

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

C.A. Gray, J.P. Scandol, A.S. Steffe & D.J. Ferrell

Industry & Investment NSW  
Cronulla Fisheries Research Centre of Excellence  
PO Box 21, Cronulla, NSW, 2230  
Australia



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

August 2009

**Authors:** Charles A. Gray, James P. Scandol, Aldo S. Steffe and Douglas J. Ferrell  
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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

<p><b>2008/301 Australian Society for Fish Biology Annual Conference &amp; Workshop 2008: Assessing Recreational Fisheries – Current and Future Challenges</b></p>
--

**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<sup>th</sup> and 18<sup>th</sup> 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 sessions 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
14	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

10	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 and 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**

The flyer features a background of a large school of fish swimming in clear, sunlit water. The year '2008' is written in large, semi-transparent white numbers across the top. Below it, the words 'conference & workshop' are written in a bold, white, sans-serif font. In the bottom left corner, there is a circular logo for the Australian Society for Fish Biology, which includes a colorful illustration of a fish and the text 'AUSTRALIAN SOCIETY for FISH BIOLOGY'. To the right of the logo, the workshop theme and dates are listed in white text.

**2008**  
**conference  
& workshop**

Workshop theme >  
**Assessing recreational fisheries:  
Current and future challenges**

**BONDI BEACH  
SYDNEY, AUSTRALIA  
15-18 SEPTEMBER 2008**



AUSTRALIAN SOCIETY  
for FISH BIOLOGY

## **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**

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

[asfb2008@ozaccom.com.au](mailto:asfb2008@ozaccom.com.au)  
[www.asfb.org.au](http://www.asfb.org.au)

Phone 07 3854 1611  
Fax 07 3854 1507

**Australian Society for Fish Biology Workshop & Conference 2008**

15 – 18 September 2008

**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:

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.

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.

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

### 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  
RBH POST OFFICE QLD 4029  
Street Address: 15 Wren St  
Bowen Hills Qld 4006  
Telephone: +61 (0)7 3854 1611  
Facsimile: +61 (0)7 3854 1507  
Email: [asfb2008@ozaccom.com.au](mailto:asfb2008@ozaccom.com.au)  
Website: [www.asfb.org.au](http://www.asfb.org.au)



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

## 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.

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

**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)**



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

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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

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

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)**

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

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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**

Your organisation can provide a quarter 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 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)**

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

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## SESSION SPONSOR

**\$2,200** (GST INCLUSIVE)

The Individual Session Sponsor option will provide the following benefits:

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

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

### **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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## WEBSITE SPONSOR

**\$1,100** (GST INCLUSIVE)

The Conference Website Sponsorship option will provide the following benefits:

-  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)
-  Logo displayed in the Registration Brochure
-  Logo displayed in the Conference Handbook

### **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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## SATCHEL INSERT

**\$440** (GST INCLUSIVE)

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

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

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## 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

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

[asfb2008@ozaccom.com.au](mailto:asfb2008@ozaccom.com.au)  
[www.asfb.org.au](http://www.asfb.org.au)

Phone 07 3854 1611  
Fax 07 3854 1507

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



## Sponsorship and Exhibition Booking Form

Please complete this form and return with payment to:  
Australian Society for Fish Biology Workshop & Conference 2008  
C/- OzAccom Conference Services  
PO Box 104, RBH Post Office, QLD, AUSTRALIA 4029  
Tel: (07) 3854 1611 Fax: (07) 3854 1507 Email: [asfb2008@ozaccom.com.au](mailto:asfb2008@ozaccom.com.au)  
ABN 51 734 124 190 \*All prices quoted are inclusive of GST and in Australian Dollars

### PERSONAL DETAILS

Title:..... Last Name: ..... First Name: .....  
Organisation: .....  
Position: .....  
Postal Address: .....  
Suburb: ..... State: ..... Country: ..... Postcode: .....  
Telephone: ..... Fax: ..... Mobile: .....  
Email: .....

### 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

Number of booth packages required (3m x 2.5m)..... @ \$2,000 per booth (including GST) \$..... Total

### Satchel Insert Booking

Please indicate number of satchel inserts required.

Satchel inserts ..... @ \$440 per insert (including GST) \$ ..... Total

### Payment Summary

Sponsorship Total \$ .....  
Exhibition Total \$ .....  
Satchel Insert Total \$ .....  
Total \$ .....

### Agreement

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: ..... Date: .....

