

2010 Coastal Zone Asia Pacific Conference  
2010 World Small-Scale Fisheries Congress  
**CONFERENCE SPEAKER PROGRAM**

October 17-22, 2010  
Montien Riverside Hotel  
Bangkok, Thailand

**Sunday, October 17**

**CZAP REGISTRATION AND WELCOME DRINKS**

**18:00 to 20:00**

**Monday, October 18**

**CZAP WELCOME AND OPENING REMARKS**

**8:30 to 8:45**

**CZAP PLENARY 1**

**8:45 to 10:15**

- 8:45 Coastal communities in Asia-Pacific: vulnerability and adaptation  
**Poh Poh Wong**, *National University of Singapore, Singapore*
- 9:05 Decentralized coastal management policy in Indonesia: three years after Indonesian Coastal and Small Island Management Act was enacted  
**Sapta Putra Ginting**, *Ministry of Marine Affairs and Fisheries, Indonesia*
- 9:25 An integrated approach for coastal resources management of Verde Island Passage Marine Corridor, Oriental Mindoro, Philippines  
**Marilyn Alcanices**, *Provincial Government of Oriental Mindoro, Philippines*
- 9:45 Panel discussion

**MORNING BREAK**

**10:15 to 10:45**

**CZAP PLENARY 2**

**10:45 to 12:15**

- 10:45 Role of incentives in the management of small scale trawler fisheries: an explorative study of overcapitalisation in the Palk Bay, India  
**Jyothis Sathyapalan**, *Centre for Economic and Social Studies, India*

- 11:05 Coastal zone management in China and future implications  
**Guifang (Julia) Xue**, *Ocean University of China, China*
- 11:25 Integrated Coastal Zone Management (ICZM) in a Local Government Area in NSW, Australia  
**M Rafiqul Islam**, *Manly Council, New South Wales, Australia*
- 11:45 Panel discussion

## LUNCH

**12:15 to 13:00**

### CZAP PLENARY 3

**13:00 to 14:30**

- 13:00 Advancing the promotion of FOVOP in the ASEAN Region: issues and challenges for future cooperation  
**Pouchamarn Wongsanga**, *Southeast Asian Fisheries Development Center (SEAFDEC), Thailand*
- 13:20 Catalysing coastal adaptation in the face of uncertainty: lessons from Africa  
**Guy Jobbins**, *International Development Research Centre (IDRC), Canada/Egypt*
- 13:40 Networking across global marine hotspots  
**Stewart Frusher**, *University of Tasmania, Australia*
- 14:00 Panel discussion

## AFTERNOON BREAK

**14:30 to 15:00**

### CZAP PARALLEL SESSION

**15:00 to 17:00**

Special session: The Adaptation Research Network for Marine Biodiversity and Resources
Concurrent session 1: Coastal initiatives – lessons and challenges
Concurrent session 2: Integrated coastal governance
Concurrent session 3: Coastal adaptation and climate change
Speed session: Coastal governance, community and ecosystem

## **Special session: The Adaptation Research Network for Marine Biodiversity and Resources**

**15:00 to 17:00**

Application of resilience thinking to the organisational governance of Australia's National Climate Change Adaptation Research Network for Marine Biodiversity and Resource

**Neil Holbrook**, *University of Tasmania, Australia*

Beyond biology and oceanography: the need to link the biophysical to the human system  
**Stewart Frusher**, *University of Tasmania, Australia*

Adapting marine-dependent industries and communities to climate change through transdisciplinary networks

**Steve Myers**, *University of the Sunshine Coast, Australia*

The Markets Theme of the Adaptation Research Network for Marine Biodiversity and Resources

**Sarah Jennings**, *University of Tasmania, Australia*

From principles to policy and practice: building resilience and adaptive capacity through action research with the Australian edible oyster industry

**Peat Leith**, *University of Tasmania, Australia*

### **Concurrent session 1: Coastal initiatives – lessons and challenges**

**15:00 to 17:00**

- 15:00 Crab bank management: practical challenge to fisheries co-management  
**Phattareeya Suanrattanachai**, *Southeast Asian Fisheries Development Center (SEAFDEC), Thailand*
- 15:20 Approaches in mangrove rehabilitation and management with implications on community empowerment and project sustainability  
**Josephine Savaris**, *Zoological Society of London, Philippines*
- 15:40 Towards self reliance coastal communities through national program for community empowerment of marine affairs and fisheries  
**Syahrowi Nusir**, *Ministry of Marine Affairs and Fisheries, Indonesia*
- 16:00 Increasing fisherman wealth by coastal resource management at Togeian Islands, Central Sulawesi, Indonesia  
**Agustina Nurul Hidayati**, *Malang National Institute of Technology, Indonesia*
- 16:20 Present status and restoration of mangrove ecosystem in and around Mumbai (West coast of India)  
**Balasaheb Kulkarni**, *The Institute of Science, India*
- 16:40 Who's the trouble – you or me: constructing a damage index into marine environmental impacts in England's South West  
**Heather Squires**, *Deakin University, Australia*

