

## Oceans and Coasts Newsletter

Exchange of information, knowledge and expertise on oceans and coasts  
A service by the Task Team Oceans and Coasts

Issue No. 2  
May 2017

Dear readers,

our first issue of the Oceans & Coasts Newsletter that was released in February this year received a lot of positive feedback and interest. Not only GIZ colleagues, but also other external experts submitted requests for being included in the mailing list. Thank you all for that interest and support!

However, please note that the task team cannot alter the mailing list. We therefore kindly request to use this [link](#) to subscribe. Unfortunately, because of legal and administrative issues, we cannot include non-GIZ staff in the mailing list. Still, you are most welcome to disseminate each issue informally.

Preparations for the High-Level United Nations Conference to support the implementation of SDG 14 in New York, June 5th to 9th, 2017, are under way. GIZ is represented by staff from the Sector program "Implementing the Biodiversity Convention" and Section 4D00 "Climate Change, Rural Development, Infrastructure" in support of the German BMZ Delegation, and Blue Solutions on behalf of the BMUB. Most of [our contributions](#), for instance the Blue Solutions Corner, the Global Sustainable Seafood Initiative (GSSI) and the Partnership for Regional Ocean Governance (PROG) on regional approaches in the light of the 2030 Agenda, will take place at the German House, next to the UN Campus. However, GIZ will also be co-partner for official side events, e.g. with FAO regarding a presentation on sustainable small scale fisheries and capacity development with NOAA and ZMT.

In addition, we would like to bring your attention to the FATA 2017, a joint event of the thematic sectors "Rural Development" and "Water" that will take place in Bad Neuenahr from 3rd to 7th July 2017. The [agenda and information](#) on thematic workshops and contributions are available for 'Leave no one behind - Resource shortage in times of increasing social inequality'.

Wishing you an interesting read with a big thank you to all contributors! Please, do not hesitate to submit us your comments or recommendations to further improve this newsletter.

Let's keep it up and enjoy this issue!

Your Task Team Oceans & Coasts

Editorial:

Mecki Kronen (4D20, Forest, Biodiversity, Agriculture)  
Ilona Porsché (Blue Solutions Project, G330, Environment, Biodiversity, Forest)

GIZ staff newsletter.  
For internal  
communication only!

### Vacancies

[Juniorberater \(m/w\)](#) im Vorhaben Schutz und integriertes Management von Meeres- und Küstenbiodiversität

Application Deadline: 19.05.2017  
Contact: [Anna Wolf](#)

### Publications

#### ■ How to save the Mekong Delta?

"Climate change has a dramatic impact on the Mekong Delta, the "rice bowl of Vietnam". Official studies suggest that by the year 2100, up to 39 % of the region could be inundated by the ocean, which would have serious consequences not only for its 17 million inhabitants. The Mekong Delta produces rice for 245 million people worldwide and thus plays a vital role in ensuring global food security."

By Severin Peters and Christian Henckes, D+C e-Paper no. 4 2017, 2017/04, Page 28

[Read more.](#)

#### ■ FAO Fisheries and Aquaculture Technical Paper No. 603:

Marine protected areas: Interactions with fisheries

Anneli Ehlers (SV Support to Responsible Fisheries and Aquaculture, G510)  
Patrick Schwab (SV Implementation of the CBD, G330, Environment,  
Biodiversity, Forest)

Technical assistance:

Traute Pott (Intern, 4D20)  
Mecki Kronen (Senior Technical Planner, 4D20)

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## Recent Events

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## Conferences

Berlin, Germany

### Cruise Tourism and Marine Conservation in the Caribbean at the ITB, Berlin

At the ITB International Tourism Convention in Berlin on the 9th of March, representatives of the cruise industry, civil society and cruise destinations discussed about "[Cruise Tourism – Fair for Environment and People? Setting Sails towards more Sustainability](#)". In addition, a one year pilot project has started with the local government of Cozumel, Mexico. The aim is to coordinate stakeholders of different cruise destinations in the Mesoamerican Reef, second largest coral reef worldwide, in order to promote an ecologically and socially more sustainable cruise tourism in the region. A baseline study on the social and environmental impacts of cruise tourism in the Caribbean will soon be finalized.

