



A bi-monthly electronic bulletin about interdisciplinary research, teaching and outreach at the Centre for Resource Management and Environmental Studies (CERMES)
Editors: Maria Pena and Dr. Patrick McConney

Barbados reef surveys underway

By Renata Goodridge

The CERMES team running the Coastal Zone Management Unit's (CZMU) Barbados Reef Surveys is comprised of six researchers, including Hazel Oxenford (CERMES Professor), Renata Goodridge (CERMES Senior Marine Technician), Alex Henderson (CERMES MSc student), Julian Walcott (Technical Officer, BIOPAMA), and researchers, Amy and Anabel Cox.



The dedicated and happy reef survey team. L to R: Julian, Anabel, Renata, Alex, Hazel and Amy

The surveys are conducted every five years on 47 reefs: 21 fringing, 16 patch and 10 bank reef sites. This year we have added some of the Global Coral Reef Monitoring Network's Caribbean node (GCRMN-Caribbean) protocols to the study. Alongside the benthics point intercept chain transects, Alex, Anabel and Julian are taking photos of the reef, and analyzing the benthics using the GCRMN photoquadrat methodology. Alex is also doing the macroalgae and recruits quadrats (along with some fish transects!). We are looking forward to checking the similarities/differences between the point intercept and photoquadrat methodologies once all the data have

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been collected. By the first week of September all reef surveys will be completed!

CERMES staff nominated for UWI PULSE Points

We are very pleased to announce that two of our staff, Lisa-Ann Rollins (Administrative Assistant – Projects and Planning) and Neetha Selliah (Programme Coordinator), have been nominated for Positioning the University to Lead through Service Excellence (PULSE) Points. PULSE Points is the UWI Cave Hill Employee Reward and Recognition Programme. Lisa-Ann and Neetha are being recognized for their commitment to the Campus' service values during recent interaction with our customers. Good on you ladies, you deserve it!



L to R: Lisa-Ann and Neetha

Fishermen's Day panel discussion

By Sanya Compton

The Barbados National Union of Fisherfolk Organisations' (BARNUFO) Fisherman's Day panel discussion was held on 29 June 2017 under the theme "Fisheries Contribution to Food Security in a Changing Climate." The panel comprised representatives from BARNUFO, the Fisheries Division, the Ministry of Agriculture, Caribbean Institute of Meteorology and Hydrology (CIMH) and CERMES. Sanya Compton, the CERMES representative, presented on the topic *An Ecosystem Approach to Fisheries (EAF)*. The presentation highlighted the EAF process and some of its misconceptions, as well as the participatory Small-Scale Fisheries (SSF) Guidelines protocol case study that is currently being conducted by CERMES in collaboration with the Caribbean Network of Fisherfolk Organisations (CNFO), Caribbean Regional Fisheries Mechanism (CRFM) Secretariat, and Caribbean Natural Resources Institute (CANARI). Other panelist topics included: *Implications of Climate Variability and Change for Fisheries Management in Barbados* (CIMH), *The Changing Socio-economic Climate in Barbados' Fishing Industry* (BARNUFO) and *The Contribution of the Barbados' Fishing Industry to Food Security in a Changing Climate* (Fisheries Division). An audience of about fifty persons, mainly fisherfolk, was fully engaged during the panel discussion, and a few fisherfolk participated in the CERMES-led SSF Guidelines priorities survey. Ms. Maria Pena from CERMES assisted with this effort.



L to R: Sanya Compton (CERMES), Shelly-Ann Cox (CIMH), Stephen Willoughby (Fisheries Division), and Sherlock King, Moderator (Ministry of Agriculture)

MSP in Suriname and Guyana

By Kimberly Baldwin



Kimberly Baldwin (standing centre) facilitating the WWF Marine Spatial Planning Workshop

As part of the on-going EU-funded project, *Promoting Integrated Ocean and Participatory Governance in Guyana and Suriname: the Eastern Gate to the Caribbean*, Kimberly Baldwin visited the ACP countries of Suriname and Guyana in July to share her experience and knowledge on Marine Spatial Planning (MSP), stakeholder engagement and the application of a Participatory GIS approach within the Caribbean region. World Wildlife Fund (WWF) Guianas is presently working with local partners to implement a four-year MSP process in both Suriname and Guyana. The MSP project will aim to enhance the knowledge of the marine environment and strengthen governance to safeguard biodiversity, enhance food security, protect livelihoods, increase resilience and support socio-economic development in the Guianas.