### Payment Options

Cheque attached (Please make cheques payable to NSW Department of Primary Industries)

OR

Please debit my credit card for the total amount owing on this form

MasterCard  Visa  Amex  Diners

Cardholders name: ..... Signature: .....

Credit Card number: ..... Expiry date: ...../...../.....

Please note that debits to your credit card will appear as OzAccom on your statement.



## APPENDIX 3: WORKSHOP PROGRAM

### WORKSHOP PROGRAM\*

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

**Sponsored by Fisheries Research and Development Corporation**

**Monday 15 September 2008**

- 1700 Registration Bellevue Terrace Lobby
- 1800 Workshop Ice-Breaker Bellevue Terrace

**Tuesday 16 September 2008**

- 0800 Registration Bellevue Terrace Lobby

	<i>Room: Pavilion Ballroom</i>				
0830-0900	Opening				
0900-1025	<b>SESSION ONE</b> Review of Recreational Fisheries Research and Management Convenor: Bob Kearney	<b>Objectives</b>	<ul style="list-style-type: none"> <li>• Get an overview of current and future trends in recreational fisheries policy, management and research in Australia, New Zealand and the USA.</li> <li>• Overviews from RecFish Australia and the FRDC will also be presented.</li> </ul>		
	<b>Notes</b> Each state jurisdiction, NZ, USA, FRDC, RecFish to give a short presentation  5 min talks (no questions)  15 min Q & A session for all speakers	<b>Speakers</b>	<ul style="list-style-type: none"> <li>• An overview of monitoring and assessment of recreational fishing in Victoria, <b>Karina Ryan</b></li> <li>• Recreational fisheries management and research in Tasmania, <b>Jeremy Lyle</b></li> <li>• South Australian recreational fisheries – participation, management and assessment, <b>Keith Jones</b></li> <li>• Western Australian recreational fisheries, <b>Brent Wise</b></li> <li>• <b>Mark Grubet</b></li> <li>• A quick overview of recreational fisheries-related monitoring and research being carried out by Queensland Department of Primary Industries and Fisheries, <b>Jonathan Staunton-Smith</b></li> <li>• Management and assessment of the recreational fisheries in NSW: An overview, <b>Charles Gray</b></li> <li>• The marine recreational fisheries statistical survey in the US: Challenges and changes, <b>Sandra Diamond</b></li> <li>• Overview of recreational fisheries policy, management and research in New Zealand, <b>Martin Cryer</b></li> <li>• Information – the biggest issue for the recreational fishing sector, <b>Len Olyott</b></li> <li>• <b>Patrick Hone</b></li> </ul>		
1025-1045	Morning Tea in Bellevue Terrace				

1045-1230	<p><b>SESSION TWO</b>  <b>Aquatic Resource Management and Recreational Fisheries Research</b>          Convenor: James Scandol</p>	<p><b>Objectives</b></p> <ul style="list-style-type: none"> <li>• Better understand the partnership between aquatic resource management and research for sustainable recreational fisheries.</li> <li>• Examine the strengths and weaknesses of strategies used for aquatic resource research and management.</li> <li>• Identify the research required to create better outcomes for stakeholders.</li> <li>• Consider the issues associated with managing recreational fisheries in data-poor situations.</li> </ul> <p><b>Speakers</b></p> <ul style="list-style-type: none"> <li>• <i>Development of a plan to address national needs for recreational fishing data for fisheries management and development</i>, Peter Appleford</li> <li>• Frank Prokop</li> <li>• <i>Managing many with little: Herding chooks in the Great Barrier Reef Marine Park</i>, Bruce Wallner</li> <li>• <i>Strengths and weaknesses of recreational fisheries management and research strategies: A recreational sector perspective</i>, Ross Winstanley</li> </ul>
	<p><b>Notes</b>          This session will discuss contemporary developments in recreational fisheries policy and management and the role of science and research within these developments.          10 min talks (with 5 min questions)          40 min Q &amp; A session for all speakers in session.</p>	
1230-1330	Lunch in <i>Bellevue Terrace</i>	
1330-1520	<p><b>SESSION THREE</b>  <b>Recreational Fisheries Research Methods</b>          Convenor: Aldo Steffe</p>	<p><b>Objectives</b></p> <ul style="list-style-type: none"> <li>• Discuss the relative merits and applications of off-site methods (eg. telephone, diary) and on-site methods (eg. access point, roving).</li> <li>• Examination of novel methods and new technologies in recreational research.</li> <li>• Discussion of angler licence frames – how can they be used to improve survey designs and reduce sampling costs.</li> <li>• What are the insights from New Zealand and the USA that we should be giving more attention to in Australia?</li> </ul> <p><b>Speakers</b></p> <ul style="list-style-type: none"> <li>• <i>New ideas and methods for assessing catch and effort in marine recreational fisheries</i>, Sandra Diamond</li> <li>• <i>Application of the telephone-diary methodology in large-scale recreational fishing surveys</i>, Jeremy Lyle</li> <li>• <i>The evolution of recreational harvest estimation in New Zealand from indirect to direct approaches</i>, Bruce Hartill</li> <li>• <i>Angler licence sampling frames - how can they be used to improve survey designs and reduce costs?</i>, Karina Ryan</li> </ul>
1520-1540	<p><b>Notes</b>          This session will focus on methodological issues associated with recreational fisheries research.          10 min talks (with 5 min questions)          45 min Q &amp; A session for all speakers in session</p>	
	Afternoon Tea in <i>Bellevue Terrace</i>	