### **Concurrent session 2: Integrated coastal governance**

**15:00 to 17:00**

- 15:00 Zoning marine protected areas for biodiversity conservation and community livelihoods: a case study from Raja Ampat, West Papua  
**Hedley Grantham**, *University of Queensland, Australia*
- 15:20 Challenges of and obstacles to the management effectiveness of marine resources: a case study of Surin Marine Protected Area, Thailand  
**Suvaluck Satumanatpan**, *Mahidol University, Thailand*
- 15:40 Reef-related tourism and Integrated Coastal Management: research directions for Koh Tao, Thailand  
**Panwad Wongthong**, *University of Adelaide, Australia*
- 16:00 Reinventing the Step Zero: governance evolution of Mu Koh Chang National Park, Thailand  
**Makamas Sutthacheep**, *Ramkhamhaeng University, Thailand*
- 16:20 Scientist, decision makers, tourists and artisanal fishers: the case of La Gomera (Canary Islands, Spain) marine reserve  
**Raquel De la Cruz Modino**, *University of La Laguna, Spain*
- 16:40 Communication Networks for Integrated Coastal Management: a case study from Newfoundland  
**Amy Tucker**, *Memorial University, Canada*

### **Concurrent session 3: Coastal adaptation and climate change**

**15:00 to 17:00**

- 15:00 Managing fisheries and coasts in an era of climate change  
**Anthony Charles**, *Saint Mary's University, Canada*
- 15:20 Integrating models for assessing climate change adaptive capacity in coastal communities: a case study in South East Queensland, Australia  
**Marcello Sano**, *University of the Sunshine Coast, Australia*
- 15:40 Applying resilience-based strategies in Thailand's Andaman MPAs to address the impacts of climate change  
**Petch Manopawitr**, *University of Victoria, Canada*
- 16:00 A challenge of coral reef restoration in the Gulf of Thailand in relation to climate change  
**Thamasak Yeemin**, *Ramkhamhaeng University, Thailand*
- 16:20 Assessment of Maldivian coral reefs in 2009 after natural disasters  
**Norman Quinn**, *Tropical Discoveries Fund, U.S. Virgin Islands, USA*
- 16:40 Mangrove loss and climate change: a global challenge with local solutions  
**Dominic Wodehouse**, *Wetlands International, Thailand*

### **Speed session: Coastal governance, community and ecosystem**

**15:00 to 17:00**

- 15:00 Building partnership with enemies: a coastal governance story of Southern Iloilo, Philippines  
**Liberty Espectato**, *University of the Philippines Visayas, Philippines*
- Fisheries registration and licensing: a management tool?  
**Ruby Napata**, *University of the Philippines Visayas, Philippines*
- An examination of the effectiveness of institutional arrangements for sustainable management of Lingayen Gulf, Philippines  
**Jose Rodriguez**, *University of Canberra, Australia*
- Empowering communities through MPA creation and networking in the Papuan Bird's Head and Sulu-Sulawesi Seascapes  
**Augustus Montebon**, *Conservation International, Philippines*
- Valued views: investigating the tourism values of coastal landscapes in Burin, Newfoundland  
**Ian Murphy**, *Memorial University, Canada*
- 15:35 Individual (one-on-one) Q&A period
- 15:40 **Gap assessment: are training and academic programs in coastal resource management addressing the emerging concerns?**  
**Katherine Rundquist**, *Fisheries and Marine Institute of Memorial University of Newfoundland, Canada*
- Community role in participation coastal resources management in Sam Roi Yod Bay, Pranburi District, Prachuabkeereekhan Province  
**Jantra Srisomwong**, *Kasetsart University, Thailand*
- Small-scale farmer adaptation to farmer's group development and good shrimp farm management practice  
**Urirat Netharn**, *Kasetsart University, Thailand,*
- Encourage local business in fishing community, Sihanoukville, Cambodia  
**Sumitra Ruangsivakul**, *Southeast Asian Fisheries Development Center (SEAFDEC), Thailand*
- Coastal micro banking program in Indonesia: its roles in fisheries management  
**Pamuji Lestari**, *Ministry of Marine Affairs and Fisheries, Indonesia*
- 16:15 Individual (one-on-one) Q&A period
- 16:20 Mangrove habitat restoration and management in Ranong Province, Thailand  
**Puvadol Doydee**, *Kasetsart University, Thailand*
- Coral disease at Hogow Island reef flat, Ratatotok District, South East Minahasa Regency, Indonesia: a preliminary study  
**Laurentius Lalamentik**, *Sam Ratulangi University, Indonesia*
- Coral fish community in Hogow Island, South-East Minahasa, North Sulawesi Province, Indonesia  
**Jerry Kojansow**, *PT Newmont Minahasa Raya, Indonesia*

Coastal line development of Jakarta Bay driven by its economic power  
**Jaap Levara**, *University of Trisakti, Indonesia*

Environmental impact assessment in Southeast Lagoon of Caspian Sea  
**Ata Najafi-Jilani**, *Islamic Azad University, Iran*

17:25 Individual (one-on-one) Q&A period

## WSFC REGISTRATION AND CZAP - WSFC OPENING RECEPTION

18:00 to 21:30

## Tuesday, October 19

### WSFC OPENING PRESENTATION

8:30 to 8:45

The state of the world small-scale fisheries  
**Ratana Chuenpagdee**, *Memorial University, Canada, and Coastal Development Centre, Thailand*