Central to this initiative is the application of an Ecosystem-Based Participatory GIS approach. Therefore the MSP project objectives support several of the Aichi targets, and will demonstrate that the use of a participatory approach, not only results in the effective creation of ecosystem-based data, but that targeted capacity-building throughout the MSP process will serve to improve conservation of biodiversity while also fostering economic activities compatible with ocean health and the communities who depend on these resources.

Hidden Harvest: ‘the concealed contribution’ of small-scale fisheries

By Patrick McConney

The FAO invited Patrick McConney and CERMES alumnus David Gill to participate, along with other marine scientists from around the world, in the *Workshop on improving our knowledge on small-scale fisheries: data needs and methodologies*, held in the FAO headquarters in Rome, Italy, from 27 to 29 June 2017.



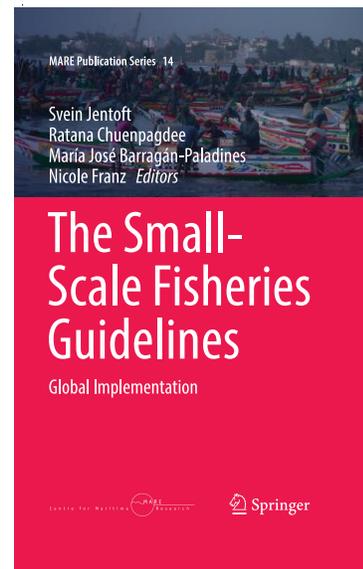
In 2012, the World Bank, FAO and WorldFish Centre published *Hidden Harvest: The Global Contribution of Capture Fisheries* as a review of the economic importance of fisheries, with considerable attention to small-scale fisheries as well. Although still a useful publication, the FAO and partners are seeking to refine and update the analyses and include additional dimensions of the contribution of small-scale fisheries to food security and nutrition, poverty reduction and the three pillars of sustainable development more broadly. Obtaining good data with which to do this, and interpreting the data most usefully, remains a challenge. CERMES will be engaged in this process which is critical to the Caribbean if we want global data sets and regional data sets to be linked for scaling up or down decision-making.

Big Book on the SSF Guidelines and more at MARE

By Patrick McConney

CERMES took part in the MARE ‘People and the Sea IX’ Conference that was held 5-7 July 2017 in Amsterdam, The Netherlands. The conference was preceded by meetings of the Too Big To Ignore (TBTI) small-scale fisheries research partnership in which CERMES also participated, pledging to contribute to developing resource material for the transdisciplinary fisheries course, as well as to assist in organizing the Third World Small-Scale Fisheries Congress in Thailand in 2018.

At the MARE conference, the CERMES Gender In Fisheries Team (GIFT) made a panel presentation on *Engendering awareness in the Caribbean*. GIFT member Lisa K. Soares delivered the talk (see following article), which was followed by lively discussion and led to networking for possible partnerships. Patrick McConney also gave a talk presenting the chapter authored with partners from CANARI and the CNFO. The chapter is about the Caribbean experience in the development and implementation of the SSF Guidelines mainly from a fisherfolk perspective. The hefty book, a TBTI output, was launched at the MARE conference.