1540-1715	<p><b>SESSION FOUR</b>  <b>Recreational Fisheries Research and Management in 2028</b></p> <p>What should sustainable recreational fisheries look like in 20 years and how do we get there from here?                  Convenor: Richard Stevens</p>	<p><b>Objectives</b></p> <ul style="list-style-type: none"> <li>• Listen to representatives from a range of organisations (with a stake in recreational fishing and the aquatic environment) present their vision of recreational fisheries in twenty years time.</li> <li>• Participate in a discussion on what we need to do to get there.</li> </ul>
	<p><b>Notes</b></p> <p>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.</p> <p>5 min talks (no questions)                  40 min Q &amp; A session for all speakers</p>	<p><b>Speakers</b></p> <ul style="list-style-type: none"> <li>• <i>In the year 2025... will recreational fishing be alive...</i>, <b>Bill Sawynok</b></li> <li>• <i>A grass roots perspective – more fish and more access</i>, <b>Ken Thurlow</b></li> <li>• <i>Australian fishing media's vision of sustainable recreational fisheries in the 2030's</i>, <b>Ben Diggles</b></li> <li>• <i>Future sustainable game fishing for pelagic species – considerations</i>, <b>Graham Williams</b></li> <li>• <i>Recreational fishers: the champions for fish habitat rehabilitation?</i>, <b>Liz Baker</b></li> <li>• <i>MPAs vision for the future is focused on conservation of marine biodiversity</i>, <b>Brendan Kelaher &amp; Adrian Toovey</b></li> <li>• <i>Recreational fishing – fish for the future</i>, <b>Bryan van der Walt &amp; Cameron Westaway</b></li> <li>• <i>Research challenges arising from differing stakeholder objectives and perceptions</i>, <b>Aldo Steffe</b></li> </ul>
1715-1730	<p><b>Closing Remarks</b></p>	<p><b>Patrick Coutin, ASFB President</b></p>

## APPENDIX 4: CONFERENCE PROGRAM

### 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
0840	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 Room: Pavilion Ballroom A Chair: Doug Ferrell Sponsored by NSW Recreational Fishing Trusts	Early Life History & Oceanography Room: Promenade Room 1 Chair: Jeff Leis Sponsored by Department of Fisheries Government of Western Australia	Freshwater Fish – Macquarie Perch Room: Pavilion Ballroom B Chair: Karina Hall Sponsored by Murray-Darling Basin Commission
1055	Thirty years down the line: changes in the recreational fishery in the Blackwood estuary, south-western Australia Lynnaeth Beckley	Unique replicates or like chalk 'n cheese? The Leeuwin versus the east Australian current Iain Suthers	Evolution and maintenance of divergent lineages in an endangered freshwater fish, Macquaria australasica Leanne Faulks
1115	Where have all the fishers gone?: declining participation trends in recreational fishing in Queensland Kara Dew	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 Silvana Acevedo	Distribution of the threatened Macquarie perch (Macquaria australasica) within the Hawkesbury-Nepean catchment, NSW Andrew Bruce
1135	NSW gamefish tournament monitoring - past, present and future Danielle Ghosh (nee Williams)	Is the abundance of amphichromous fish determined by juvenile production? Gerry Closs	Predicting movement to Macquarie perch Sonia Hugh
1155	The WA recreational logbook program – evaluation of progress after three years Kim Smith	Pulsed environmental events and temporal variability in otolith chemistry Benjamin Wather	The loss of emergent macrophytes: a housing crisis for Macquarie perch? Katie Ryan
1215	A boom and bust recreational scallop fishery Sean Tracey	Do spawning patterns affect recruitment of snapper (Pagrus auratus) in northern Spencer Gulf Richard Saunders	A research program for Macquarie perch in response to the construction of a new dam Mark Lintermans

