

Section 6.4: Report By the DBCP Capacity Building Task Team (TT-CB)



www.jcomm.info/pangea-concept

DBCP-29
Paris France
25 September 2013

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Lead, DBCP Capacity Building Task Team
NOAA Office of Climate Observation (OCO)

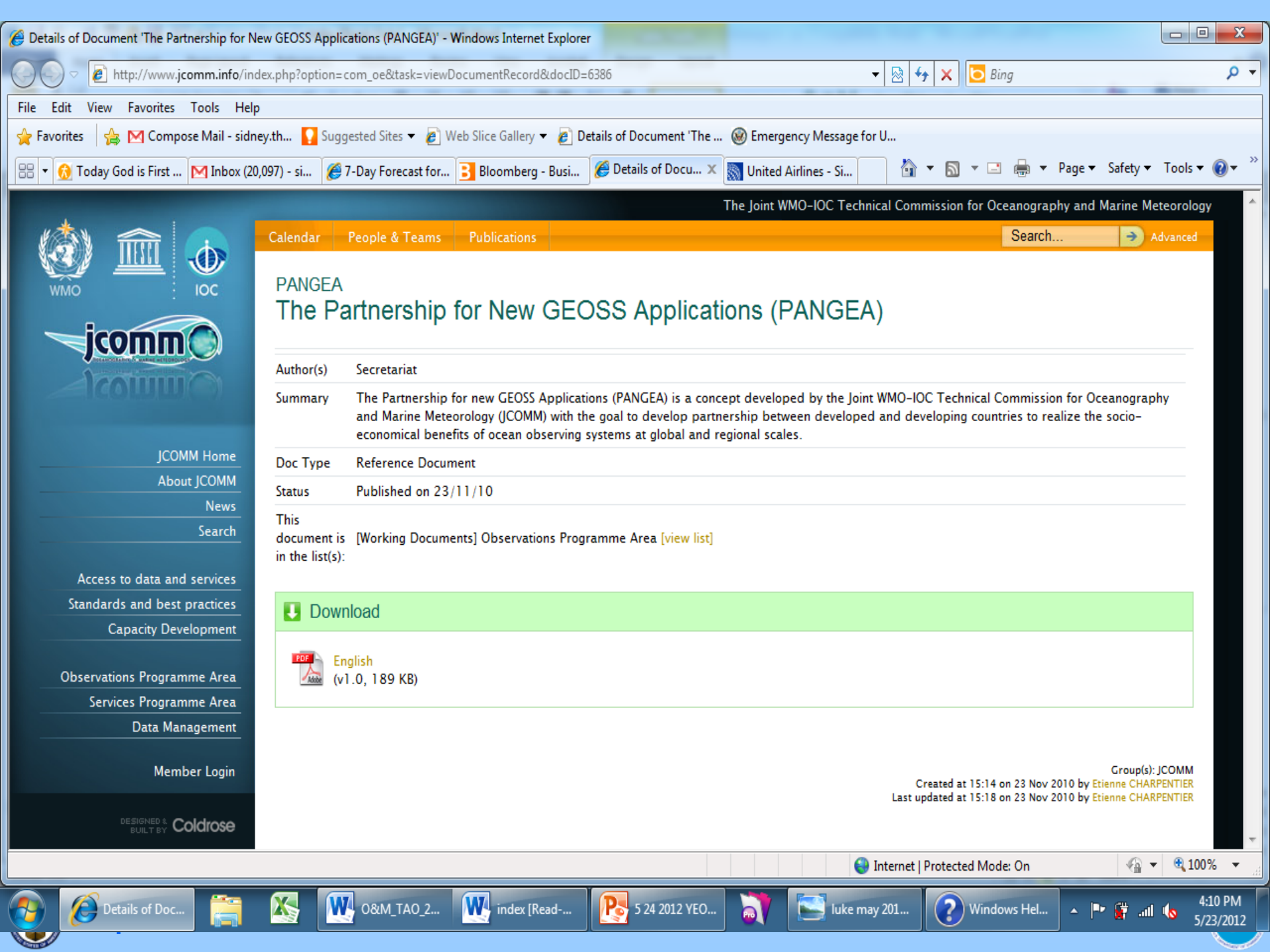
Many Thanks to Capacity Building Task Team Colleagues

Dr Sidney THURSTON, NOAA/OCO (TT-CB Chairperson)	Johan Stander, Dr. R. Venkatesan, NIOT/India (TT-CB Vice-Chairperson)
DBCP Executive Board members, including DBCP Chairperson, Vice-chairpersons (or their respective Deputies)	DBCP Technical Coordinator
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Presentation Outline

