BCC Data and Information Management
13 October 2014
Zukile Hutu
Data and Information Manager
Outline

- Role of Data and Information
- Regional Data Policy
- Regional Data and Systems
- DIM Working Group
- DIM Work and Budget Plans 2015 - 2019
Data and Information Management

- Responsible for the ICT systems of the Secretariat
- Design, develop, implement and upkeep of regional data and information management systems (SEIS, GIS, Web, Data centre, etc)
- Conduit for data and information sharing within and between BCC stakeholders
- Custodian of the Regional Data and Information Sharing Policy
- Establishment of DIM working which is responsible for, *inter alia*;
- Establishment and maintenance of relations, partnerships and collaborations with other similar national, regional and international organisations
• DIM - assumed duties in April 2014
• Position was vacant for the past 2 years, there had been no activities for the said period
• Middle of the financial and development of a five year strategic programme, the current year will be;
  • more for familiarisation, collection of information,
  • for reviving structures such as the working group, and
  • for development work and budget plan for the next five years
Regional Data Policy

- Adopted by MB on 23 November 2012
- Specifies the protocols and procedures to be used by all producers and users of data, metadata and information
  - collected and/or held under the auspices of the BCC or relevant data,
  - information and metadata collected and/or held by the Contracting Parties to the Interim Agreement, and
  - the approach and procedures to data submission, data management and access to data and metadata.
- Section 2: Ownership and Intellectual property
  - National Jurisdiction
  - Publication of regional data and information
  - BCC data may not be traded or used for commercial gain
- Section 4: Data Submission
- Section 6: Data and information access and release
NANSEN DATA

- Received Nansen data from IMR - collected under the BCC transboundary survey projects.
- Visited IMR in August to learn more about the data and Nansis database
- Raw data is now available at BCC on request
- Cruise reports will be made available on the website.
- Surveys conducted - aim to provide descriptions of the distribution, composition and abundance of the most important resources of fish and shellfish.
- Pelagic surveys
  - Namibia - pilchard, anchovy, round herring (Etrumeus whiteheadi) and Cape horse mackerel are studied, being the pilchard and anchovy the species with bigger focus
  - Angola - two groups - the type 1 - pilchards (Sardinops ocellatus), Sardinellas (Sardinella aurita and S. maderensis), Anchovy (Engraulis encrasicolus) and Ilisha (Ilisha africana);
  - type 2 - horse mackerels (Trachurus capensis and T. trecae), other Carangidae (Chloroscombrus chrysurus, Selene dorsalis), Scombridae (Sarda sarda, Scomberomorus trito, Scomber japonicus, Euthynnus alletteratus), barracudas (Sphyraena guachancho and S. sphyraena) and hairtail (Trichiurus lepturus).
• Combined surveys - gather assessments of pelagic and demersal resources

• Demersal surveys - aim to map and describe the distribution, composition and abundance of the main demersal species within the surveyed area, by using bottom trawl and the swept-area method. In addition, hydrographical, biological and stomach content information is collected as phytoplankton and zooplankton samples, although not systematically
DATA SERVER
• Procurement process started
• Data repository for the region
• Host restricted data – accessible on request

WEBSITE
• Dedicated data and information section
• BCLME and Benefit reports – uploaded
• NANSEN cruise reports – being uploaded

SEIS
• Discussion document – developed
• Regional workshop of senior scientists and managers
• Produce new terms of reference
• Reconstituted – include all sectors of the BCC
• 7 of the 12 departments/ministries have nominated representatives
• Meeting – 11 November 2014 – Windhoek
• Main focus – ensure support and delivery inline with BCC SAP 2015 – 2019 by;
  • Developing work and budget plans for the period
  • Sensitising the BCC and member states - data and information is central to the success of provision of management advice.
  • Mobilise for investment in infrastructure and human resources.
  • Development of data collection and submission protocols that will amongst other things, define standards, technology and platforms to be used in the region to ensure conducive environment for sharing and exchange of data.
  • Encouraging and assisting member states in setting up their systems, hiring the right skills for data and information management and harmonise different systems and policies.
  • Development and implementation of data and information plan for all projects and or survey whether at BCC (regional) or national (country) level
• Guided by BCC SAP 2015 – 2019
• Inline with and provide support to the SAP
• Address weaknesses and plan for threats identified during SAP development
  • Data management (weakness)
  • Lack of data (threat)
• Under BCC Strategic Plan the following activities are identified
  • BCC data policy reviewed and updated
  • Regional data centre established
  • Robust information portal in place
  • SEIS implemented
  • Data and information working group functional
  • Data management manual produced for the BCC funded projects
  • Published Research findings