## 1235 Lunch in Trade &amp; Poster Area Bellevue Terrace

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

## 1430 Afternoon Tea in Trade &amp; Poster Area Bellevue Terrace

	<b>Fisheries Management</b> Room: Pavilion Ballroom A Chair: Jeremy Lyle Sponsored by NSW Recreational Fishing Trusts	<b>Reproduction &amp; Growth</b> Room: Promenade Room 1 Chair: John Stewart Sponsored by Department of Fisheries Government of Western Australia	<b>Fish Movements/Otolith Microchemistry</b> Room: Pavilion Ballroom B Chair: Bronwyn Gillanders Sponsored by Murray-Darling Basin Commission
1500	Management for sustainable fisheries - strengthening regional and national capacity in the Pacific Gordon Anderson	Studies of 'gills, guts and gonads.' Is classical fisheries biology no longer important or more crucial than ever? Alex Hesp	High connectivity of coastal fish farms through wild fish migrations may limit coastal aquaculture Tim Dempster
1520	A Rolls Royce for the poor? Introducing a quota management system to a small-scale reef fishery Philippe Ziegler	Inter-annual and spatial variations in the spawning patterns of sardine, Sardinops sagax, off southern Australia Tim Ward	The potential use of otolith shape and microchemistry to distinguish Cod species (Genus Pseudophycis) in the diet of Australian fur seals Jodie Kemp
1540	A bio-economic management strategy evaluation of a multi-species, multiple-fleet fishery Matthew Ives WITHDRAWN	Reproductive biology of the Goolwa cockle Donax deitoides in the Coorong region, South Australia Coby Mathews	Recruitment and migration pattern in New Zealand trout populations – an analysis using otolith microchemistry Tobias Bickel
1600	Assessing and improving spatial harvest strategies to facilitate stock recovery in the Gulf St Vincent Prawn Fishery Shane Roberts	Reproduction and growth of dusky flathead (Platycephalus fuscus) in NSW estuaries Lachlan Barnes	Age-related movement patterns and population structuring in southern sea garfish (Hyporhamphus melanochir) inferred from otolith chemistry Mike Steer
1620		Spatial variation in growth and condition of Victorian black bream, Acanthopagrus butcheri Kathryn Hassell	Evidence for fine-scale population structure in the eastern Australian salmon (Arripis trutta) stock provided by otolith chemistry 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 Room: Pavilion Ballroom A Chair: Lynnath Beckley Sponsored by NSW Recreational Fishing Trusts	Ageing & Growth Room: Promenade Room 1 Chair: Anthony Fowler Sponsored by Department of Fisheries Government of Western Australia	Freshwater Fish Room: Pavilion Ballroom B Chair: Mark Lintemans Sponsored by Murray-Darling Basin Commission
0830	Developments in using aerial fishing effort surveys to scale up observed harvests <b>Bruce Hartill</b>	Telomere Length: a potentially non-lethal fish ageing tool? <b>Christopher Izzo</b>	Sustainable Rivers Audit: a river health check for the Murray-Darling Basin <b>Michael Wilson</b>
0850	Trends in Queensland's recreational fishing catch, harvest and release <b>Stephen Taylor</b>	Density-dependent growth, evidence, complexities and management implications <b>Athol Whitten</b>	When good wetlands turn bad - the plight of the Murray hardyhead <b>Iain Ellis</b>
0910	Gone fishing? - Using recreational fish catch data to assess trends in fish stocks in Queensland <b>Jan-Olaf Meynecke</b>	Growth of the Eastern school prawn <i>metapenaeus macleayi</i> in New South Wales waters <b>Steve Montgomery</b>	Distribution and habitat preferences of freshwater catfish <i>Tandanus tandanus</i> within Washpen Creek <b>Rohan Rehwinkel</b>
0930	Do club-based anglers have a disproportionately large influence on estimates of total fishing catch and effort estimates in a recreational fishery? <b>Jeff Murphy</b>	Systems and methodologies for accurate fish ageing at NSW DPI <b>William Robbins</b>	Investigating the distribution and abundance of fish assemblages in the Moonie River, Upper Murray-Darling Basin, using <i>Macquana Ambigua</i> as an indicator species <b>David Sternberg</b>
0950	Monitoring recreational catch in remote Queensland - a change in tactics <b>Brenda Foley</b>	Evidence for age-class truncation in exploited populations of coastal fish in New South Wales <b>John Stewart</b>	Rediscovery of the southern purple-spotted gudgeon from the lower River Murray <b>Michael Hammer</b>