For more information please contact [Linda Bausch](#) (Advisor).

Paris, France

### Marine Spatial Planning – 2nd International MSP Conference



From March 15-17 2017, the 2nd international conference on MSP organized by the European Commission (DG MARE) in cooperation with UNESCO-IOC and co-funded by GIZ took place in Paris.

More than 350 experts from all over the world came together in Paris to take stock of existing MSP processes, reflect and exchange best practices, encourage cooperation among countries sharing coastal and marine waters, and establish priorities for the coming years.

The main result of the conference is a joint [road map](#) with the aim to accelerate spatial planning (MSP) in all the seas and ocean basins of the world.

Please visit the [Blue Solutions website](#) for more information on the 2nd International MSP Conference or contact

livelihoods and food security.

[Read more.](#)

### Upcoming Events

■ [May 25-26, 2017](#) Osaka, Japan  
6th Global Summit on  
Aquaculture & Fisheries  
Theme: To Create and  
Disseminate the Knowledge of  
Aquatic Resources

■ [5-9 June 2017](#), New York  
UN Ocean Conference

■ [5-9 June 2017](#), New York  
Ocean Conference Side Event

### The Coral Triangle – Partnerships to Achieve SDG 14 (and more!!!) in the World's Epicenter of Marine Biodiversity – SDG14 Ocean Conference Side Event

The Coral Triangle Initiative on Coral Reefs, Fisheries & Food Security (CTI-CFF) will make significant contributions to the Oceans Conference by demonstrating the expanding number of partnerships to "Conserve and sustainably use oceans, seas and marine resources" to sustainably manage and protect marine ecosystems, encourage responsible industries e.g. fishing and tourism, increase effectiveness of marine protected and managed areas and increase social and economic benefits from sustainable use of marine resources. It will be a venue for existing members and partners to renew their commitment to the CTI-CFF, and to welcome new commitments and partnership opportunities, including engaging with the private sector on fisheries and marine tourism, the CTI-CFF University Partners.

For further information please contact the Sulu-Sulawesi Seascape Project director [Franca Sprong-Wijnreder](#)

■ [5 June 2017](#), New York  
UN Ocean Conference Side  
Event

13:15-14:45

[Jan Kleine Büning](#) (Advisor) and [Gunnar Finke](#) (Advisor).

## Regional Workshops

Clark, Philippines

### Sulu-Sulawesi Seascape Project Promotes Regional Marine Turtle Research



Marine turtle specialists from Indonesia, Malaysia and the Philippines shared latest updates on research and conservation efforts from 23-24 February 2017 in Clark, Philippines. The regional exchange provided opportunity to discuss developments in protecting critical habitats, particularly nesting and foraging sites in the Sulu-Sulawesi Seascape. The Marine Research Foundation presented results of satellite tracking, genetic research and laparoscopy. Genetic studies revealed that stocks originating from Australia and Japan forage in the Sulu-Sulawesi thereby demonstrating the global significance of the seascape.

As culmination, participants identified innovative ways of collaborating at the national and regional level to protect all life stages of endangered marine turtle species through research, information-sharing, and networking.

[Here](#) you can find our research results. For further information please contact: [Franca Sprong-Wijnreder](#) (Project Director)

Saint Lucia

### Regional Workshop on 'Climate Change-Induced L&D in Artisanal Fisheries in the Caribbean'

On April 19th, 2017 a regional workshop on 'Climate Change-induced L&D in Artisanal Fisheries in the Caribbean' was held in Saint Lucia. Fisheries experts from across the CARICOM Region discussed results of a recent study on climate change impacts on fisheries in the Caribbean. Feedback from the participants highlighted the great importance of the topic and expressed the interest of their organizations to further cooperate in this respect. Similar workshops will take place in Senegal and Fiji, and a concluding workshop in Germany with major stakeholders. The global program "Loss & Damage" responds to the so-called [Warsaw International Mechanism for Loss and Damage associated with Climate Change Impacts](#), established at UN-FCCC COP19 in Warsaw (Poland), to address L&D associated with impacts of climate change in developing countries.