- Partnerships for New GEOSS Applications (PANGEA)/ Terms of Reference
- DBCP-CB-Asia1 In-Region Capacity Building Workshop for Asian Countries
- 4th DBCP Capacity Building Workshop for the Western Indian Ocean (WIO-4)
- DBCP NPOMS-2 Application of Regional Ocean Observations for Increasing Society's Understanding and Forecasting of Typhoons
- Action Items for 2014
- Proposed Capacity Building Workshops for 2014






PANGEA The Partnership for New GEOSS Applications (PANGEA)

Author(s)	Secretariat
Summary	The Partnership for new GEOSS Applications (PANGEA) is a concept developed by the Joint WMO-IOC Technical Commission for Oceanography and Marine Meteorology (JCOMM) with the goal to develop partnership between developed and developing countries to realize the socio-economical benefits of ocean observing systems at global and regional scales.
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DBCP Task Team on Capacity Building (TT-CB)

Terms of Reference (as adopted at DBCP-XXIV, Jeju)

- The DBCP Task Team on Capacity-Building shall:
- Initiate, plan and coordinate the implementation of the Training and Capacity-Building work programme including, in particular, the regular Training Course on Buoy Programme Implementation and Data Management;
- Keep under review existing training material (paper and electronic) and advise on updating as well as for the development of new material;
- Review and assess national, regional, and global requirements for capacity-building and develop / improve programmes as appropriate;
- Liaise with other capacity-building programmes in relevant areas to develop and implement integrated activities, to explore potential synergies and opportunities for efficiently using resources available; liaise in particular with the JCOMM cross-cutting Team on Capacity-Building;
- Endeavour to mobilize the resources required for DBCP capacity-building, including those needed for the implementation of the Training Courses;
- Make recommendations to the DBCP Executive Board and / or the DBCP for addressing the issues above; and Report to the DBCP Executive Board and the DBCP at its biennial Sessions.

Recent DBCP Capacity Building PANGEA Workshops for the Indian Ocean



Capetown April 2010



Mombasa Kenya May 2012



Mauritius May 2011



Zanzibar Tanzania April 2013

Regional Workshop on Best Practices for instruments and Methods of Ocean Observation

NIOT Campus, 19 – 21 November 2012

Inaugural Function



The Workshop was inaugurated by Shri Ananatha Narayanan Director Naval Physical Oceanographic Laboratory Kochi Al Wallace Chair DBCP and Etienne Charpentier WMO participated and conducted this workshop

WMO & UNESCO IOC
DBCP , NIOT, BOBP IGO, BOBLME
Regional Workshop on Best Practices for instruments and Methods of Ocean
Observation

NIOT Campus, 19 – 21 November 2012

Deliberation



120 delegates from 19 countries participated.

Through WMO and UNESCO - IOC

Bangladesh, Malaysia, Sri Lanka, Kenya, Oman, Pakistan, Korea, Kenya Indonesia, Myanmar and Thailand.

26 industries, out of which, 19 delegates from abroad.

33 presentations were made

Regional Workshop on Best Practices for instruments and Methods of Ocean Observation

NIOT Campus, 19 – 21 November 2012

Hands on Demo - 9 stalls



4th In-Region DBCP Western Indian Ocean Capacity Building Workshop WIO-4



Fourth DBCP In-Region Capacity Building Workshop for the Western Indian Ocean (WIO-4)

Zanzibar Tanzania
29 April – 3 May 2013



- Hosted By the Tanzania Meteorological Agency (TMA) Dr. Agnes Kijazi, WMO Permanent Representative &
- Tanzania Institute for Marine Sciences (IMS) Dr. Desiderius CP Masalu, Director
- Forty Participants from WMO Regional Associations I & II

www.jcomm.info/wio-dbc4

WIO-4 Zanzibar Tanzania

The Organizers wish to Thank the IOC Perth Regional Program Office for its Strong Support