### PLENARY 1: ECOSYSTEM COMPLEXITY AND INTERACTIONS

8:45 to 10:15

- 8:45 A review of the global impacts of small-scale fisheries bycatch  
**Larry Crowder**, *Duke University, USA*
- 9:05 Sustainable exploitation of the seabob, *Xiphopenaeus kroyeri*, small-scale fishery of the southern Gulf of Mexico: an ecosystem approach  
**Francisco Arreguín-Sánchez**, *Interdisciplinary Center for Marine Sciences of the National Polytechnic Institute (CICIMAR-IPN), Mexico*
- 9:25 Using interviews to document changing values of small-scale fishers  
**Ellen Hines**, *San Francisco State University, USA*
- 9:45 Panel discussion

### MORNING BREAK

10:15 to 10:45

### PLENARY 2: FISHER DYNAMICS AND RESOURCE COMPETITION

10:45 to 12:15

- 10:45 Bio-economic analysis of small-scale fisheries in Yucatan, Mexico: fleet interactions  
**Silvia Salas**, *Yucatan Research Centre of CINVESTAV, Mexico*

- 11:05 Fisheries development: policy implications on technological development and overcapitalisation in small-scale fisheries  
**Steve Donda**, *Department of Fisheries, Malawi*
- 11:25 Conflicting gears, shifting territories in Canary Islands and Spain: MPAs as a solution?  
**José Pascual-Fernández**, *University of La Laguna, Spain*
- 11:45 Panel discussion

## LUNCH

12:15 to 13:00

## PLENARY 3: ACCESS AND RIGHTS

13:00 to 14:30

- 13:00 Fishery rights, human rights and the future  
**Anthony Charles**, *Saint Mary's University, Canada*
- 13:20 Formalizing the informal fishers: small-scale fisheries policy, marine protected areas and its impacts on fisher livelihoods in South Africa, case studies of Struisbaai and Arniston  
**Moenieba Isaacs**, *University of Western Cape, South Africa*
- 13:40 Controlling access to small-scale fisheries: lessons from the Gulf of California, Mexico  
**Xavier Basurto**, *Duke University, USA*
- 14:00 Panel discussion

## AFTERNOON BREAK

14:30 to 15:00

## PARALLEL SESSION 1

15:00 to 17:00

Special session 1: Unravelling the vicious circle: poverty alleviation and sustainable livelihoods in small-scale fisheries (1)
Special session 2: Coping with change in lagoon, lake and river
Concurrent session 1: Understanding ecosystem complexity
Concurrent session 2: Dealing with conflicts
Speed session 1: Governance challenges and fisher perspectives

### **Special session 1: Unravelling the vicious circle: poverty alleviation and sustainable livelihoods in small-scale fisheries (1)**

15:00 to 17:00

Living on the margin: the poverty-fisheries nexus in Bangladesh

**Mohammad Mahmudul Islam**, *University of Bremen, Germany*

Occupation of last resort? Small-scale fishing in Lake Victoria, Tanzania

**Paul Onyango**, *University of Tromsø, Norway*

Vanished prosperity – a dispute on poverty and social marginalization problem in small fishing community: a polish experience

**Bogusław Marciniak**, *Sea Fisheries Institute in Gdynia, Poland*

How fishers cope with vulnerability: a Mexican case study

**Silvia Salas**, *CINVESTAV, Mexico*

Decline of the chambo on the Southeast Arm of Lake Malawi: fisher and community strategies in reaction to the changing fishery dynamics

**Mafaniso Hara**, *University of the Western Cape, South Africa*

### **Special session 2: Coping with change in lagoon, lake and river**

**15:00 to 17:00**

15:00 A tale of two lagoons: shaping of resilience and implications for human wellbeing in coastal India

**Sarah Coulthard**, *University of Ulster, UK*

15:20 Whose marginalisation? Politics around environmental injustices in India's Chilika lagoon

**Prateep Nayak**, *University of Manitoba, Canada*

15:40 Exploring inequity in income and livelihood opportunities in Tam Giang Lagoon, Vietnam

**Huong Ta**, *University of Manitoba, Canada*

16:00 Fishery association and fishing rights allocation for co-management in Tam Giang lagoon, Vietnam

**Truong Van Tuyen**, *Hue University of Agriculture and Forestry, Vietnam*

16:20 Investment decisions driver's in a globalized fisheries: markets, post-harvest processes, governance and livelihood dynamics in Lake Victoria, Tanzania

**Modesta Medard**, *Wageningen Universty, The Netherlands, and Tanzania Fisheries Research Institute, Tanzania*

16:40 The Pilcomayo fishery system: a socio-economic perspective in a changing river

**Claudio Baigún**, *Universidad Nacional de General San Martín, Argentina*

### **Concurrent session 1: Understanding ecosystem complexity**

**15:00 to 17:00**

15:00 Free access, risk of collapse and the need for managing the Caribbean lobster fisheries at an international level

**Ernesto Chávez**, *Centro Interdisciplinario de Ciencias Marinas, Instituto Politécnico Nacional (CICIMAR-IPN), Mexico*