Contact: [Dr. Michael Siebert](#) (Head of Project)

## Capacity Development

Vilm, Germany

### Blue Planning in Practice



From 5th to 10th March 2017 practitioners from 14 countries attended the first [Blue Planning in Practice Training](#) on the Isle of Vilm in the Baltic Sea in Germany. The training aimed at providing an introduction to the theory and practical starting points of coastal and marine spatial planning.

The participants went through a diverse program, including role plays that simulated negotiation processes between different stakeholders and the challenge to convince key political players for their support in the planning process. The training was complemented by inputs on real life experiences from different countries and discussions around lessons learnt from the Baltic

Permanent Mission of Germany to the United Nations, New York

### How credible certification supports SDG 14 – [GSSI](#) Side Event

Market based measures can provide effective contributions and incentives for the sustainable use of marine resources. But the fast proliferation of eco-certification schemes has led to confusion among users over how to recognize those that deliver genuine impact.

BMZ, METRO Group, Thai Union and FAO will kick off the German Oceans pavilion with a panel to present their solution to this problem: the Global Sustainable Seafood Initiative (GSSI). GSSI benchmarks and recognizes credible schemes that meet the FAO ecolabelling and certification Guidelines and the Code of Conduct for Responsible Fishing. Through its Global Benchmark Tool GSSI is effectively promoting improvement in seafood certification schemes and facilitates their implementation and use.

- [08 June 2017](#) World Oceans Day
- [3-7 July 2017](#), Bad Neuenahr, Germany  
GIZ-Fachtagung Ländliche Entwicklung und Wasser
- [17-18 July 2017](#), Melbourne, Australia  
2nd International Conference on Coastal Zones  
Theme: Innovative strategies for sustainable Coastal Zones
- [02-04 October 2017](#), Toronto, Canada  
8th International conference on Fisheries & Aquaculture  
Theme: New Era in Fisheries & Aquaculture

### Online Courses

**Get a free crash course in ocean plastics**

Sea with German practitioners.

Please visit our website for more information on the first [BPIP training on the Isle of Vilm](#). For more information please contact: [Jan Kleine Büning](#) (Advisor)

Bali, Indonesia

### Blue Training of Trainers



From 20-28 April 2017, Blue Solutions and the Mami Wata Project jointly offered a Training of Trainers (ToT) in order to capacitate 20 trainers with a professional background in ocean related topics to lead and facilitate Blue Training workshops in the future. Focusing on

marine and coastal planning and management the following topics were covered:

- [Integration of ecosystem services into marine and coastal planning](#) (Blue IES)
- [Climate change adaptation in marine and coastal areas](#) (Blue CCA); and
- [Ecosystem-based marine and coastal spatial planning](#) (Blue Planning in Practice).

Following the ToT, the trainees were involved as co-trainers in several training opportunities in different contexts.

For more information please contact [Jan Kleine Büning](#) (Advisor).

„Marine litter is a global problem that affects every ocean in the world. Litter is an environmental, human health and socio-economic problem that is a symptom of a highly disposable society. With worldwide growth in the amount of solid litter thrown away every day, combined with the slow rates of degradation, the amount of litter ending up in the marine environment is increasing. This [Massive Open Online Course](#) (MOOC) seeks to inspire students to take action and leadership in the arena of marine litter through stimulating interaction with all groups involved. The MOOC has been built on the highly successful first marine litter MOOC that was organized in 2015 and will consist of a two-week leadership track and an eight week expert track. Marine Litter MOOC 2.0 will start May 22, 2017.“

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## Project Update

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## Global

Caribbean, Pacific, West Africa

### Study on Loss and Damage (L&D) in Fisheries and Coastal Zones

The GIZ-implemented ‘Global Program on Risk Assessment and Management for Adaptation to Climate Change (Loss & Damage)’ with technical backstopping from FMB carries out a global study on climate change-related loss and damage (L&D) in fisheries and coastal zones, following a geographically three-pronged approach that covers the Caribbean, the Pacific, and West Africa. Identified synergies and lessons learned from the three sub-regional studies will be compiled into one comprehensive study. It will contribute to better understand climate risk management challenges and to provide recommendations for German Development Cooperation. The results of the study will also contribute to the implementation of the “BMZ 10-Point Plan of Action for Marine Conservation and Sustainable Fisheries”.