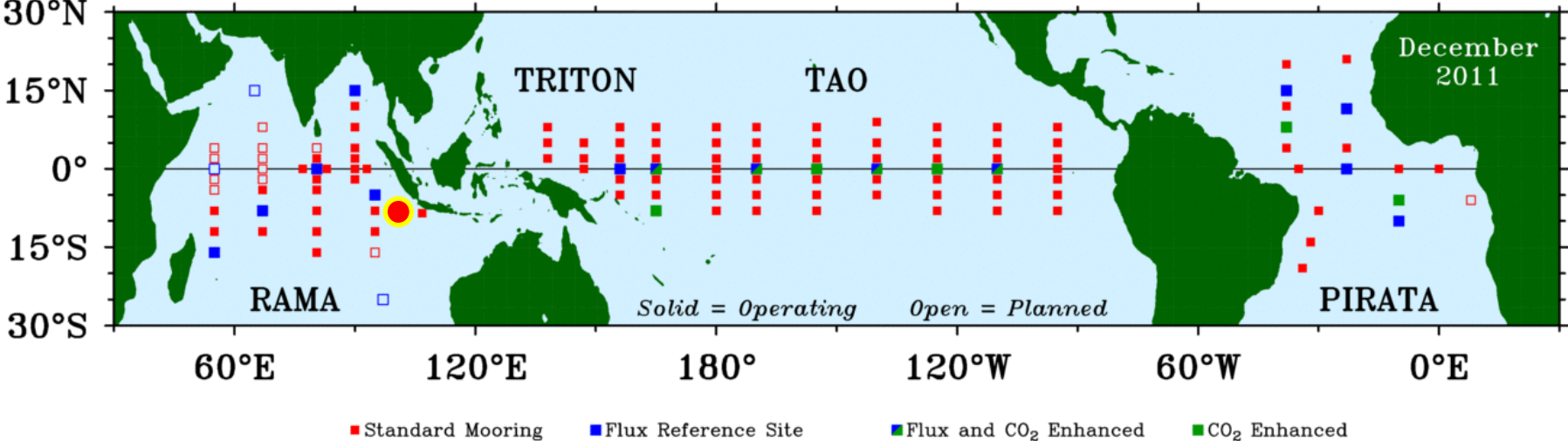
Bio-physical Interactions in the Western Indian Ocean