1010 Morning Tea in Trade &amp; Poster Area Bellevue Terrace

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

1220 Lunch in Trade & Poster Area Bellevue Terrace



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

1500 Afternoon Tea in Trade & Poster Area Bellevue Terrace

	<p><b>Survival, Restocking, Enhancement &amp; Habitat</b>            Room: Pavilion Ballroom A            Chair: Matt Taylor            Sponsored by NSW Recreational Fishing Trusts</p>	<p><b>Fisheries Management &amp; Biology</b>            Room: Promenade Room 1            Chair: Kevin Rowling            Sponsored by Department of Fisheries Government of Western Australia</p>	<p><b>Freshwater &amp; Estuarine Flows</b>            Room: Pavilion Ballroom B            Chair: Will Macbeth            Sponsored by Murray-Darling Basin Commission</p>
1530	Habitat complexity affects habitat preference and predation mortality in postlarval eastern king prawns: implications for stock enhancement <b>Faith Ochwada</b>	A new approach for managing the data, information and knowledge associated with the resource assessment of multi-species fisheries <b>James Scandol</b>	Freshwater fish and environmental flows in the Macquarie Marshes <b>Thomas Rayner</b>
1550	Edge effects in patchy seagrass habitats: using video to sample mobile species <b>Timothy Smith</b>	Stock assessment of the Australian East Coast spanish mackerel fishery <b>Alexander Campbell</b>	Environmental flow releases – effects on the lower Gwydir fish community <b>Tobias Bickel</b>
1610	Fish Responses to seagrass habitat fragmentation <b>Peter Macreadie</b>	A preliminary consideration of bycatch issues in South Australia's most complex fishery <b>Anthony Fowler</b>	The influence of wet season freshwater flow on the movement of barramundi (Lates calcarifer) caught in a dry tropical estuary <b>Sandra O'Sullivan</b>
1630	Succession of macroalgal communities on estuarine artificial reefs <b>Rob McKenzie</b>	An ecosystem study of the eastern tuna and billfish fishery <b>Jock Young</b>	The influence of freshwater flow on salt-wedge dynamics and fisheries productivity in the Gippsland Lakes <b>Joel Williams</b>
1650	Implications of barotraumas on the release of black jewfish ( <i>Protonibea diacanthus</i> ) <b>Mark Grubert</b>	Ecological effects of longlining and climate change on the pelagic ecosystem off eastern Australia <b>Shane Griffiths</b>	Impacts of freshwater flow on catch rates of estuarine fisheries resources in NSW <b>Jonathan Gillson</b>
1710	Conference close Pavilion Ballroom		
1815	Pre-Dinner drinks and Award Presentations Rooftop Deck		
1900	Conference Dinner Rooftop Deck		

## APPENDIX 5: WORKSHOP EVALUATION



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### 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 / Government – 2 attendees with the following breakdown:

- 1 Student
- 1 Student / Researcher

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



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**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
1. Review of Recreational Fisheries Research and Management	52	23	4	2
2. Aquatic Resource Management and Recreational Fisheries Research	40	37	3	1
3. Recreational Fisheries Research Methods	54	18	9	
4. Recreational Fisheries Research and Management - 2028	31	36	10	4

**C. Please answer the following:**

1. Did the workshop expose you to ideas or approaches that were unfamiliar to you but maybe relevant to your area of interest/expertise?
2. 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
1. Review of Recreational Fisheries Research and Management	55	25	5
2. Aquatic Resource Management and Recreational Fisheries Research	46	18	11
3. Recreational Fisheries Research Methods	54	33	11
4. 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 it was rehashing already established issues without many new solutions raised



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**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 habitat 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



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- 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





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- 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. Too much emphasis on the issue rather than 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



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- 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 on 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





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- 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



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- 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



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### 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	RATING					
	Excellent					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	RATING					
	Excellent					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



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- 
- 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



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- 
- 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; arctic aircon
  - Poster sessions needs better integration into the conference; poster contributors may have been dis-satisfied
  - The lunches!



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### 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.