Contact: [Dr. Michael Siebert](#) (Head of Project)

## South America

Guyana

### Revenues from Community-Managed Mangrove Forests



Climate change is a major issue for Guyana as ninety percent of its population and agriculture are located along the low lying coastline. Mangrove forests which once stretched over 430 km were severely depleted over the years leaving the coastline constantly threatened by the relentless sea. A key component to sustainable management of Guyana's mangrove forests has been the CATS program ([see attachment](#)) which focused on the combination of natural systems with revenue-generating opportunities for the local communities that reside near and depend on these resources. This initiative resulted in the Mahaica River Birding Tour, which enabled active community involvement in mangrove forest management and demonstrated that climate change resilience can also be combined with sustainable business opportunities for communities.

For further Information please contact:

[Annette Arjoon-Martins](#)

(CATS National Program Officer)

Gulf of California, Mexico

### **Coastal and Marine Spatial Planning as a Framework for Integrated Ecosystem Management**



In the northeastern Gulf of California, Mexico, a bottom-up approach for CMSP is bringing diverse stakeholders to the planning table, mostly fishers and local wetland users from six coastal communities. Guided by a local NGO, they are proposing how to share common resources and ensure their long-term sustainability. At the same time, they face multiple challenges, including illegal fishing, deficient law enforcement and the presence of critically endangered species. The process is guided by a steering committee involving relevant authorities and a technical committee for scientific advice. With their help, the Intercommunity group has proposed 27 fish refuges, exclusive fishing areas and fishing closures and is starting the implementation.

For further information, please see the Blue Solutions website: [Integrated MSP for a Biological Corridor in the Northern Gulf of California, Mexico](#), or the website of the implementing NGO CEDO (Intercultural Centre for the Study of Deserts and Oceans): [Coastal-Marine Spatial Planning and Integrated Management](#)

Contact:

[Peggy Turk-Boyer](#) (Executive Director, Cedo Intercultural)

[Volker Koch](#) (Advisor)

## **Africa**

Kismaayo, Somalia

### **Fish for Nutrition Project**



The Fish for Nutrition Project (FNP) in Somalia was launched in January 2017 in the coastal town of Kismaayo, Somalia. Although it is the country with the longest coastline in Africa — extending over 3,330 km — and an abundance of marine life of limitless variety, Somalia is estimated to have one of the world's lowest fish consumption per capita. The Fish for Nutrition Project is aiming to improve food and nutrition security of returning refugees, internally displaced persons and vulnerable residents in Kismaayo through better access to fishery products. In the medium term, the project will contribute to improved economic and social living conditions, and towards stability in the region. The initiative will also support the achievement of Sustainable Development Goal (SDG) 2: End

hunger, achieve food security and improved nutrition, and promote sustainable agriculture.

For further information have a look at the [project fact sheet](#), [poster](#) or contact: [Brigitte Reichelt Reichelt](#) (Programme Manager)

## South Pacific

Suva Harbour, Fiji

### A First-Hand Experience of GIZ Facilitated Marine Biodiversity Conservation in the South Pacific



2017 is a major year for Fiji: Presiding the UN general assembly and the UNFCCC COP 23 in Bonn in November, Fiji is also co-chairing the [UN Ocean Conference](#) in New York in June. When German State Secretary for the Environment, Mr Jochen Flasbarth joined Fiji's Prime Minister Voreqe Bainimarama in launching the COP 23 logo in early April, he

emphasized Fiji's leadership on behalf of Island Nations. The regional [MACBIO](#) project was happy to take Mr Flasbarth and his delegation on a brief boat trip near [Suva](#), highlighting key issues facing "large ocean states" related to SDG14 in the Pacific. Passing tuna longlining vessels, traditionally managed reefs and the MACBIO learning site Navakavu, they explored the [economic importance of marine ecosystem services](#), the role of holistic [marine spatial planning](#) as well as inspiring [effective management](#) approaches by local stakeholders.

