



Member's report on activities related to ICRI

Reporting period October 2013 – September 2014

1. Updates on your activities.

Project 1

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| Cornerstone(s) implemented through the project | Check all that apply: <input type="checkbox"/> Integrated Management <input checked="" type="checkbox"/> Capacity Building <input checked="" type="checkbox"/> Science & Monitoring <input checked="" type="checkbox"/> Periodic Assessment (Review) |
| Project Title | Advancing reef fishery monitoring and management in the Western Pacific with special emphasis on preserving aggregating fish species |
| Location | Fiji and Palau |
| Dates | January 2014 – June 2015 |
| Main Organizer(s) | SCRFA |
| Main Stakeholder(s) | Government, NGOs |
| Description of Project (Please elaborate on how the project implements the FFA cornerstones) | <p>The project consolidates and expands work over the past 8 years in Fiji and Palau to assist workers, NGOs and governments to advance coastal fisheries monitoring initiatives and management in general, and the preservation of aggregating fish species in particular.</p> <p>The work involves development of a fishery data collection protocol and training, the establishment of informal advisory groups in each country focusing on spawning aggregation research and management needs, and the ongoing assessment of at least one spawning aggregation as a core case study on aggregations as indicators of fishery status and management outcome.</p> |
| Outcome (Expected outcome) | <p>Surveys of fish aggregation sites at Ebiil, Palau to assess 6 years of aggregation protection.</p> <p>Workshops held in Fiji and Palau to enable simple fishery, including aggregation, data to be collected.</p> <p>Collection of fish length data from aggregations for data-poor modelling.</p> <p>Small in-country working groups being established.</p> |
| Lessons learned | Ongoing |
| Related websites (English preferred) | |

Project 2

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| Cornerstone(s) implemented through the project | Check all that apply: <input type="checkbox"/> Integrated Management <input checked="" type="checkbox"/> Capacity Building <input type="checkbox"/> Science & Monitoring <input type="checkbox"/> Periodic Assessment (Review) |
| Project Title | Snapper Spawn – short film |
| Location | Palau |
| Dates | January 2014 (release date) |
| Main Organizer(s) | SCRFA |
| Main Stakeholder(s) | Governments, NGOs, local community, Science/research organisations |
| Description of Project (Please elaborate on how the project implements the FFA cornerstones) | <p>During a recent SCRFA expedition in Palau, SCRFA filmed using high definition cameras a spectacular fish spawning aggregation.</p> <p>This species is a good example for understanding how evolutionary history, environmental conditions, human impacts, and habitat combine to shape the behavioral dynamics of fish spawning aggregations. The fish choose the locations and phase of the moon to give the young the best chance of survival, something that has likely taken thousands of years to fine tune, but can be decimated in a short time by overfishing.</p> |
| Outcome (including expected outcome) | <p>"Snapper Spawn", by SCRFA won the "Documentary" Short for Internet Category Award at the Reef Renaissance Film Festival in July 2014.</p> <p>The film was screened at the gala event in St Thomas, US Virgin Islands, in celebration and promotion of World Oceans Day. Currently there have been over 1700 hits on the Vimeo web site.</p> <p>Using this film as a base, SCRFA is producing a larger documentary on the world's fish aggregations. Due for release mid 2015.</p> |
| Lessons learned | Professional products with simple messages can be produced by small NGOs on a low budget. |
| Related websites (English preferred) | www.SCRFA.org |

Project 3

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| Cornerstone(s) implemented through the project | Check all that apply: <input type="checkbox"/> Integrated Management <input type="checkbox"/> Capacity Building <input checked="" type="checkbox"/> Science & Monitoring <input checked="" type="checkbox"/> Periodic Assessment (Review) |
| Project Title | SCRFA Fish Aggregation Database |
| Location | Global |
| Dates | Since 2002, Ongoing |
| Main Organizer(s) | SCRFA |
| Main Stakeholder(s) | Governments, NGOs, local community, Science/research organisations |
| Description of Project (Please elaborate on how the project implements the FFA cornerstones) | The database is an online global resource containing information on fish aggregations in 44 countries. The database is constantly being updated and expanded. Current work on the database involves updating the functionality to output key global trends. We are increasing the visibility and utility of the database generally by adding further records, analyse trends, and produce robust and substantiated analyses and predictions about fish aggregations globally and |