NCEP Climate Forecast System (CFS) Discussions

China FIO Bailong Buoy Position

Global Tropical Moored Buoy Array



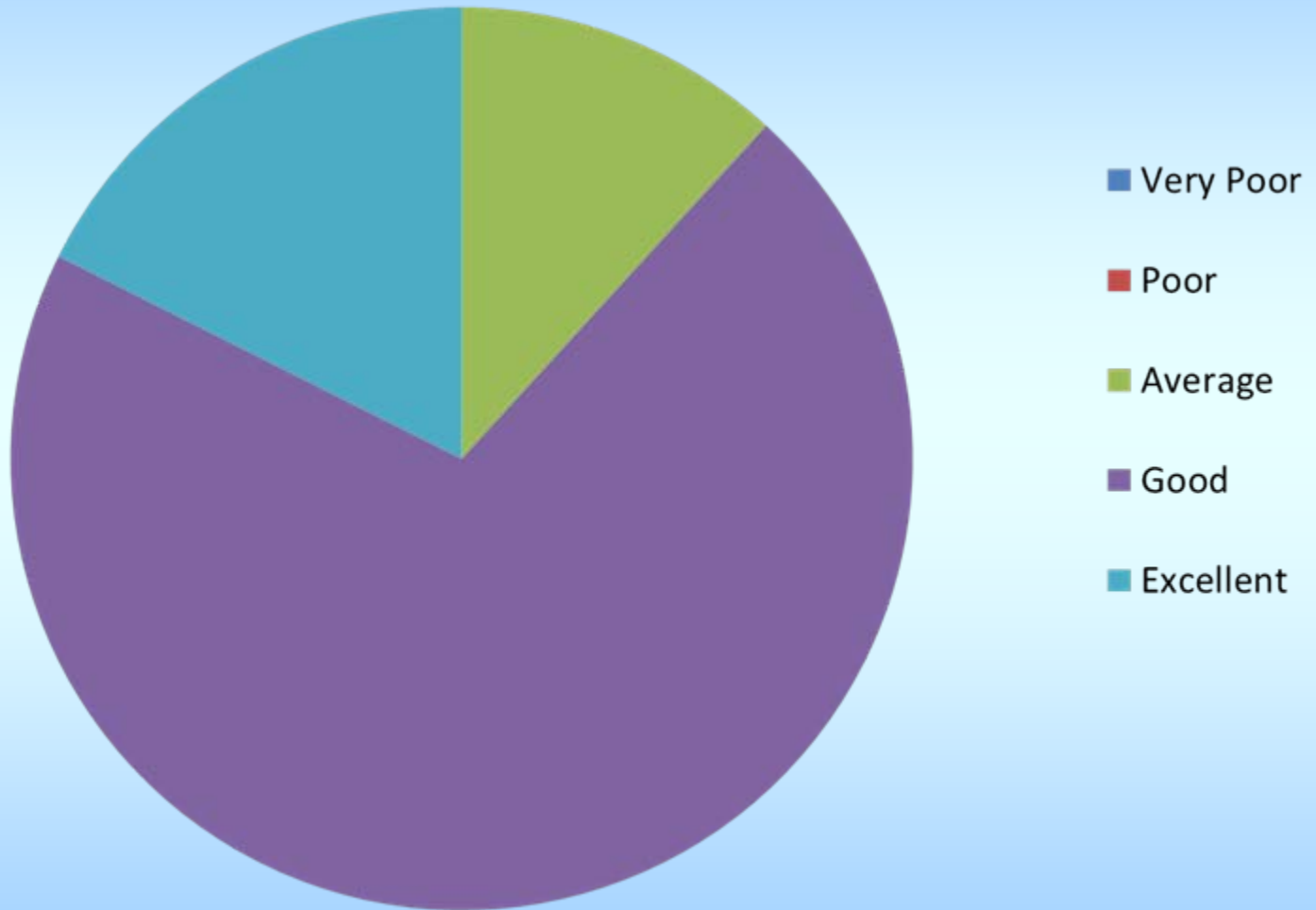
TAO Project Office, NOAA/PMEL



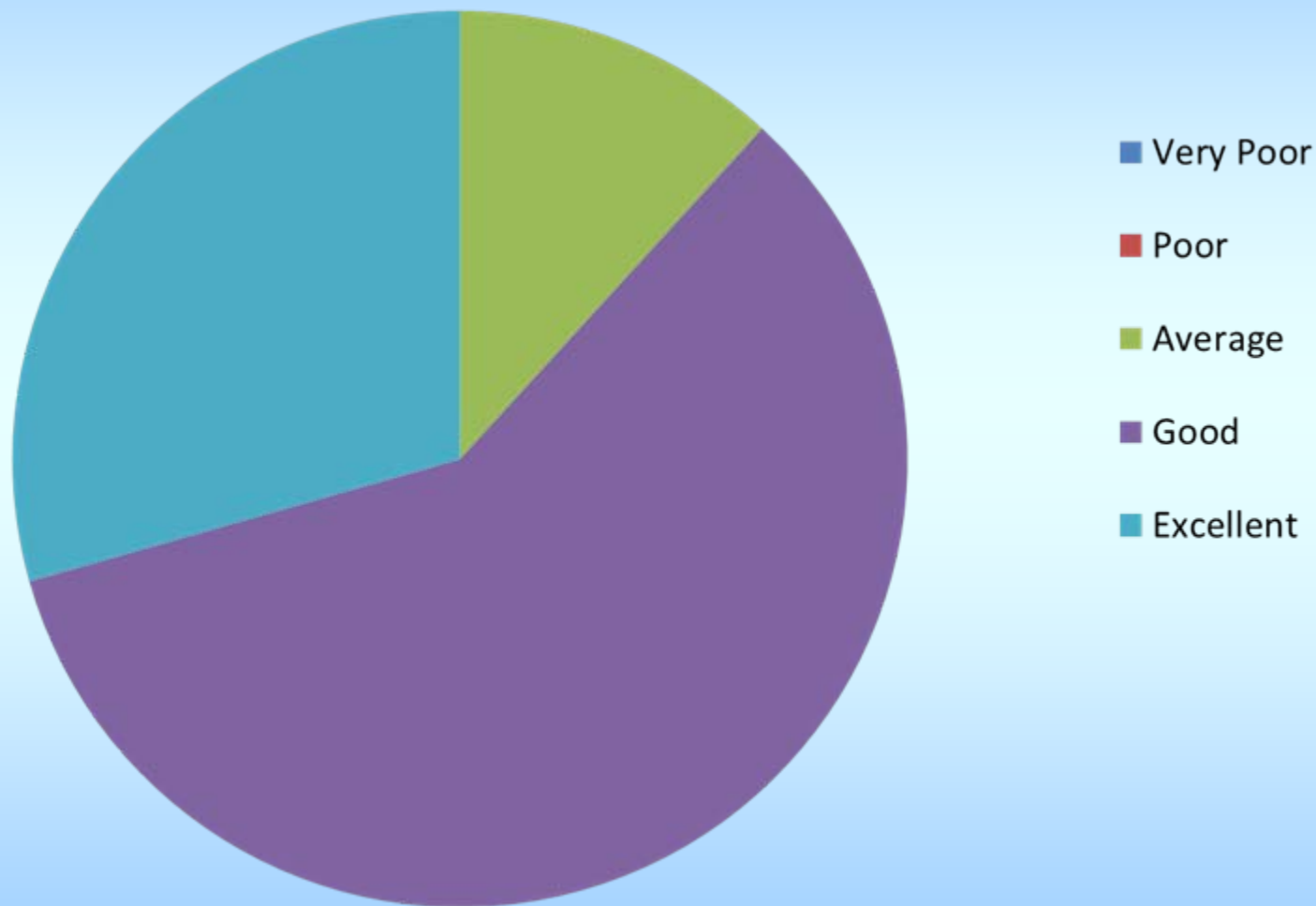
Two (2) FIO Training Opportunities for African Colleagues at FIO in Qingdao

