

# **Summary Report on Train of Trainers on SILMMA Community Based Monitoring Protocols**

13<sup>th</sup> – 14<sup>th</sup> November 2012  
Nusatupe, Western Province  
Solomon Islands



Compiled by:  
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April 2013

## Community-based Monitoring Principles\*

The following guiding principles have been discussed and adopted by the partners for community-based monitoring protocols for some key species and habitats.

1. Communities must be clear about why, how and what type of data need to be collected and for who.
2. Maintain scientific monitoring principles so that data is reliable for community Marine Resources Management and awareness purposes, for example, importance of replication, use of control sites, site selection and stratification (where necessary)
3. Community must use the appropriate methods for data collection/analysis and be clear about what results are expected.
4. Community monitoring is targeted for the following **objectives**:
  - **Participation, involvement and education**
  - **Awareness at the community level**
  - **To help the community to make management decisions**
  - **Monitoring and evaluation for projects and country network**
5. Community monitoring should be as much as possible be voluntary but in the future SILMMA may aim to be in a position to facilitate incentives if community meets certain requirements e.g. Registration, Management Plan, Commitment to monitoring etc.
6. If community based monitoring is done well it can also support government and other Institutions' monitoring initiatives
7. Involve provincial Fisheries Officers

\* The above is taken out of the Community based Monitoring Protocols Manual.

## **Introduction**

In May 2010, the Nature Conservancy in Collaboration with Solomon Islands Locally Managed Marine Area network (SILMMA) and other SILMMA Network partners such as WWF Solomon Islands program, FSPI, WorldFish, Tetepare Descendants Association, Roviana Conservation Foundation, The University of Queensland, LLCTC/ACMCA and the Solomon Islands Government (MFMR/MECM) came together in a workshop which was purposely to have a focused consultative stakeholders review and discussion of the monitoring protocols currently in use by communities within the SILMMA Network, and to discuss the objectives and goals of community monitoring.

From this workshop, a manual of Community based Monitoring Principles and standard Methodologies (Protocol) was produced for the SILMMA Network. The participants of this workshop had a common understanding of the different objectives of community-based monitoring and what protocols are suitable to meet those objectives.

However, since the production of the SILMMA Community based Monitoring Protocol Manual, no SILMMA Network partners has ever used it. With the aim of ensuring SILMMA Network partner communities (and future members) have a standard protocol readily available for use and at the same time to test this SILLMA Community based Monitoring Protocol in terms of it suitability and effectiveness as a monitoring tool, WWF organized and facilitated this Train or Trainers workshop, using the expertise of locally based personnel.

This Train or Trainers workshop was held at the WorldFish field station at Nusatupe, in Western Province on the 13<sup>th</sup> and 14<sup>th</sup> November, 2012.

## **Objectives of the Training Workshop**

The main objective of this Training workshop was to train MPA Managers and Practitioners in the SILMMA Community based Monitoring Protocols (Methodologies) with the aim that those trained Managers and Practitioners will then pass on the skills learned to others at their respective MPA communities.

## **Workshop Participants**

The Training workshop brought together Mangers and Practitioners representing different MPA communities from Central Islands province, Guadalcanal province, Isabel province, Choiseul provinces and Western province. Appendix 2 provided more detailed information on the participants.

## **Summary of Results**

### ***Theory***

The theory part consisted of two sessions. First session involved participants receiving a lecture on why it is important to do Marine Management and Monitor Marine Resources. This session generated a lot

interest from the participants and there was a lot of discussion on the issues raised during the presentation at the end of the session. Second session covered the specific methods for Fish, Invertebrates and Coral monitoring. Specifically, the session outlined the specific details of the different survey methods, how the different surveys are conducted and many other important aspects about the different surveys. For example, surveying inside and outside of MPAs, the survey materials/gears needed and used for different surveys, species identification, data forms used, data collection or recording, safety, survey site selection, data storage and team work.

### ***Practical***

The practical sessions covered during the Training workshop included (i) dry demonstration of the different survey methods; (ii) introduction to water as well as trial run of methods; (iii) undertake the actual survey underwater which consisted of conducting three (3) transects within and outside of the WorldFish Nusatupe MPA; and (iv) data analysis. Overall, most of the participants were very competent and showed they are confident of training others the skills they have acquired through the Training.



A



B

**Figure 1 (A & B):** Participant conducting basic data analysis on the data they collect during the practical session (A) and participants with their certificates at the end of the Training (B).

### **Recommendations**

A number of recommendations are made following this Training. These include:

- (1) The focus should be on trying to get each of the steps of a successful monitoring program in place first. It will be important to have communities and SILMMA collecting data and thinking about how that data is stored before thinking about data analysis and reporting. It is recommended therefore to focus on getting the methods manual printed, more methods training conducted and monitoring equipment provided first to communities.
- (2) The training provided was high quality and we feel the participants gained the skills needed to pass on this knowledge to others. However to keep the information fresh in participants minds it needs to be

practiced and used within first few weeks of returning to their MPAs. However many participants lacked the basic equipment (mask, underwater paper, slates, transect tape). So we recommend that these materials are provided to SILMMA members for future training workshops.

