



*Jeremy B.C. Jackson,
GCRMN Science Director*

*Anthony J. ('Andy') Hooten
Global Coordinator*

*Vivian Lam, Research &
Deputy GCRMN
Coordinator*

The Problem

Current lack of:

1. *Transparency* of the quality of monitoring methods and data over time and space
2. *Accessibility* of basic monitoring data in user-friendly format
3. *Scientifically credible baselines* and trajectories of change
4. *Comparison* of GCRMN data against the scientific, peer-reviewed literature
5. *Group discussion and participation* by the data producers of emergent patterns and trends prior to publication

A Renewed GCRMN

Two broad objectives

1. Scientific reevaluation

a. Compile a database of all available rigorous quantitative data for corals, algae, fish, and mobile invertebrates for each ocean region

b. Convene regional workshops with participation by data contributors to

- ✓ assess and evaluate long-term status and trends within each region
- ✓ Prepare results for publication in regional GCRMN reports and papers in scientific literature
- ✓ Identify potential iconic reef sites for future intensive monitoring and research

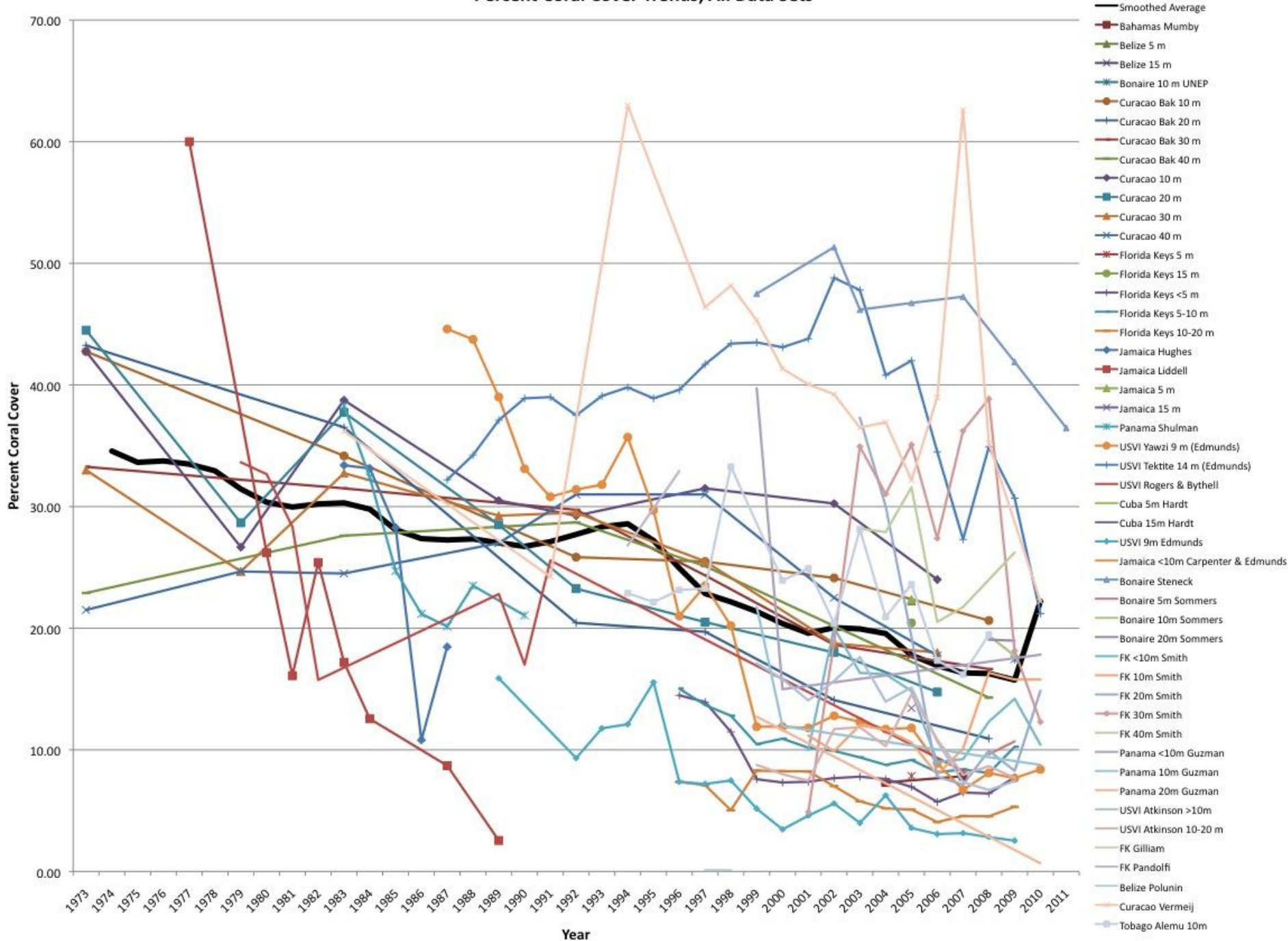
A Renewed GCRMN

Two broad objectives

2. Application of results to future monitoring, management, and policy

- a. Exploit the workshop experience to enhance discussion among participants about methods of monitoring and data analysis
- b. Move beyond monitoring to apply the results to fundamental questions in reef management
 - To what extent does local protection increase resilience to climate change, coastal development, etc?
 - What are the limitations to adaptation?

Percent Coral Cover Trends, All Data Sets



GCRMN Global Coordination

- Renew and further strengthen routine communication between the GCRMN coordination team, its Regional Networks, ICRI and its members
- Provide Regional Networks and Countries with technical assistance, networking and in seeking financial support and funding mechanisms for monitoring
- Coordinate Reporting
- Advocate adjustments in methods using comparable measures that can be realistically shared and implemented among GCRMN partners
- Regional meetings as a cornerstone for active communication, engagement, sharing insights, learning & network exchange
- Assist IUCN with fundraising for GCRMN and monitoring activities (e.g. small grants)

Calendar

- **January, 2012 begin regional communications with Network members**
- **May, 2012 – Caribbean & Eastern Pacific Regional Workshop - Data contributors & Regional ICRI representatives**
- **July, 2012 – Present scientific results at ICRS**
 - **Report to ICRI on Caribbean outcomes & adapt coordination model**
 - **begin assembling key Coral Triangle contacts and information**
- **December, 2012 Tropical Americas Regional Report and scientific publications**

Calendar

- **2013 - CTI Regional Workshop**
- **2014 - WIO Region & Red Sea Region**
- **2015 - Global Synthesis Report**