- FIO treats Western Indian Ocean Capacity Building as one of its priorities
- FIO contributed to Training activities at FIO at the master or PhD level during the Summer 2012 and will do so again Summer 2013,
- One trainee will focus on the data analysis (RAMA data and others) and scientific application,
- The other trainee will focus on the technical develop, including the AWS integration and or Bailong buoy technology,
- The two trainees visited FIO for 3 months, fully supported by FIO, including the round trip economic flight, local accommodation and subsidy.

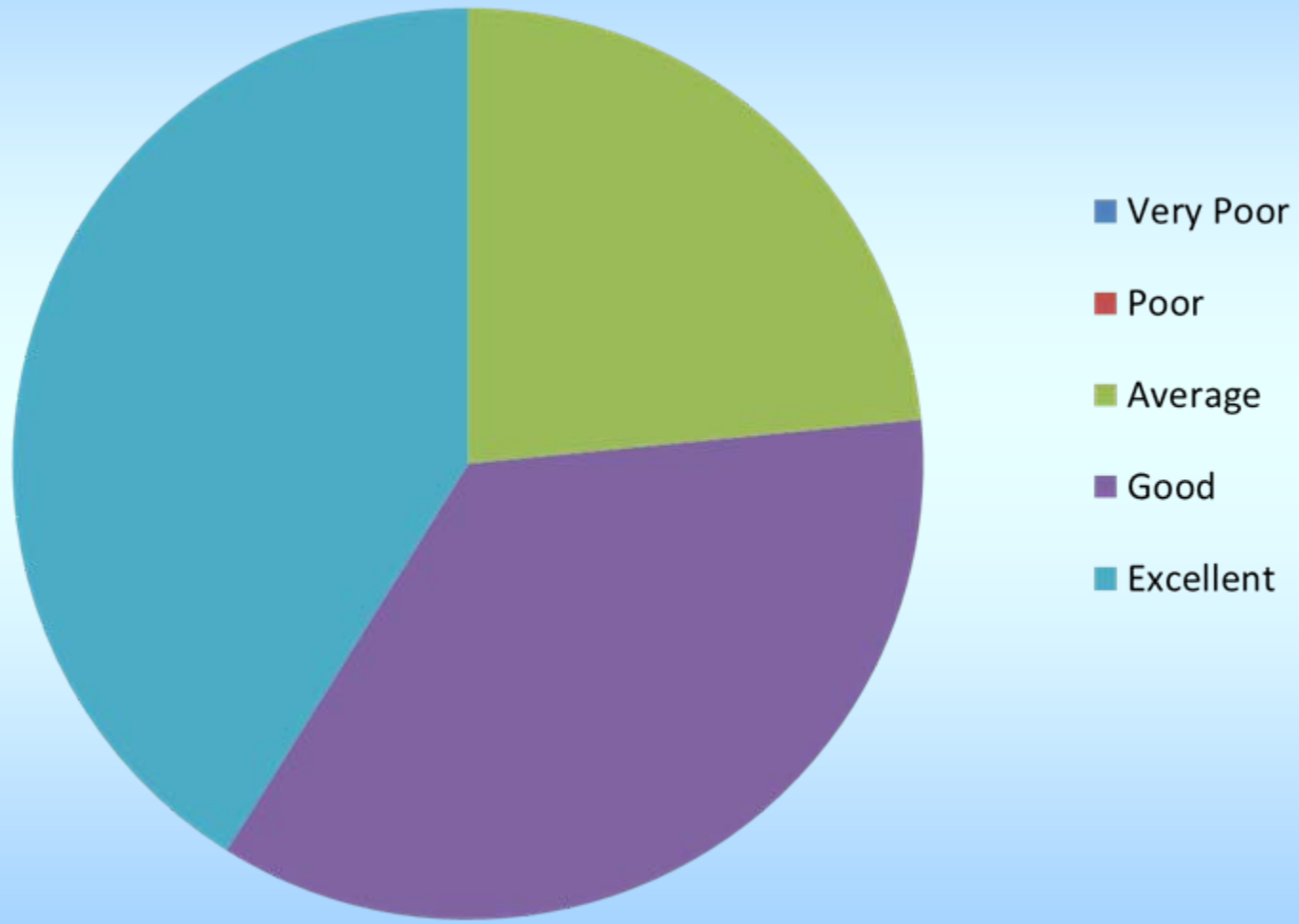
How Would you Rate WIO-4



How would you rate the organization, planning, and advance preparation for the WIO-4 workshop?