- 15:20 Interactions between artisanal fisheries and fish spawning aggregations: a case study of the Corvina fishery from the Gulf of California, Mexico  
**Brad Erisman**, *Scripps Institution of Oceanography, USA*
- 15:40 Ecosystem approach as a tool to analyse conflicts between small scale and industrial fisheries in the Red Sea  
**Dawit Tesfamichael**, *University of Asmara, Eritrea, and University of British Columbia, Canada*
- 16:00 Utilizing the Ecological Mangrove Restoration Method for effective, bio-diverse habitat restoration: post tsunami lessons learned  
**Jim Enright**, *Mangrove Action Project, Thailand*
- 16:20 Rapid assessment of marine megafauna capture, fishing effort, and socioeconomic and cultural drivers of artisanal fisheries in Northern Madagascar  
**Tara Whitty**, *Scripps Institution of Oceanography, USA*
- 16:40 Fostering a responsible spotted rose snapper fishery in the Caletas-Arío Marine Protected Area, Guanacaste, Costa Rica  
**Andy Bystrom**, *PRETOMA, Costa Rica, University of Costa Rica, Costa Rica*

### **Concurrent session 2: Dealing with conflicts**

**15:00 to 17:00**

- 15:00 Selectivity and open access: sustainable harvesting in small scale inland fisheries  
**Paul van Zwieten**, *Wageningen University, Netherlands*
- 15:20 The neoliberal catch - access rights and the clash of coastal lifemodes  
**Jeppe Høst**, *University of Copenhagen, Denmark*
- 15:40 Power, history and inequity: the non-compliance of lobster fishers in a protected area in South Africa  
**Maria Hauck**, *University of Cape Town, South Africa*
- 16:00 In defense of fisherfolk rights: the municipal water delineation experience in the Philippines  
**Dennis Calvan**, *NGOs for Fisheries Reform, Philippines*
- 16:20 Harvesting for direct versus indirect human consumption: the Peruvian small-scale fishery paradoxes  
**Pierre Fréon**, *IRD, France*
- 16:40 Are you a local or an outsider? Understanding networks in small-scale fisheries off the Ecuadorian coast  
**María-José Barragán Paladines**, *Memorial University, Canada*

### **Speed session 1: Governance challenges and fisher perspectives**

**15:00 to 17:00**

- 15:00 Small-scale fishery systems and governance challenges  
**Anthony Charles**, *Saint Mary's University, Canada*

The key role of the barefoot ecologists in the co-managed turf system of Galicia (NW Spain)

**Inés Naya**, *Universidade da Coruña, Spain*

Solidarity Network of Fishing in Brazil and the sustainability of the craft fishing

**Sidney Lianza**, *Federal University of Rio de Janeiro, Brazil*

“Power over fishes”: lessons of an action research to develop fishery co-management in the São Francisco River, Minas Gerais State, Brazil

**Ana Paula Glinfskoi Thé**, *UNIMONTES, Brazil*

Controlling fisheries resources for whom? Political networking and conservation in the Berau MPA, Indonesia

**Bambang Gunawan**, *Wageningen University, The Netherlands*

15:35 Individual (one-on-one) Q&A period

15:40 Case law review on human rights in small-scale fisheries

**Björn Åsgård**, *WorldFish Center, Malaysia*

Conceptual framework in organizing communities for effective mangrove management

**Josephine Savaris**, *Zoological Society of London, Philippines*

Coastal management: a coastal community perspective

**Anthony Charles**, *Saint Mary's University, Canada*

Characteristic of the Wakame seaweed fishing ground use in South Korea

**Sun-Ae Ii**, *Miyazaki Municipal University, Japan*

Assessing the impact of artificial reefs in Malaysia

**Gazi Md Nurul Islam**, *Universiti Putra Malaysia, Malaysia*

16:15 Individual (one-on-one) Q&A period

16:20 Small-scale fisheries and mangrove conservation in the Gulf of California, Mexico: “The Teacapan-Marismas Nacionales case study”

**Nadia Rubio-Cisneros**, *Scripps Institution of Oceanography, USA*

A method for assessing FEK/LEK as a practical tool for Ecosystem-Based Fisheries Management: seeking consensus in Southeastern Brazil

**Marta Collier Ferreira Leite**, *University of São Paulo, Brazil*

Attitude of fishers on the impact of their fishing gear and practice: a case study on collapsible crab traps in the Gulf of Thailand

**Worawit Wanchana**, *Southeast Asian Fisheries Development Center (SEAFDEC), Thailand*

Definition of priority areas in estuarine islands and bays in the Amazon estuary using biological criteria

**Flávia Lucena Frédou**, *Universidade Federal Rural de Pernambuco, Brazil*

16:48 Individual (one-on-one) Q&A period

**CZAP ASSOCIATION MEETING**  
**17:00 to 18:00**

**Wednesday, October 20**

**BOOK PRESENTATION**

**8:30 to 8:45**

**“Coastal Fisheries in Latin America and the Caribbean”**

**Silvia Salas**, *CINVESTAV, Mexico*

**“Towards Marine Ecosystem-based Management in the Wider Caribbean”**

**Robin Mahon**, *University of the West Indies, Barbados*

**PLENARY 4: WEALTH, RESILIENCE AND FREEDOM**

**8:45 to 10:15**

- 8:45 Is the wealth-based approach really appropriate for small-scale fisheries in the developing world? an alternative perspective  
**Chris Béné**, *WorldFish Center, Malaysia*
- 9:05 The adaptation problem in fisheries: implications for promoting resilient small-scale fisheries and the importance of agency  
**Sarah Coulthard**, *University of Ulster, UK*
- 9:25 Fisheries development as freedom  
**Svein Jentoft**, *University of Tromsø, Norway*
- 9:45 Panel discussion

