



08 October 2019

## **Peer Reviewer Shortlist Consultation for the North Buru and Maluku Fair Trade Fishing Associations, Indonesian Handline Yellowfin Tuna Fishery**

The MSC's Peer Review College has compiled a shortlist of potential peer reviewers to undertake the peer review for the [North Buru and Maluku Fair Trade Fishing Associations, Indonesian Handline Yellowfin Tuna fishery](#) which is in its first assessment process with the Conformity Assessment Body SCS Global Services. Two peer reviewers will be selected from the following list:

- Carola Kirchner
- Giuseppe Scarcella
- Joe Powers
- Sandra Diamond-Tissue
- Sophie Des Clers

A summary of their experience and qualifications is included on the following pages. Further details of their experience are available on request by email to the [Peer Review College](#).

Interested stakeholders are encouraged to submit comments on potential conflicts of interest of the shortlisted reviewers with the fishery to the Peer Review College by email, telephone or post at the number and address below.

For further details and background to the Peer Review College, please visit [this page of the MSC's website](#).

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The deadline for responses to the consultation is **17:00 GMT, 10 days from the publication date of this announcement on the MSC's website.**

### Carola Kirchner

Dr Carola Kirchner is an independent Fisheries Consultant with highly diverse fisheries experience of 22 years, of which she worked 18 years in the Ministry of Fisheries in Namibia. She worked on linefish species (data poor fisheries) where she was involved with biology, data collection and outlining of fisheries regulations for recreational fishers based on length based stock assessment methods. Moreover, she did age-structured stock assessments for all commercial species in Namibia (Orange roughy, Hake, Monk, Sardine, Seals and Horse Mackerel). She is familiar with purse-seine, midwater trawling and bottom trawling fishing methods. For at least 10 years she was responsible for advising management on the sustainable utilization of all commercial resources and the risks attached to these harvesting levels. She designed management procedures and harvest control rules for most of these species. Dr Kirchner is familiar with tuna biology, stock assessment and management through participating in ICCAT meetings. Likewise, she contributed in the Ecosystem Approach to Fisheries steered by the Benguela Current Commission. During 2014-2015 Dr Kirchner worked on contract in the stock assessment and modelling section at the Secretariat of the Pacific Community, where her main role was to support the Parties of the Nauru agreement (PNA) members to maintain the compliance to the MSC certification. In addition, she was working on a regional bio-economic model that aims to evaluate and optimize the various fishing activities and includes all four major tuna resources in the Pacific as in Skipjack, Yellowfin, Bigeye and Albacore tuna. Dr Kirchner has completed an MBA in 2010, where all her projects were focused on the fishing industry and her thesis involved the estimation of resource rent, fisheries policies and bio-economic modelling of Namibian hake. Dr Kirchner is one of the authors of 30 peer-reviewed publications, 13 of which she has first authorship. These publications range from biology, stock dynamics, environmental indices, stock assessment, fisheries management, fisheries policies, economics and bio-economics of various species.

### Giuseppe Scarcella

Dr Giuseppe Scarcella has a PhD in Marine Biology and Ecology and has been a contracted research scientist at the Italian Institute of Marine Sciences - National Research Council since 2008. During these years, he has gained experience in benthic ecology, and population dynamics. He has considerable international field knowledge, such as with EU working groups (DGMARE), STECF, ICES, GFCM, and the FAO regional projects MedSudMed, Adriamed and Eastmed. In addition, he is collaborating with numerous scientific institutions in the horizontal framework project MAREA (scientific advice for the implementation of the Common Fisheries Policy in the Mediterranean Sea).

As a scientist at CNR-ISMAR, Dr Scarcella is responsible for the sampling design and statistical analyses of several fisheries research programs in the Mediterranean and Black sea, including on artificial structures and their impact on the marine environment. In the framework of such activities he has gained experience in stock assessment, management plans, benthic ecology, fish assemblages of artificial structures, analysis of stomach contents, fisheries ecology, and the application of EAF principles to fisheries management. In 2010 he moved to Cyprus, where he is collaborating as consultant.