**Other titles in this series:****ISSN 1440-3544 (NSW Fisheries Final Report Series)**

- No. 1 Andrew, N.L., Graham, K.J., Hodgson, K.E. and Gordon, G.N.G., 1998. Changes after 20 years in relative abundance and size composition of commercial fishes caught during fishery independent surveys on SEF trawl grounds.
- No. 2 Virgona, J.L., Deguara, K.L., Sullings, D.J., Halliday, I. and Kelly, K., 1998. Assessment of the stocks of sea mullet in New South Wales and Queensland waters.
- No. 3 Stewart, J., Ferrell, D.J. and Andrew, N.L., 1998. Ageing Yellowtail (*Trachurus novaezelandiae*) and Blue Mackerel (*Scomber australasicus*) in New South Wales.
- No. 4 Pethebridge, R., Lugg, A. and Harris, J., 1998. Obstructions to fish passage in New South Wales South Coast streams. 70pp.
- No. 5 Kennelly, S.J. and Broadhurst, M.K., 1998. Development of by-catch reducing prawn-trawls and fishing practices in NSW's prawn-trawl fisheries (and incorporating an assessment of the effect of increasing mesh size in fish trawl gear). 18pp + appendices.
- No. 6 Allan, G.L. and Rowland, S.J., 1998. Fish meal replacement in aquaculture feeds for silver perch. 237pp + appendices.
- No. 7 Allan, G.L., 1998. Fish meal replacement in aquaculture feeds: subprogram administration. 54pp + appendices.
- No. 8 Heasman, M.P., O'Connor, W.A. and O'Connor, S.J., 1998. Enhancement and farming of scallops in NSW using hatchery produced seedstock. 146pp.
- No. 9 Nell, J.A., McMahon, G.A. and Hand, R.E., 1998. Tetraploidy induction in Sydney rock oysters. 25pp.
- No. 10 Nell, J.A. and Maguire, G.B., 1998. Commercialisation of triploid Sydney rock and Pacific oysters. Part 1: Sydney rock oysters. 122pp.
- No. 11 Watford, F.A. and Williams, R.J., 1998. Inventory of estuarine vegetation in Botany Bay, with special reference to changes in the distribution of seagrass. 51pp.
- No. 12 Andrew, N.L., Worthington D.G., Brett, P.A. and Bentley N., 1998. Interactions between the abalone fishery and sea urchins in New South Wales.
- No. 13 Jackson, K.L. and Ogburn, D.M., 1999. Review of depuration and its role in shellfish quality assurance. 77pp.
- No. 14 Fielder, D.S., Bardsley, W.J. and Allan, G.L., 1999. Enhancement of Mulloway (*Argyrosomus japonicus*) in intermittently opening lagoons. 50pp + appendices.
- No. 15 Otway, N.M. and Macbeth, W.G., 1999. The physical effects of hauling on seagrass beds. 86pp.
- No. 16 Gibbs, P., McVea, T. and Loudon, B., 1999. Utilisation of restored wetlands by fish and invertebrates. 142pp.
- No. 17 Ogburn, D. and Ruello, N., 1999. Waterproof labelling and identification systems suitable for shellfish and other seafood and aquaculture products. Whose oyster is that? 50pp.
- No. 18 Gray, C.A., Pease, B.C., Stringfellow, S.L., Raines, L.P. and Walford, T.R., 2000. Sampling estuarine fish species for stock assessment. Includes appendices by D.J. Ferrell, B.C. Pease, T.R. Walford, G.N.G. Gordon, C.A. Gray and G.W. Liggins. 194pp.
- No. 19 Otway, N.M. and Parker, P.C., 2000. The biology, ecology, distribution, abundance and identification of marine protected areas for the conservation of threatened Grey Nurse Sharks in south east Australian waters. 101pp.
- No. 20 Allan, G.L. and Rowland, S.J., 2000. Consumer sensory evaluation of silver perch cultured in ponds on meat meal based diets. 21pp + appendices.
- No. 21 Kennelly, S.J. and Scandol, J. P., 2000. Relative abundances of spanner crabs and the development of a population model for managing the NSW spanner crab fishery. 43pp + appendices.
- No. 22 Williams, R.J., Watford, F.A. and Balashov, V., 2000. Kooragang Wetland Rehabilitation Project: History of changes to estuarine wetlands of the lower Hunter River. 82pp.
- No. 23 Survey Development Working Group, 2000. Development of the National Recreational and Indigenous Fishing Survey. Final Report to Fisheries Research and Development Corporation. (Volume 1 – 36pp + Volume 2 – attachments).
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