**MORNING BREAK**

**10:15 to 10:45**

**PLENARY 5: LIVELIHOODS AND WELLBEING**

**10:45 to 12:15**

- 10:45 Enhancing adaptive capacity in coastal communities  
**Tim Smith**, *University of the Sunshine Coast, Australia*
- 11:05 Women's contribution in small-scale fisheries in the European Union  
**Katia Frangoudes**, *Université Européenne de Bretagne, France*
- 11:25 What is the value of wellbeing for small-scale fisheries governance?  
**Derek Johnson**, *University of Manitoba, Canada*
- 11:45 Panel discussion

## LUNCH

12:15 to 13:00

### PLENARY 6: POST-HARVEST AND GLOBALIZATION

13:00 to 14:30

- 13:00 Fisheries subsidies and potential catch loss in SIDS Exclusive Economic Zones: food security implications  
**Rashid Sumaila**, *University of British Columbia, Canada*
- 13:20 Accessibility of the MSC ecolabelling and certification program for small-scale fisheries  
**Amanda Stern-Pirlot**, *Marine Stewardship Council (MSC), UK*
- 13:40 Investigating poverty through the lens of riches – immigration and the role of institutions  
**Maarten Bavinck**, *University of Amsterdam, The Netherlands*
- 14:00 Panel discussion

## AFTERNOON BREAK

14:30 to 15:00

### PARALLEL SESSION 2

15:00 to 17:00

Special session 3: Unravelling the vicious circle: poverty alleviation and sustainable livelihoods in small-scale fisheries (2)
Special session 4: Amazonian small-scale fisheries
Concurrent session 3: Sustaining fishing livelihoods
Concurrent session 4: Addressing governance challenges
Speed session 2: Ecosystem surveys and management approaches

### **Special session 3: Unravelling the vicious circle: poverty alleviation and sustainable livelihoods in small-scale fisheries (2)**

15:00 to 17:00

- Learning from the ‘experts’: What enables small-scale fishing communities in Thailand to avert poverty?  
**Ratana Chuenpagdee**, *Memorial University, Canada, and Coastal Development Centre, Thailand*
- Between land, water – and poverty: community empowerment and small-scale fishery in Nicaragua  
**Miguel Gonzalez**, *York University, Canada*

Social capital as a resource to alleviate poverty in fisheries: the role of fisheries cooperatives in small scale fishing communities of Southern Sri Lanka

**Oscar Amarasinghe**, *University of Ruhuna, Sri Lanka*

From poverty to wealth creation? Economic development of artisanal fisheries in Mozambique

**Ana Menezes**, *UNEP, Mozambique*

Fisheries as a buffer: the case of Livingston town, Guatemala. Internal and external mechanisms leading fishers into poverty and unsuccessful fisheries management

**Hector Andrade**, *Polar Environmental Centre, Norway*

#### **Special session 4: Amazonian small-scale fisheries**

**15:00 to 17:00**

Household fishing activity and community-based management of floodplain fisheries in the Lower Amazon: 1991-2009

**David McGrath**, *The Woods Hole Research Center, USA*

Income transfer programs, quality of livelihood, and resource conservation in fisher families in Amazon Estuary

**Sérgio Rivero**, *Universidade Federal do Pará, Brazil*

Estimating fisher population and catch for fishers management in the Amazon

**Oriana Almeida**, *Universidade Federal do Pará, Brazil*

Impact of the fishing activity on the fish stocks in the Amazon using a bio-economic analysis

**Kai Lorenzen**, *Imperial College London, UK*

Resource status of small-scale fisheries in the Lower Amazon

**Leandro Castello**, *The Woods Hole Research Center, USA*

The small-scale fishery of estuarine islands in the Amazon estuary, Brazil

**Flávia Lucena Frédou**, *Universidade Federal Rural de Pernambuco, Brazil*

Small-scale fisheries governance in Brazil

**Beatriz Pedrosa**, *Fundação Joaquim Nabuco, Brazil*

#### **Concurrent session 3: Sustaining fishing livelihoods**

**15:00 to 17:00**

15:00 Changing livelihood and fishing ground use in a suburb village of the Vientiane Plain, Laos

**Akiko Ikeguchi**, *Yokohama National University, Japan*

15:20 Insecting: an alternative livelihood strategy in the inland aqua environment

**Kenichi Nonaka**, *Rikkyo University, Japan*

15:40 Living in the wind: gendered perceptions of poverty and well-being in fishing communities in Sri Lanka

**Nireka Weeratunge**, *WorldFish Center, Malaysia*

- 16:00 Small-scale aquaculture, poverty and development: a reassessment  
**Ben Belton**, *University of Stirling, UK*
- 16:20 Assessing the impacts of community-based approach in the inland fisheries of Bangladesh  
**Gazi Md Nurul Islam**, *Universiti Putra Malaysia, Malaysia*
- 16:40 Assessment of the fishery for macro-invertebrates gleaning in Lagonoy Gulf, Philippines  
**Plutomeo Nieves**, *Bicol Univesity Tabaco Campus, Philippines*