How would you rate the WIO-4 workshop venue / location?



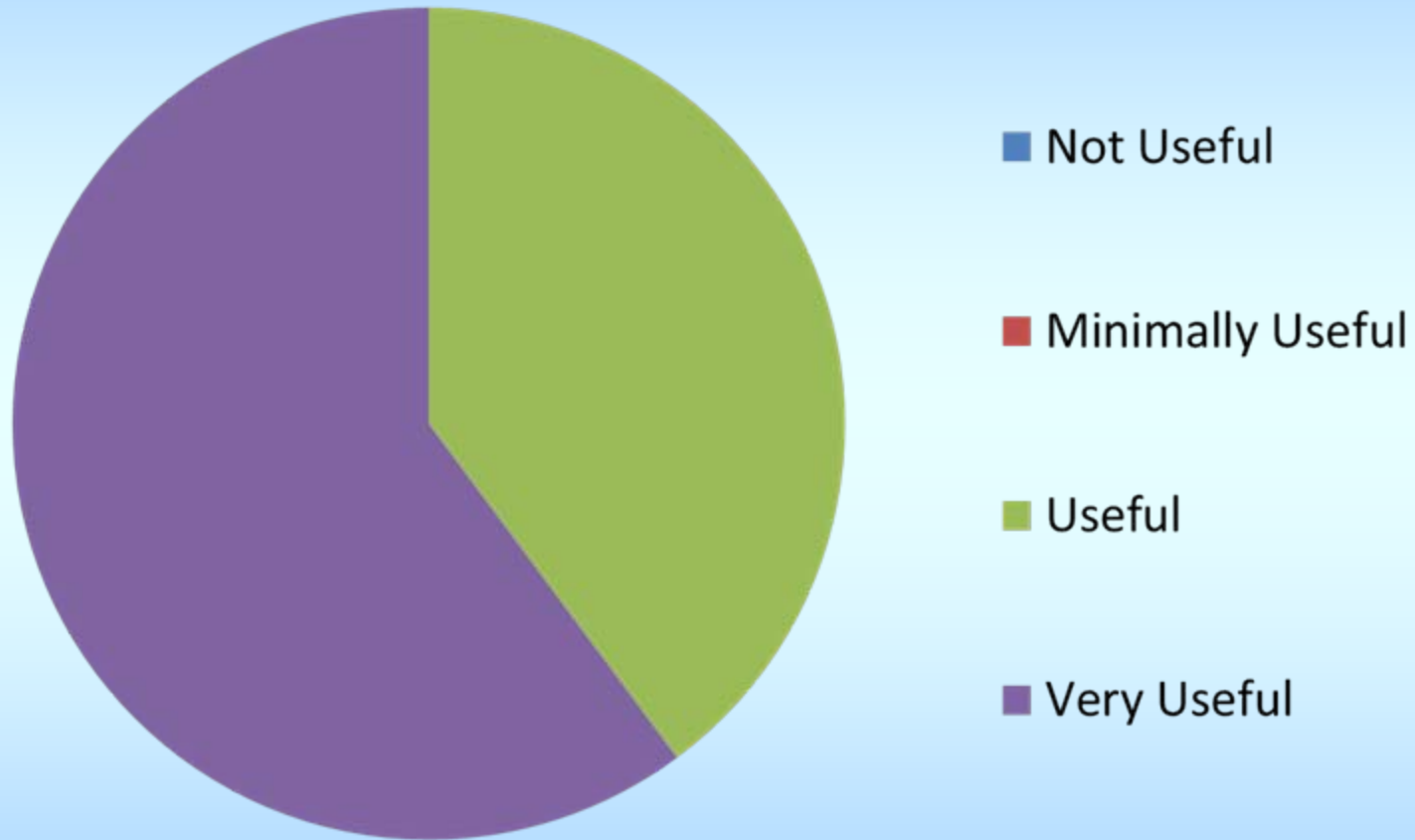
What Did You Like Best About The Training?

