Session 2: Reports from ICRI bodies
GCRMN updates

GCRMN East Asia
APCRS 2014

Tadashi Kimura
Japan Wildlife Research Center

29th ICRI General Meeting
20th - 23rd October 2014, Okinawa Institute of Science and Technology
Date: Jene 23-27, 2014

Venue: Pingtung, Taiwan

Host: National Museum of Marine Biology and Aquarium

Theme: Challenges of Asia-Pacific Coral Reefs under the Changing Ocean
Participants: 512 from 39 countries

scientists, students, governmental and non-governmental managers and conservationists

Mini-symposia: 19

Omic approaches for coral reef biology, Functional approaches in coral reef ecosystem, Biodiversity, evolution, ecology and biogeography, Coral symbiosis and Dinoflagellate biology, Long-term reef monitoring for ecological research, Impacts of climate change, Changes of biogeochemical parameters and effects on reef management, ...
1. Coral reefs, as one of the most diverse ecosystems in the ocean, provide valuable ecological, economic, and cultural functions to people. Ensuring healthy coral reef ecosystems is important to sustaining human society.
2. Approximately 25-30% of the world’s coral reefs are already severely degraded by local impacts of over-harvesting, pollution, and habitat destruction. These impacts are still increasing.
3. Carbon dioxide and other greenhouse gas emissions are the main drivers of ocean change including warmer seawater temperature, rising sea-level, increasing storm frequency and/or intensity, and ocean acidification which in particular causes decreased calcium carbonate deposition in corals and other reef-associated organisms. As a consequence, global scale impact is expected. Greenhouse gas emissions must be reduced to prevent coral reefs from extinction.
4. Improving management efficiency will allow protected coral reefs to develop better adaptive capacity to respond to ocean changes.
Ensuring the future of coral reef ecosystem and preventing it from extinction by the end of this century are everyone’s responsibility. Healthy coral reefs mean healthy human society.
GCRMN East Asia Regional Meeting on regional data analysis

- Date: 24/June/2014, 16:30-18:00
- Venue: M-104, Howard Beach Resort
- Participants: 18 people from 11 countries and states
  (Indonesia, Malaysia, Philippines, Singapore, Thailand, Vietnam, China, Hong Kong, Taiwan, Japan, Republic of Korea)
Regional data analysis?

- Agreed more in-depth regional analysis beyond status reporting

- issues:
  - fund
  - method
  - data ownership
Regional data analysis?

- Agreed more in-depth regional analysis beyond status reporting

- issues:
  - fund
  - voluntary work
  - method
  - data ownership
Regional data analysis?

- Agreed more in-depth regional analysis beyond status reporting

- issues:
  - fund
  - method
  - data ownership
  - voluntary work
  - regional expert team
  - national coordinators
Agreed more in-depth regional analysis beyond status reporting

issues:

- fund
- voluntary work
- method
- regional expert team
- data ownership
- national coordinators

“sustainability” & “capacity building” in the region
1. Assessment of *data availability* with national coordinators

2. Formulate a *core team* with regional experts

   (Danwei Huang, Colin Wen, Vivian Lam, Allen Chen, Karenne Tun, Vo si Tuan, Put Ang, Chou Loke Ming...)

3. Develop appropriate *method* of meta-data analysis & *mechanism* of data collection
1. Assessment of *data availability* with national coordinators

2. Formulate a *core team* with regional experts

   (Danwei Huang, Colin Wen, Vivian Lam, Allen Chen, Karenne Tun, Vo si Tuan, Put Ang, Chou Loke Ming...)

3. Develop appropriate *method* of meta-data analysis & *mechanism* of data collection