#### **Concurrent session 4: Addressing governance challenges**

**15:00 to 17:00**

- 15:00 Partnering of the fisheries and environment sectors in the Pacific on an Ecosystem Approach to Fisheries management  
**Andrew Smith**, *The Nature Conservancy, Australia*
- 15:20 Diversity of small-scale fisheries: research perspectives to address sustainability and governance challenges  
**Marc Léopold**, *IRD, Port-Vila, Vanuatu*
- 15:40 Small-scale fisheries co-management: a global review  
**Nicolas Gutierrez**, *University of Washington, USA*
- 16:00 Reincorporating the excluded in South Africa's new small scale fisheries policy – governance challenges  
**Merle Sowman**, *University of Cape Town, South Africa*
- 16:20 Effectiveness of local governance in artisanal fisheries management, Ngazidja island, Comoros  
**Melissa Hauzer**, *University of Victoria, Canada*
- 16:40 Artisanal fishers' perceptions about top-down management transcend boundaries: commonalities between southeastern Brazil and coastal Uruguay  
**Luiz Chimello de Oliveira**, *University of Manitoba, Canada*

#### **Speed session 2: Ecosystem surveys and management approaches**

**15:00 to 17:00**

- 15:00 On the target and limit reference points as framework to recovering fish resources  
**Francisco Arreguín-Sánchez**, *Interdisciplinary Center for Marine Sciences of the National Polytechnic Institute (CICIMAR-IPN), Mexico*
- Selectivity of fishery activities on species of fishes in Pasak Jolasid Reservoir, Lop Buri Province, Thailand  
**Santi Pongcharean**, *Kasetsart University, Thailand*
- Small-scale fisheries in Golfo Dulce, Costa Rica: a fjord-like ecosystem in the Tropical Eastern Pacific  
**Ana Gloria Guzman-Mora**, *Universidad de Costa Rica, Costa Rica*

Validation of a mutton snapper (*Lutjanus analis*) spawning aggregation in the Mutton Snapper Seasonal Area Closure, St. Croix, U.S. Virgin Islands  
**Norman Quinn**, *Tropical Discoveries, U.S. Virgin Islands, USA*

Landings, effort and economic patterns in the small-scale directed *Loligo forbesii* fishery in the Moray Firth (NE Scotland): A case study using fisher's knowledge and fishery statistics  
**Jennifer Smith**, *University of Aberdeen, UK*

15:35 Individual (one-on-one) Q&A period

15:40 Acceptability and adaptability of the fishermen communities to the Marine Protected Areas in South West Madagascar  
**Jamal Mahafina**, *Université de Toliara, Madagascar*

Self-regulatory measure for fish refugia establishment for Integrated Coastal Resources Management project in Sihanoukville, Cambodia  
**Jariya Sornkliang**, *Southeast Asian Fisheries Development Center (SEAFDEC), Thailand*

A bio-economic analysis of the hand-line and gillnet coastal fisheries of Pernambuco State, north-eastern Brazil  
**Sérgio Mattos**, *Ministry of Fishery and Aquaculture, Brazil*

Historical and future performance of the artisanal fishery in the Pilcomayo River: linking effort, hydrology and climatic events  
**Claudio Baigún**, *Universidad Nacional de General San Martín, Argentina*

Strategies for Community Based Fisheries Management in the low lying wetlands of Bangladesh and the Mekong Delta  
**Md. Golam Mustafa**, *WorldFish Center, Bangladesh*

16:15 Individual (one-on-one) Q&A period

16:20 Evaluating fishing restricted areas as a management tool to recover the red grouper (*Epinephelus morio*) fishery in the Campeche Bank, Gulf of Mexico  
**Francisco Arreguín-Sánchez**, *Interdisciplinary Center for Marine Sciences of the National Polytechnic Institute (CICIMAR-IPN), Mexico*

A participatory approach - key to success in mangrove management in Prednai, Eastern Thailand  
**Panwad Wongthong**, *University of Adelaide, Australia*

Application of the abundance of *Scylla* spp. as an indicator to assess the effectiveness of mangrove forest in Chumphon Province, Thailand  
**Ananya Jarernpornnipat**, *King Mongkut's Institute of Technology, Thailand*

Environmental deteriorations and their impacts on surf clam resource: a case study of eutrophic Tha Chin Estuary, Thailand  
**Patrawut Thaipichitburapa**, *Kasetsart University, Thailand*

Razor clam (*Solen* spp.) production and future trend of Don Hoi Lord, the largest tidal flat of Thailand: evidences from aquatic environment and resources utilization impacts  
**Boontarika Thongdonphum**, *Kasetsart University, Thailand*

16:55 Individual (one-on-one) Q&A period

**CZAP - WSFC CONFERENCE BANQUET**

**17:15 to 21:30**

Dinner cruise on Chao Phraya River

**Thursday, October 21**

**FIELD EXCURSION**

**7:30 to 19:30**

**Friday, October 22**

**PARALLEL SESSION 3**

**8:30 to 10:30**

Special session 5: Combining Marine Protected Areas and Catch Shares in community based small-scale fisheries management in Latin America
Special session 6: Assessing and mitigating the incidental capture of highly valuable megafauna in small-scale fisheries
Concurrent session 5: Integrating social complexity
Concurrent session 6: Broadening governance perspectives
Poster session