- Exchanges of information, hearing about new technologies, feedback from participants
- The engagement with participants and the collegiate atmosphere. Our hosts were very gracious and accomodating
- The participants came out of their shell and by the end of the week the discussions were more two-way. I enjoyed the presentations by Wassila, Walt, Gary and Kelly - mostly because it were more "hands-on". Most of the presentations were relevant. The last session was also important to see things from a WMO/JCOMM perspective.
- It was a well organized and facilitating training workshop for the officers/scientists of developing countries engaged in enhancing capabilities in cyclone related disasters areas in their countries.
- Training on marine weather both Ocean forecast and Marine weather and its important for safety, DBCP program and need of installing buoys in the Indian Ocean. Collaborations between Global Centres and National Meteorological and Hydrological Services

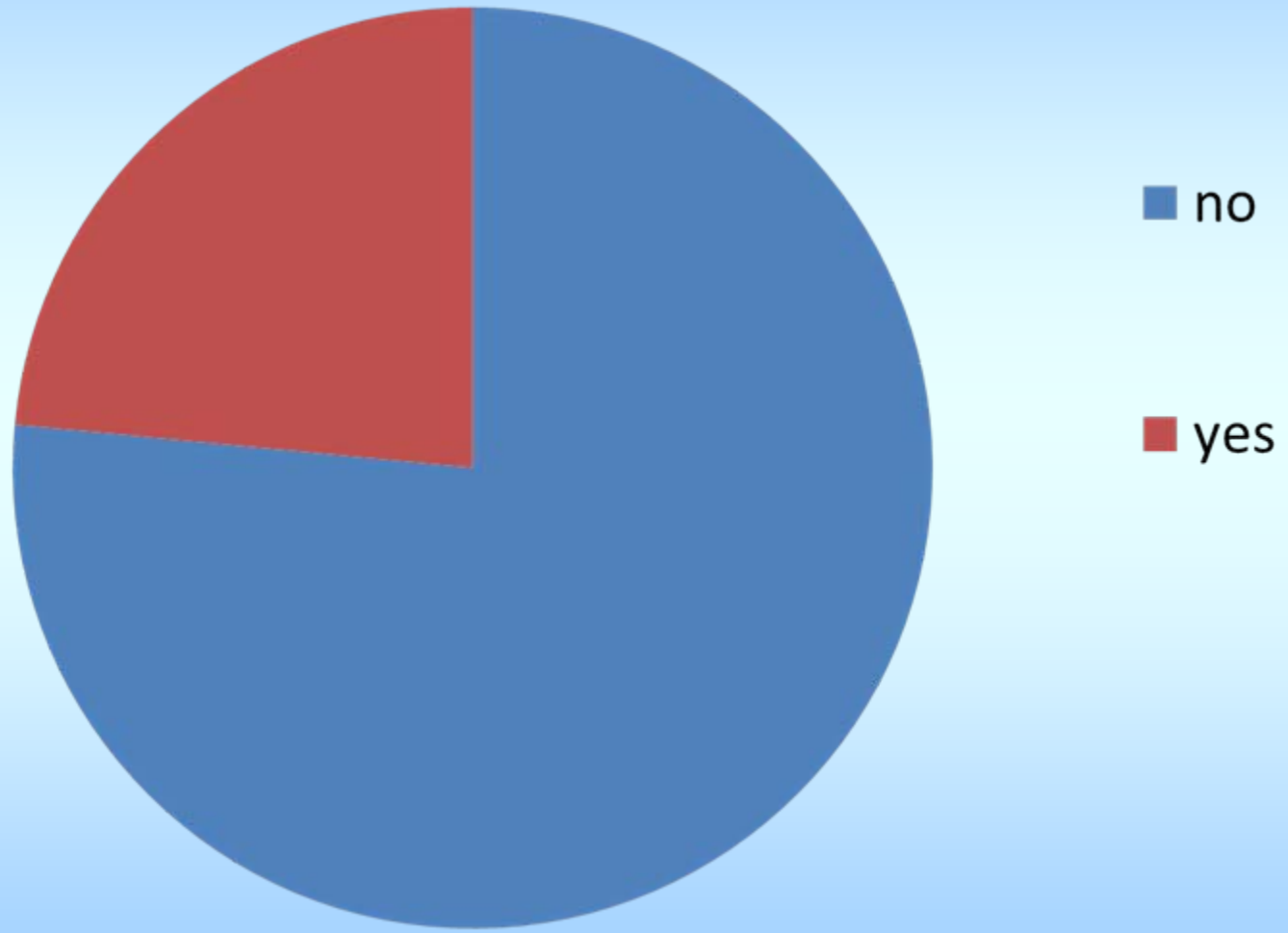
What Did You Like Least about the WIO-4 Workshop?

- Too many powerpoints and not enough time for hands-on training
- Technology was a limitation and impacted what could be achieved with the practical demonstrations
- It felt that some time was wasted. It was good to be given the opportunity to go to the new buildings of the IMS, but that half a day, combined with Friday's half day meant that actually we could've finished by Thursday.
- It was also a little disappointing that only some participants downloaded Wassila's program and data set before hand That wasted time. The lack of internet also made things a bit difficult.
- There were limited sessions for practical trainings
- Too much theory

How useful was the information presented at the WIO-4 workshop, for you or your home institution?



