Exclude MPA debate next time
- · Raise manager/researcher relationships and how to fix it.
- Breakout groups may have been useful to come up with more specific direction for the next 20 years
- For conference organisers lunch queue
- A review or session or what we do know about status of rec fisheries would have been very informative
- · It is good that we are starting to get away from using \$ values for rec fishing
- There is no national standard framework for rec fisheries monitoring assessment and management decision making. Need to look at each fishery separately and determine
  - 1) characteristics and scale of fishery
  - 2) Objectives (biological, economic, social) for management,
  - 3) info needed to address each objective and
  - 4) Best R and D tools to provide the data needed in a cost effective manner.
- The views of stakeholders are diverse, but it seemed that 'govt' are viewed as a uniform group but there is similar disparity in views within govt representatives (e.g. Conservation, management, research, compliance etc)
- Very different attitudes of older researchers and researchers and others wasn't tapped into enough, surely Kearney's one eyed views have been heard enough!!
- · Good selection of presenters and topics
- Good panel chairs
- · Unconstructive battles between participants need to be avoided
- · Sharing of microphone and limits for people dominating debates by chair is needed.
- · With rights come responsibilities
- This workshop should have been titled "Assessing recreational fishers" not fisheries. I was anticipating a completely different program.
- One day format of workshop worked well especially for someone working somewhat peripherally to a state-based recreational fishery.
- Bit too much dwelling on vented interests of individuals but that was always going to be the case
- · One day format great, excellent attendance level.
- Well done ASFB
- Missing a talk from the commonwealth fishing sector at workshop day.
- · Obviously some people have very strong views and discussions allow for a stage



- · Should be kept more professional
- 1 Day workshop good
- More Intense subjects may be easier to get clear outcomes (but may attract fewer participants so hard trade off
- · A most worthwhile experience

## APPENDIX 6: CONFERENCE EVALUATION



ASFB 2008 Workshop & Conference 15 – 18 September 2008 Swiss Grand Resort & Spa Bondi Beach

## CONFERENCE EVALUATION SUMMARY

47 Conference evaluation forms were returned by the delegates.

Below are the responses to the rating, 5 = excellent through to 1 = poor

GENERAL	Excellent		RATING		Poor	
	5	4	3	2	1	NA
How Suitable was the Swiss Grand Resort & Spa as the venue?	14	25	8	0	0	0
What was your opinion of the catering?	10	21	10	5	1	0
What was your opinion of the audiovisuals?	4	11	16	14	1	1
What did you think about the general organisation of the conference?	17	26	4	0	0	0
How well were your expectations met by the conference?	6	35	6	0	0	0
How useful was the program to the work you do?	12	24	10	1	0	0
If you submitted an abstract online, how did you find the process?	16	14	2	1	1	13
If you registered online, how did you find this process?	18	18	5	2	0	4
Do you think you received value for money?	7	24	10	5	0	1

SOCIAL PROGRAM	Excellent		RATING		Poor	
	5	4	3	2	1	NA/DA
Workshop Ice-Breaker	4	9	3	1	0	30
Poster Session and Drinks	9	16	14	3	0	5
Conference Dinner	10	3	0	0	0	34

NA = no answer DA = didn't attend

## 1. What did you enjoy most about the conference?

- · Diversity, stimulation, nice location
- · The beach
- Plenty of time at lunch and tea to network
- Networking; having the opportunity away from the office to listen/learn/think; diversity of topics; decent breaks between sessions and only 5 talks per sessions; good to have tables/drinks/sweets!
- Connections
- Chatting to colleagues
- · Good talks, everyone kept to time
- · Meeting people from previous work



- Networking
- · The presentations and the accommodation at the venue
- Refreshing to see other research
- Good contacts
- Good diverse talks
- Networking/talks
- · Networking with others
- Contacting scientists from other institutes
- Wide variety of talks; ambience of hotel; coffee tickets; networking
- Hearing from students and early career fish scientists
- · Meeting other scientists and the ideas gained for research
- Pre conference workshop on rec fisheries
- The people and interaction
- Diversity of talks
- Presentations
- · Location and food/drink; book launch
- Great food, nice centralised layout so easy to mingle and easy to move between sessions.
   Everything was easy and people were helpful and pleasant.
- Awesome program of talks high standard
- Well organised sessions of talks
- Social program; great location; short informative talks with concurrent sessions; good organisation
- Presentations were kept to the time limit which helped things run smoothly. The conference website was well organised and was useful when arranging the trip.
- Social contacts; food was good
- · Seeing new innovative work and having discussions with colleagues
- 3 day format for conference/workshop worked well
- · great location; well attended, all interesting; great networking
- Well organised and generally ample time for questions. This is critical and was well done
- socialising; attending the presentations
- relevant talks

## 2. What did you least like about the conference?

- Cost, theatres not well designed for a conference
- · Choice of reasonably priced accomm in vicinity of venue
- Cost/food
- Air-conditioning cold



- Cold venues
- · Technical hitches
- · Food was pretty marginal
- Difficulty with seating to see screens
- Level floor in rooms made it difficult to see the bottom of the slides from all but the front row; first presentation was too early (8:30am)
- Narrow focus on sport fish
- · Rooms for social program were very noisy made it hard to network well!
- AV problems
- Too many talks and not enough posters
- Workshop disjoint between sessions; small breakout room crowding and AV support
- Rooms a little cool
- How cold the rooms were and the lack of drinks at icebreaker and poster nights.
- Not enough posters
- Aircon in rooms
- A bit cold
- Aircon in conference rooms; limited catering for vegetarians/vegans in the evening (outside conference dinner)
- The largest amount of chlorine in the spa and pool on the roof!
- · Screens a bit low; too much chlorine in pool
- Aircon too cold; screens difficult to see
- AV screens too low to the ground
- Need to serve more than just beer and wine; aircon too cold
- Rooms were too cold
- · Technical problems with presentations
- Noisy tea and poster venue poor acoustics for such activities when people are trying to speak to each other.
- Although AV people were willing, the process was flawed slides should be loaded early and on time!
- · Polar weather conditions in the conference rooms
- · Occasional AV failures; artic aircon
- Poster sessions needs better integration into the conference; poster contributors may have been dis-satisfied
- The lunches!



### 3. Any other comments / suggestions?

- good conference, well organised
- Programming could have been more flexible last minute blank slots, due to late withdrawals could have been filled by stand-in presenters.
- · Write thank you letter to organising committee
- Combine with other organisations
- More social opportunities would have been good as the whole 4 days were so full there was only a little time for networking
- Buy PowerPoint remotes
- · 3 day event good good relaxed socials; helpful organisers
- Please put a list of delegates in the conference manual ( not just presenters)
- · 12 minute talks and 3 minutes for questions may be better
- Put in program which students are competitors for Whitley Awards
- Should look at "green" credentials of conference location especially in relation to energy and water use and doesn't have ponds containing exotic fish species.
- Better layout of conference book time on abstracts, conference timetable at front or back (easier to find)
- One of the best conferences I have been to!
- Congratulations to organising committee.
- Hotel must think about how to serve large numbers of people in a short time i.e. Order of plates/rice/meat etc.
- · It was a very expensive conference compared to several others attended recently.
- Rooms very cold; screens need to be higher

## APPENDIX 7: WORKSHOP & CONFERENCE PROCEEDINGS

Refer to enclosed CD-Rom.

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