(3) As more SILMMA partners and communities are trained and started doing the monitoring (data collection), SILMMA then should start looking into conducting a Training in Data Analysis so communities can use their own data during the training.

(4) It will be a worthwhile effort too to consider printing a separate booklet/manual on the Data Analysis component that can be kept as part of SILMMA resources and that can be used by communities when the time is right. As SILMMA Network progress into the future, communities may have the capacity to conduct data analysis and they can use the data analysis manual then to guide them. This manual will be useful for (2) above.

## **Acknowledgement**

The funds for this workshop was provided under the Coral Triangle Support Program (CTSP) and administered by World Wide Fund for Nature (WWF). Ms Lysa Wini and Mr Shannon Seeto of WWF assisted in coordinating and facilitating the logistics of the Training Workshop. We are grateful to WorldFish for allowing their Field Station at Nusatupe to be used as venue for the Training and also for allowing their MPA to be used for field survey practicals.

## Appendix 1: Training of Trainer Workshop Agenda

Day 1: Tuesday 13 Nov 2012		
Time	Activity	Resources
AM	Introduction and Theory  · Why Marine Management?  · Why Monitoring?  · What are specific methods for Fish, Invertebrate and coral monitoring?  Class room Demo – Transects	Power point presentation
PM	Practical: Introduction to water	Masks and Snorkel, Line Transect, Water Proof Data sheet, pencil and slates
Day 2: Wednesday 14 Nov 2012		
AM	Practical: Conducting 3 Transects (within and outside of MPA)	Masks and Snorkel, Line Transect, Water Proof Data sheet, pencil and slates
PM	Basic Data Analysis	Whiteboard or laptop



## Appendix 2: Training of Trainers workshop participants and part of signed attendance

Names	Organisation
1. Jacob Wale	GERUSA, Central Islands
2. Cornelius Vulu	Naro MPA, Guadalcanal Province
3. John Houakau	Marau MPAs, Guadalcanal Province
4. Henry Kaniki	FSPI
5. Lysa Wini	WWF-CTSP
6. Ben Salepo	Live and learn
7. Alopa Ghelly	Sairaghi, Gizo
8. Levi Tanavalu	Zinoa MPA (Choiseul)
9. Rubenson Kobu	Maringe Lagoon MPA, Isabel
10. Gideon Vata	Pasa MPA (Taro)
11. Troy Apusae	WWF Gizo
12. Kanto Waiato	Marau Community MPA
13. Leonard Norfor	Pasi Pasi Barego MPA, Taro
14. Rudie Bele	ACMCA (Arnavon)
15. Collin Gereniu	TNC
16. Tingo Leve	WWF/Gizo (Trainer)
17. Dr. Simon Albert	University of Queensland (Trainer)
18. Peter Ramohia	ADB CT Pacific Proj./MECDM (Trainer)


**Signin Form**

Title/Subject: Standardize Monitoring workshop

Date: 13/11/12

Location: NUSA TUPE - 6120

Type: Formal ☒ Informal ☐



	Name	Gender (M/F)	Institution/ Affiliation	Phone/ Email	Signature/ Thumbprint
1	TROY APUSAIE	M	WWF	60191	<i>[Signature]</i>
2	TINGO LEVE	M	WWF	7466966	<i>[Signature]</i>
3	ALOPO GHILLY	M	SAIRAGHI	8451607	<i>[Signature]</i>
4	BEN SALEPO	M	Live & Learn	845086	<i>[Signature]</i>
5	LEVI TANAVALLU	M	ZINOVA MPA CHOISEUL PROVINCE	7560368	<i>[Signature]</i>
6	JACOBIPANARA	M	CENTRAL PROVINCE Fisheries officer	7482375	<i>[Signature]</i>
7	LEONARD NORFOR	M	PASI PASI BAREGO CHOISEUL TARO	7634102	<i>[Signature]</i>
8	GIDEON VATA	M	PASA MPA CHOISEUL	7650470	<i>[Signature]</i>
9	RUBENSON KOBU	M	WEST MALIRE	7521203	<i>[Signature]</i>
10	RUDIE BELE	M	ARNAVON COMMUNITY MARINE CONSERVATION	7668230	<i>[Signature]</i>

# Signin Form

Title/Subject:	Standardize Monitoring workshop	
Date:	14/11/12	
Location:	NUSATUPE - GIZO	
Type:	Formal <input checked="" type="checkbox"/>	Informal <input type="checkbox"/>



	Name	Gender (M/F)	Institution/ Affiliation	Phone/ Email	Signature/ Thumbprint
1	Kanto Waiaro	M	MARAU M.P.A	7518827	<i>[Signature]</i>
2	LEONARD NORFOR	M	PASIPASI BAREGO M.P.A (TARD)	7634102	<i>[Signature]</i>
3	GIDEON VATA	M	PASA M.P.A	7650470	<i>[Signature]</i>
4	TROY APUSSE	M	NWF	7401640	<i>[Signature]</i>
5	TINGO LEVE	M	NWF	7466966	<i>[Signature]</i>
6	PETER RANOHIA	M	ADB/MECDM	8594436	<i>[Signature]</i>
7	Sivan Aht	M	VQ	7478667	<i>[Signature]</i>
8	Rudie Bele	M	ACMCA		<i>[Signature]</i>
9					
10					