**Special session 5: Combining Marine Protected Areas and Catch Shares in community based small-scale fisheries management in Latin America**

**8:30 to 10:30**

Integrating TURFs and MPAs in small-scale fisheries

**Daniel Kaffine**, *Colorado School of Mines, USA*

Using Marine Protected Areas as a tool for management of small-scale fisheries: theory and practice in the Gulf of California, Mexico

**Richard Cudney-Bueno**, *David and Lucile Packard Foundation, USA, and University of California Santa Cruz, USA*

Catch shares and small-scale fisheries

**Laura Rodriguez**, *Environmental Defense Fund de Mexico, Mexico*

In practice: fishing quotas for the coastal shrimp fishery in the State of Sinaloa, Mexico

**Hector Licon-Gonzalez**, *Comision Nacional de Acuacultura y Pesca, Mexico*

In practice: MPA's and small-scale fisheries in the Gulf of California  
**Amy Hudson Weaver**, *Niparaja, Mexico*

In practice: combining catch-share and marine reserves: two theoretical examples for the Gulf of California  
**Jorge Torre**, *Comunidad y Biodiversidad, Mexico*

### **Special session 6: Assessing and mitigating the incidental capture of highly valuable megafauna in small-scale fisheries**

**8:30 to 10:30**

Rapid, global assessment of bycatch to identify conservation opportunities  
**Rebecca Lewison**, *San Diego State University, USA*

Trade-off between ocean ecosystem services – extractive vs. non-extractive use of megafauna  
**Sebastian Troeng**, *Conservation International, USA*

Alternative methods and approaches to mitigating problematic bycatch in small-scale marine capture fisheries  
**Eric Gilman**, *Hawaii Pacific University, USA, Blue Ocean Institute, USA*

Development and field testing of a standardized questionnaire to determine threats from small-scale fisheries, spatial distribution and population status of dugongs and other marine megafauna  
**Nicolas Pilcher**, *Marine Research Foundation, Malaysia*

Networks, knowledge, and communication: partnering with fishermen and government to assess and mitigate bycatch  
**Aarón Esliman-Salgado**, *Grupo Tortuguero de las Californias, Mexico*

Small-scale fisheries and bycatch assessment in Peru: an opportunity to promote sustainable fisheries  
**Joanna Alfaro Shigueto**, *ProDelphinus, Peru, and University of Exeter, UK*

*Suripera*, getting the incentives right: bringing local wisdom to sustainable markets in Sinaloa, Mexico  
**Joaquin Murrieta-Saldivar**, *Environmental Defense Fund de Mexico, Mexico*

A synthesis of key components of successful bycatch mitigation programs and potential for integrated replication at high impact sites worldwide  
**S. Hoyt Peckham**, *Grupo Tortuguero de las Californias, Mexico, Duke University, USA*

### **Concurrent session 5: Integrating social complexity**

**8:30 to 10:30**

8:30 Building capacity in Caribbean fisherfolk organizations  
**Sharon Almerigi**, *People Dynamics Associates, Barbados*

- 8:50 How partnerships and adaptive management can influence Ecosystem Approaches to Fisheries: the case of the Red Sea State in Sudan  
**Gareth Johnstone**, *Johnstone Consult Ltd., Bulgaria*
- 9:10 Can social capital contribute to interactive governance theory? A proposed framework  
**Micaela Trimble**, *University of Manitoba, Canada*
- 9:30 Can “barefoot ecologists” provide scientific/technical support and contribute to improve management in SS-fisheries?  
**Gonzalo Macho Rivero**, *Centro Tecnológico del Mar - Fundación CETMAR, Spain*
- 9:50 Stewardship for MPA sustainability: a community perspective  
**Ian Ivany**, *Memorial University, Canada*
- 10:10 Small-scale fisher-folks and artificial reefs in Terengganu: a question of access?  
**Jarina Mohd Jani**, *Universiti Malaysia Terengganu, Malaysia*

### **Concurrent session 6: Broadening governance perspectives**

**8:30 to 10:30**

- 8:30 Fisheries networks in the Caribbean: some thinking and testing  
**Patrick McConney**, *University of the West Indies, Barbados*
- 8:50 Participatory small-scale fisheries management in coastal Brazil: implications for fisher’s livelihood and biodiversity conservation  
**Cristiana Seixas**, *Universidade Estadual de Campinas, Brazil*
- 9:10 Conditions, expectations and meta-level thinking in implementing a new fisheries governance system in Korea  
**Andrew Song**, *Memorial University, Canada*
- 9:30 Thinking about how to manage artisanal fisheries in Colombia  
**Lina Maria Saavedra Diaz**, *University of New Hampshire, USA, and Universidad del Magdalena, Colombia*
- 9:50 The Seascapes approach for comprehensive marine management  
**Augustus Montebon**, *Conservation International, Philippines*
- 10:10 Step Zero to marine conservation: driving factors of fishery closures in Newfoundland and Labrador  
**Kim Olson**, *Memorial University, Canada*