Further Reading: [www.macbio-pacific.info](http://www.macbio-pacific.info)

Contact:

[Jan Henning Steffen](#) (Project Director)

[Philipp Gassner](#) (Advisor)

## Asia

Myanmar

### Fish Production and Nutrition are High on the National Agenda



The newly-started Myanmar Sustainable Aquaculture Programme (MYSAP), a five-year project with 22.5 million EUR in funding from the European Union and BMZ, seeks to scale-up the aquaculture sector in a sustainable way. Despite accounting for the highest per capita fish consumption in the world, Myanmar suffers from persistent malnutrition, particularly

in the country's rural areas. Amid vast overfishing off the coast of Myanmar, MYSAP promises to improve food security, nutrition and livelihoods. Interventions improving freshwater and marine production practices are planned in the States and Regions of Shan, Sagaing, Rakhine and Ayeyarwady. Implemented by the Myanmar Department of Fisheries and GIZ,

MYSAP will work with over 250,000 smallholder farmers and other stakeholders, including the public sector, academia, small and medium-size enterprises as well as NGOs.

Contact:

[Dr. Uwe Scholz](#) (MYSAP Programme Director)

Vietnam

### Best Practice in Integrated Coastal Protection Planning



Coastal erosion and increasing water levels lead worldwide to loss of land and dangerous floods, for instance in the Mekong Delta in Vietnam. It has the size of the Netherlands and a vulnerable coastline of 720 km. What is the

best solution for a certain stretch of threatened coastline? The 'Coastal Protection Web-Map' is an online navigation tool for planning and decision makers in order to find the right solution for the right location. It guides users through a multitude of information digitally linking drone footage and pictures of mangrove forests and coastlines, feasibility studies, technical guidelines and historical information on shoreline changes (since 1904).

Please visit the [Coastal Protection Web Map](#).

[Dr. Stefan Alfred Groenewold](#)

(Technical Adviser (TA), Integrated Coastal Management Programme (ICMP))

Vietnam

### Coast from the Bird's Eye Perspective - Lightweight Drones (Flycams)



How to make expensive und time consuming monitoring of coastal areas more cost-efficient and productive? The use of lightweight drones (flycams) is an innovative way to produce not only impressive images but also valuable GIS enabled data about

coastal erosion or mangrove density. The bird's eye view leads to a better understanding and interpretation of complex processes along the coast such as wave pattern and the movement of sand banks. The Integrated Coastal Management Programme (ICMP) in Vietnam is providing trainings on right handling of lightweight drones as well as on data processing and analysis in GIS for the Ministry of Agriculture and Rural Development (MARD), five Mekong Delta provinces and several local knowledge institutions.

To read more please follow [this](#) link.

Contact:

[Roman Sorgenfrei](#)

(Development Adviser, Integrated Coastal Management Programme (ICMP))

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## Announcements

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### Movies

#### Movie “Fishing Palk Bay” on Traditional Fishing Practices



The Coastal and Marine Protected Area (CMPA) project in India launched the movie “Fishing Palk Bay” in February 2017. In the south eastern coast of India lies an 100 km long and 40km wide shallow warm sea, which sustains a unique

ecosystem. In the past the Palk Bay was known as an area where traders could find bountiful natural pearls, but now due to mechanized fishing, the ecosystem has diminished. But there are still people who follow traditional fishing practices, which are sustainable and have a small footprint on the fragile underwater ecosystem. Follow [this](#) link to watch the movie.

Contact: [Neena Koshy](#) (Advisor)

#### Fishery Regulations in Protected Areas of the Gulf of California



This short video explains in a graphical and playful way the importance of the Gulf of California for Mexican fisheries. It also serves as a tool to show local artisanal fishermen, how MPAs are not an obstacle for their activities but an instrument to preserve the natural resources for future generations,

and guarantee the well-being of the local communities of the region. The video can be viewed [here](#).

For more information, please contact [Daniel de la Torre-Bueno](#).

#### A Plastic Ocean – The Film

We recommend to watch Jo Ruxton’s movie:

[A plastic Ocean – The film](#)  
[- We Need a Wave of Change -](#)

Internationally available since 20 January 2017.

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### Registration information

Deutsche Gesellschaft für  
Internationale Zusammenarbeit (GIZ) GmbH

If you no longer wish to receive this newsletter, please click [here](#).



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