Did you feel there was adequate time for hands-on training at the WIO-4 workshop?

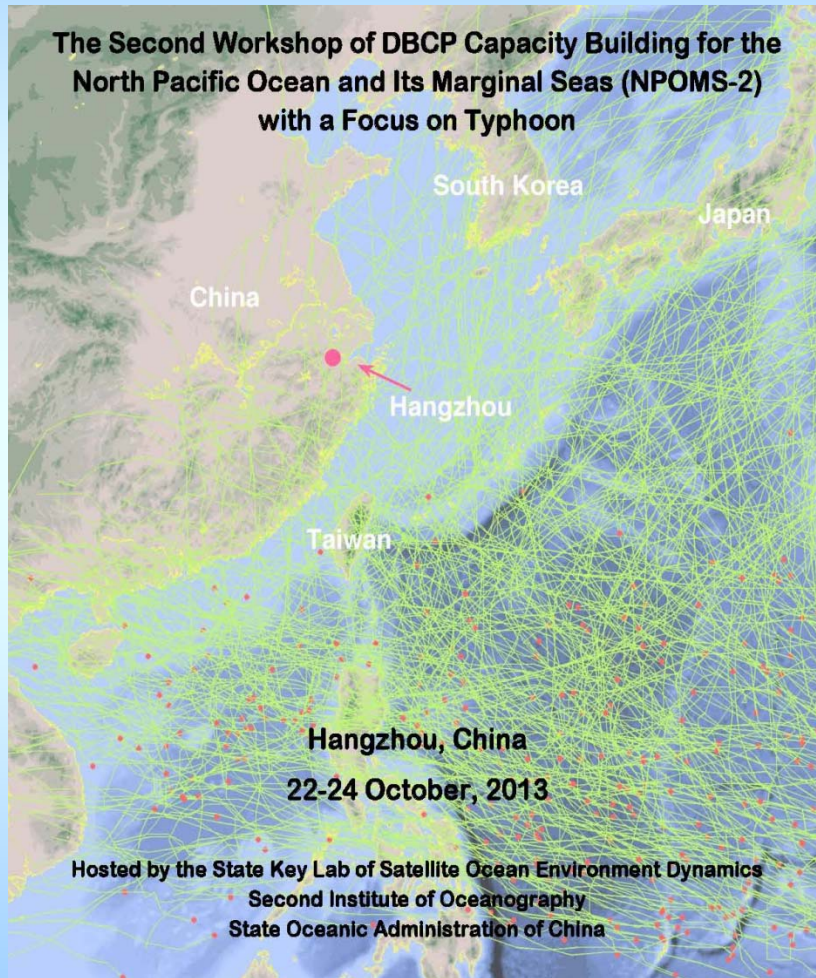


■ no

■ yes

DBCP NPOMS-2 Application of Regional Ocean Observations for Increasing Society's Understanding and Forecasting of Typhoons

22-24 October 2013 in Hangzhou China



- Review recent, on-going and planned regional programs on typhoon and its interaction with the ocean,
- Discuss new advances in our understanding of the processes and mechanisms of typhoon-ocean interaction,
- Explore the possibility of regional collaboration to improve typhoon observation and prediction,
- Demonstrate the crucial role of ocean observations in the Western Pacific, such as for understanding and predicting regional cyclogenesis,
- www.jcomm.info/NPOMS-2

Action Items from TT-CB Meeting Yesterday

- TT-CB needs stronger links to the JCOMM services (SFPA), observations (OPA), Data Management,
- TT-CB should Coordinate Preparations with 2nd International Indian Ocean Expedition,
- TT-CB should Connect with IODE for ICT Advances,
- TT-CB should coordinate with WMO Capacity Development Strategy toward Sustainable Development and Climate Change,
- TT-CB should Develop Indicators of Success,
- TT-CB Should Coordinate with RMICs to avoid Duplications of Effort.

Proposed 2014 Workshops

- April/May: WIO-5, South Africa, DBCP Co-Hosts Agulhas Somali Current Large Marine Ecosystems Program (ASCLME), NOAA
- October: NPOMS-3 in Japan, DBCP Co-Hosts Japan Disaster Prevention Research Institute (DPRI), NOAA
- 2015: Asia-2 in India, DBCP Co-Hosts NIOT, and Other Partners

THANK YOU

DBCP Capacity Building 2013



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DBCP Capacity Building Task Team