

# SAFARI Symposium Feb 15-17, 2010

## Monday, February 15<sup>th</sup>

### *Session 1: Inauguration, Part A*

Chair: Shubha Sathyendranath

09.00 – 10.40: Inaugural Session

~ Coffee Break (10.40 - 11.10) ~

### *Session 2: Inauguration, Part B*

Chair: N.R. Menon

11.10 – 11.50: **Shailesh Nayak** Remote sensing applications to fisheries: Indian initiative to the improvement of  
(Keynote Speaker) the socio-economics of fishing communities

11.50 – 12.30: **Kenneth Sherman** The application of satellite remote sensing for assessing productivity and fisheries  
(Keynote Speaker) yields of the world's Large Marine Ecosystems (LMEs)

~ Lunch Break (12.30 – 14.00) ~

### *Session 3: Remote Sensing for Fish Harvesting & Related Issues*

Chair: Vivian Lutz

14.00 – 14.20: **Beena Kumari** Phytoplankton patch and tuna forage: A study using IRS P4 OCM

14.20 – 14.40: **Himmatsinh Solanki** Synergistic analysis of signatures of satellite-derived SSHA, SST and chlorophyll  
for the exploration of fishery resources

14.40 – 15.00: **Satsuki Matsumura** The roles of local scientists for the build-up of sustainable fisheries systems using  
high technology, such as satellite information

15.00 – 15.20: **Rajan Nammalwar** Applications of remote sensing in validations of potential fishing zones (PFZs)  
along the coast of North Tamilnadu, India

15.20 – 15.40: **Preetha Nair** Potential fishing zone advisories for the benefit of coastal fishermen along the  
Kerala coast: A case study

~ Coffee Break (15.40 – 16.10) ~

### *Session 4: Remote Sensing for Fish Harvesting & Related Issues*

Chair: Kanthi Yapa

16.10 – 16.30: **Jeffrey Polovina** Applications of satellite remotely-sensed oceanographic data in research on  
(Keynote Speaker) Loggerhead sea turtle pelagic ecology

16.30 – 16.50: **John Field** Using Bayesian networks to estimate primary production and fisheries potential  
from a combination of satellite surface remote sensing and *in situ* observations in  
the Benguela upwelling region

16.50 – 17.10: **Marina Marrari** Effects of environmental variability at frontal systems on zooplankton and fish of  
the Southwestern Atlantic Ocean

17.10 – 17.30: **Jonson Gaol** Remote sensing applications for fishing ground assessment in Indonesian waters

17.30 – 17.50: **Mohammad Zahedur Rahman Chowdhury** Assessing environmental preference of the northern Bay of Bengal pelagic fish  
species using catch-per-effort and remote sensing data

17.50 – 19.30: Refreshments & Poster Session

19.30 – CIFT-Sponsored Dinner & Evening Festivities (TBA)



## Wednesday, February 17<sup>th</sup>

### *Session 9: Implications of Climate on Fisheries*

Chair: Stewart Bernard

- 09.00 – 09.40: **Cara Wilson** (Keynote Speaker) The rocky research to operations transition of ocean color – what’s fisheries got to do with it?
- 09.40 – 10.00: **S. Prasanna Kumar** Is the Arabian Sea responding to global warming?
- 10.00 – 10.20: **Usha Manjusha** Seasonal and interannual changes in oceanographic features and their impact on small pelagic catches off Kerala
- 10.20 – 10.40: **Li Zhai** Phytoplankton phenology on the Scotian Shelf

~ Coffee Break (10.40 – 11.10) ~

### *Session 10: Implications of Climate on Fisheries*

Chair: Mark Dowell

- 11.10 – 11.30: **Thara KJ** Impacts of the Indian Ocean dipole on major pelagic fish species on the Southwest coast of India
- 11.30 – 11.50: **Nidhi Nagabatla** Landscape level management of seasonal floodplains to create resilient Agro-ecosystems
- 11.50 – 12.10: **Adriana Affonso** Fish-habitat relationships in Amazon floodplain lakes: A Remote sensing approach to the pirarucu (*Arapaima gigas*) fishery
- 12.10 – 12.30: **Peter Koeller** The potential of remote sensing in fisheries management: The case of the Northern shrimp

~ Lunch Break (12.30 – 14.00) ~

### *Session 11: Remote Sensing Applications in the Management of Coastal Zones and Fisheries*

Chair: Milton Kampel

- 14.00 – 14.40: **Sei-Ichi Saitoh** (Keynote Speaker) An operational use of remote sensing and marine-GIS for sustainable fisheries and aquaculture
- 14.40 – 15.00: **Kanthi Yapa** Coastal upwelling along the coast of Southern Sri Lanka during the Southwest monsoon for the period 2003 – 2007
- 15.00 – 15.20: **François Carnus** Monitoring the Southwest Indian Ocean marine and fish resources: The AMESD program
- 15.20 – 15.40: **Ricardo Oscar Amoroso** Medium resolution remote sensing in the coastal zone: A frame for small-scale fisheries assessment in Patagonia (Argentina)

~ Coffee Break (15.40 – 16.10) ~

### *Session 12: Remote Sensing Applications in the Management of Coastal Zones and Fisheries*

Chair: Meenakumari B.

- 16.10 – 16.30: **Mark Dowell** Primary production estimates for global continental margins: the impact of optically complex waters
- 16.30 – 16.50: **Milton Kampel** Estimation of Primary Production for Fisheries Management in the South Brazil Bight, Southwestern-South Atlantic
- 16.50 – 17.10: **Sumisha Velloth** Impact of the 2004 earthquake on the coral environs using remote sensing and GIS: A case study of North Sentinel Island, Andaman
- 17.10 – 17.40: Valedictory Session

17.40 – Optional Dinner