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| | <p>associated fisheries.</p> <p>Using information such as “Traditional Knowledge” and align these with the science gained from studying specific sites we are providing an overview management approaches and their effectiveness.</p> <p>We are examining data for patterns of timing and duration of aggregation seasonality, based on which predictions may be possible about aggregations elsewhere and possible variability over time and in the face of climate change. Such information is particularly useful for temporal management of spawning aggregations.</p> |
| Outcome (including expected outcome) | Database now has about 900 records. A global status report will be provided to ICRI as part of the outputs of the ICRI Fisheries Ad Hoc Committee, for approval and distribution. |
| Lessons learned | Developing such a useful tool has taken considerable volunteer time, without which this project would be cost inhibitive. |
| Related websites (English preferred) | www.SCRFA.org |

Project 4

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| Cornerstone(s) implemented through the project | <p>Check all that apply:</p> <p><input type="checkbox"/> Integrated Management <input checked="" type="checkbox"/> Capacity Building</p> <p><input type="checkbox"/> Science & Monitoring <input type="checkbox"/> Periodic Assessment (Review)</p> |
| Project Title | SCRFA Student Award |
| Location | Gulf of Mexico and Caribbean |
| Dates | November 2013 - ongoing |
| Main Organizer(s) | SCRFA |
| Main Stakeholder(s) | Governments, NGOs, local community, Science/research organisations |
| Description of Project (Please elaborate on how the project implements the FFA cornerstones) | <p>Each year SCRFA grants a “<i>SCRFA Student Travel Award</i>” to a university student working in the Gulf of Mexico or Caribbean Region to present their work at the <i>Gulf and Caribbean Fisheries Institute</i> annual meeting.</p> <p>The SCRFA Award is to encourage and help students to work on fish aggregations and show case their ideas and work to government, NGOs, researchers and fishers attending the GCFI meeting.</p> |
| Outcome (including expected outcome) | <p>In November 2013, SCRFA awarded a Masters student from the University of US Virgin Islands to attend 67th GCFI in Texas.</p> <p>The 2014 award will be presented to a PhD student from Scripps Institution of Oceanography to attend the 68th GCFI meeting in Barbados.</p> |
| Lessons learned | Providing an opportunity for up-coming marine science and management professionals to interact with professionals working in this field is extremely important for progress in coral reef conservation. |
| Related websites (English preferred) | www.SCRFA.org |

2. Contribution to the ICRI Plan of Action and GM.

a. Engaging other sectors

[Insert text here]

b. Reef zoning for multiple use

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| Location where a zoning plan has been implemented | |
| Year when the zoning plan was implemented | |
| Is the zoning plan accepted by the local community? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Did the zoning plan cause conflicts among stakeholders? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Did the zoning plan resolve conflicts among stakeholders? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Has there been effective enforcement for stakeholders to follow the zoning plan? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Overall, how would you rate the success of the zoning plan? | <input type="checkbox"/> Very successful <input type="checkbox"/> Somewhat successful <input type="checkbox"/> Not so successful <input type="checkbox"/> Unsuccessful |

In light of the questions above, please elaborate on your experience with *reef zoning* and lessons learned.

[Insert text here]

3. Publications.

| Title (incl. author and date) | Website URL if available | Type of publication (Paper, report, etc.) |
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4. General Information.

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| Member type (Country / Organization): | Science and Conservation of Fish Aggregations (SCRFA) |
| Focal Point 1: | |
| Name: | Martin Russell |
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| Focal Point 2: | |
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