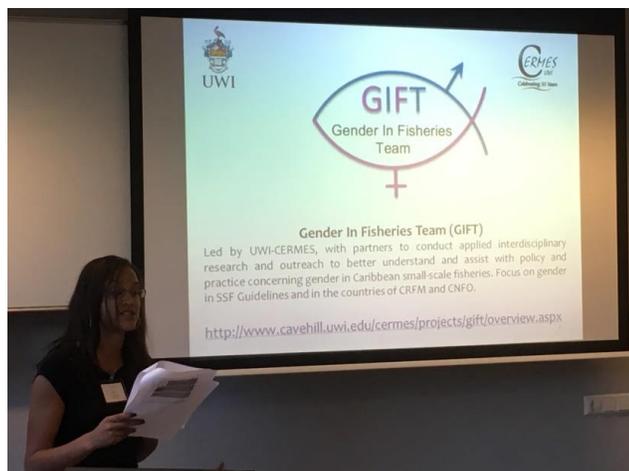


The chapter citation is:

McConney, P., T. Phillips, N. Nembhard and M. Lay. 2017. Caribbean Fisherfolk Engage the Small-Scale Fisheries Guidelines. Pp. 451-472 in S. Jentoft, R. Chuenpagdee, M. Barragán-Paladines and N. Franz. (Eds) *The Small-Scale Fisheries Guidelines: Global implementation*. Springer, Cham: MARE Publication Series 14.

GIFT outputs presented at MARE

By Lisa K. Soares



Lisa presenting the GIFT at MARE

The MARE Conference, People and the Sea IX: *'Dealing with Maritime Mobilities'* was held in Amsterdam, Netherlands from 5-7 July. The conference was well represented with over 275 global delegates (academics and policy practitioners). Patrick McConney and I were in attendance representing CERMES and the Gender in Fisheries Team (GIFT).

On 6 July, on the *Gender/Women Relations within Coastal and Fisheries Communities: From Past to Present II* panel, I had the opportunity to represent GIFT and present our outputs to date. The presentation focused in on the "what" and "why" of GIFT. It provided insights into our outputs via community outreach and engaging the SSF Guidelines. The 2016 International Women's Day poster, the 2017 4 Leading Ladies in Caribbean Fisheries Calendar, as well as our participation in the 2017 Women in Fisheries Forum (and partnership with AKTEA – European Network of Women in Fisheries and Aquaculture) were highlighted. On the policy front, the SSF Guidelines Protocol to the Caribbean Community Common Fisheries Policy (CCCFP), as well as our preliminary findings from the Caribbean Gender Scoping Report were introduced. The presentation and our findings were well received, opening opportunities for new partnerships.

Protocol on the SSF Guidelines for the Caribbean Community Common Fisheries Policy (CCCFP)

By Patrick McConney



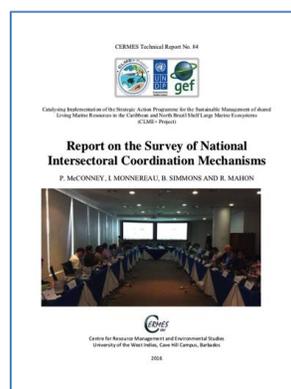
We have created a [new web page](#) for the project on the *Small-Scale Fisheries (SSF) Guidelines Protocol*. On it you will find all of the project outputs available for download as well as the survey of priorities for the protocol. The Caribbean Fisheries Forum and the Ministerial Council of the

Caribbean Regional Fisheries Mechanism (CRFM) have endorsed the protocol's fisherfolk-focused participatory process. Several CERMES Policy Perspectives serve as policy briefs to inform the initiative to strengthen the CCCFP.

National Inter-sectoral Coordinating Mechanisms (NICs)

Now available for download from the CERMES website is the following [report](#) produced by CERMES:

McConney, P., I. Monnereau, B. Simmons and R. Mahon. 2016. *Report on the Survey of National Intersectoral Coordination Mechanisms*. Centre for Resource Management and Environmental Studies, The University of the West Indies, Cave Hill Campus, Barbados. CERMES Technical Report No. 84:75pp.



Coming soon to several websites will be the guidelines for successful NICs compiled from this report for the CLME+ Project (2015-2020) by Research Assistant, Sanya Compton. These outputs are all part of CERMES engagement in ocean governance. For access to several publications on this

topic visit the CERMES web page on [Ocean Governance in the Wider Caribbean Region and Beyond](#)