Dr Scarcella is an experienced MSC assessor covering Principle 1 and 3 issues. In the last five years he worked as MSC assessor in several areas including the Mediterranean Sea, North Sea, Iceland, South Pacific and South Africa.

### Joe Powers

Dr Powers has been involved in fisheries issues for more than 40 years, conducting stock assessments, coordinating international stock assessment research, communicating scientific advice to fishery management councils and commissions and also serving as the senior marine fisheries manager in the southeast US. His background includes: Professor of Marine Resource Assessment at Louisiana State University; Senior Stock Assessment Scientist of the US's National Marine Fisheries Service (NMFS) southeast region, Laboratory Director of a NMFS facility; lead US scientist for Atlantic tuna, swordfish and billfish species for the International Commission for the conservation of Atlantic Tunas (ICCAT); Chair of the Scientific Committee of ICCAT; Chair of the Stock Assessment Committee for Southern Bluefin Tuna; Chair of the Scientific Committee of the Gulf of Mexico Fisheries Management Council. He has also worked on numerous Marine Stewardship Council assessments of tunas, swordfish, hake and other fisheries resources in the Atlantic, Pacific and Indian Oceans.

### Sandra Diamond-Tissue

Dr Sandra Diamond-Tissue has worked in fisheries since spending summers with cod fishermen in Quebec and Labrador (Canada) in the 1970s. She received her B.Sc. from McGill University (Canada) in 1980. From 1983 – 1990, she worked as a Marine Biologist for the California Department of Fish and Game (USA) on population dynamics of fish and bycatch in coastal and oceanic gill net fisheries. She received her PhD in Fisheries Ecology from North Carolina State University in 1999, focusing on bycatch in shrimp trawls and working with fishermen to reduce bycatch. Since 1998, Sandra has been a professor at Texas Tech University. Her research has focused on population dynamics of fish, bycatch and discard mortality, consequences of climate change on fish populations, and using GIS analyses to reduce unwanted catches and improve fisheries policy. In 2007, she moved to Australia to work at the University of Western Sydney on sustainable fisheries. Sandra's policy work includes being a member of the Standing Scientific Committee of the Gulf of Mexico Fishery Management Council (GMFMC) from 1999-2007, being a member and eventual Chair of the Reef Fish Stock Assessment Panel of the GMFMC from 1997-2007, being a member of the Fisheries Scientific Committee of NSW (Australia) from 2010-2013 and being Chair of the Tropical Tuna Resources Assessment Group (Australia) from 2012-2015. Sandra has been involved in stock assessments of single and multi-species, and multi-gear fisheries for fish (sharks, billfish, groundfish, estuarine-dependent species, reef fish, eels), invertebrates (shrimp, squid, crabs), and marine mammals (porpoises, seals, sea lions) in the USA, New Zealand, Australia, and Indonesia, and she has been a consultant on sustainable fishery practices in Ecuador, Mexico, and Indonesia. As a consultant, her specialties are stock assessments, scientific data collection, developing and maintaining fishery observer programs, assessing data poor fisheries, and working with fishermen, scientists, government agencies, NGOs, and policy makers to develop and improve sustainable fishing practices, fisheries policy frameworks, and workable management strategies.

### Sophie Des Clers

Dr Sophie des Clers is an independent scientific expert in fisheries management systems. She has over 30 years' experience in the formulation, monitoring, and evaluation of fisheries and aquaculture projects to build management capacity in the public and the private sector. She is trained in databases, applied statistics, population dynamics, microeconomics, law and public policy. Her past research and consultancy projects have taken her to fishing ports around the UK, EU, Norway, Africa and the North Sea, Mediterranean, Atlantic, Pacific and Indian oceans.

As a Principle 3 auditor, she has taken part in the MSC assessment and pre-assessment audits of more than 20 different fisheries including for cod, haddock, saithe, sole, herring, blue whiting, sardine, tuna, billfish, lobster and whelks. Having completed the MSC FCR v2.0 training, Sophie is a fully qualified Team Leader.