### **Poster session:**

**8:30 to 10:30**

Coral reef mapping and surveying: a case study in Selaru Island, Southeast Maluku, Maluku Province, Indonesia  
**Syachrul Arief**, *National Coordinating Agency for Survey and Mapping, Indonesia*

Relationship between the wreck of small-scale fishing equipment and ghost fishing in Guadeloupe (French West Indies) with palliative proposals for a better long-lasting management of biodiversity

**Jean-Luc Bouchereau**, *Université des Antilles et de la Guyane, Guadeloupe*

Quantitative analysis on the catch-effort data from small-scale fisheries in Baía de Todos os Santos and Baixo Sul, State of Bahia, Northeast Brazil

**Rodrigo Campos**, *SOMA Desenvolvimento e Meio Ambiente, Brazil*

Loss and abandon of fishing gears in Southern Brazil and risks of occurrence of ghost-fishing

**Paulo de Tarso Chaves**, *Federal University of Parana, Brazil*

Qualitative and quantitative analysis of the fishing boat in Macaé, Rio de Janeiro state, Brazil

**Márcia Regina Fragoso Machado**, *Centro de Aqüicultura da Universidade Estadual Paulista, Brazil*

Composition of the mixture fished for the artisan fleet of the estuary of the São João River, the coast north of Rio de Janeiro - Rio de Janeiro State, Brazil

**Márcia Regina Fragoso Machado**, *Centro de Aqüicultura da Universidade Estadual Paulista, Brazil*

Analyses of the captures of the artisan boats of the estuary of the São João River, the coast north of the Rio de Janeiro State

**Márcia Regina Fragoso Machado**, *Centro de Aqüicultura da Universidade Estadual Paulista, Brazil*

Biological aspects of Sciaenidae *Paralonchurus brasiliensis* captured in different isóbatas in the coast of the north Rio de Janeiro state, Brazil

**Márcia Regina Fragoso Machado**, *Centro de Aqüicultura da Universidade Estadual Paulista, Brazil*

Hard clam (*Meretrix* spp.) and ridged venus clam (*Paphia crassisulca*) fishery in Kapor Bay

**Jumpitta Kotchawong**, *Kasetsart University, Thailand*

Evaluation for survival ability and the effect on growth performance of *Litopenaeus vannamei* with two candidate probiotic groups

**Weerasith Khaopong**, *Burapha University, Thailand*

Competency of small scale aquaculture farmers towards increasing production of extensive management system: case study in Phantai Norasing District, Samut Sakhon Province, Thailand

**Monruedee Popradit**, *Kasetsart University, Thailand*

Dynamics of the shrimp fleet in Bahía Magdalena-Almejas, Baja California Sur, México: cartography and fisheries indicators

**Miguel Ángel Ojeda-Ruiz**, *Universidad Autónoma de Baja California Sur, CICIMAR-IPN, Mexico*

Red octopus' (*Octopus maya* Voss y Solis, 1967) landings from the littoral of Campeche: time series analysis

**Maurilia Irene Pérez-Sánchez**, *Universidad Autónoma de Campeche, Mexico*

Mud crab fisheries in Kapor Bay, Ranong Province  
**Praveena Chaono**, *Kasetsart University, Thailand*

Assessment of two probiotic groups on marine bacteria and *Vibrio* spp. profiles and survival rate of white shrimp (*Litopenaeus vannamei*)  
**Jumlong Sangsong**, *Burapha University, Thailand*

Collaboration of farmers in developing small and micro community enterprise culture groups: Tacheen plain shrimp farmer groups of Thailand  
**Santien Ajjimangkul**, *Kasetsart University, Thailand*

Bottom set bag net fishery condition in Kapor Bay, Ranong Province of Thailand  
**Waraporn Burirak**, *Kasetsart University, Thailand*

An indicator based approach to assess the state of the Nile perch fishery in Lake Victoria  
**Paul van Zwieten**, *Wageningen University, Netherlands*

Towards recovery of the Humphead wrasse (*Cheilinus undulatus*) in Sabah, Malaysia: tackling illegal, unregulated and unreported (IUU) trade  
**Tun-Min Poh**, *Dalhousie University, Canada*

## MORNING BREAK

10:30 to 11:00

## PLENARY 7: GOVERNANCE LESSONS AND CHALLENGES

11:00 to 12:30

- 11:00 Paradox of fisheries governance: reconciling the decentralization experience vs. community-based management  
**Fikret Berkes**, *University of Manitoba, Canada*
- 11:20 National fisheries departments and small-scale fisheries management: fit for the purpose?  
**Robin Mahon**, *University of the West Indies, Barbados*
- 11:40 Small-scale fisheries governance arrangements: reflections from negotiating them in real life  
**John Kurien**, *International Collective in Support of Fishworkers (ICSF), India*
- 12:00 Panel discussion

## WORKING LUNCH

12:30 to 14:00

Small-group discussion

## AFTERNOON BREAK

14:00 to 14:30

**CLOSING PLENARY: REGIONAL PERSPECTIVES AND WAYS FORWARD**

**14:30 to 16:15**

**SUMMARY AND CLOSING**

**16:15 to 16:30**

