Workshop Agenda

Connectivity Science and Coastal Reef Management in the Caribbean

Best Western Belize Biltmore Plaza, Belize City

9-11th November 2009

Monday, 9th November

8:30  Registration, coffee

9.00-9.15  Introductions/Welcome (Hanneke VanLavieren - UNU-INWEH, Beverly Wade - Belize Fisheries, Alex Martinez - TNC)

Session 1: Links between Connectivity Science and Reef Management

9.15  Building scientific capacity for reef management – Connectivity in the CRTR project
   Peter F. Sale, UNU-INWEH, Chair, Connectivity Working Group, Hamilton ON Canada
   Presented by: Anthony J. Hooten, AJH Environmental Services, Bethesda, MD

9.45  Connectivity and resilience of coral populations: why we need to protect pristine reefs no matter in whose country they reside
   Alina Szmant, University of North Carolina, Wilmington NC

10.15  Spiny lobster connectivity in the Caribbean – management outside the MPA box
   Mark J. Butler IV, Old Dominion University, Norfolk VA

10.45  Coffee Break

11.15  Research in Belize: assisting in decision making
   James Azueta, Belize Department of Fisheries, Belize City

11.45  Seaweed as indicators and drivers of coral reef health
   Robert S. Steneck, University of Maine, Walpole ME

12.15  Final comments on session

12.30  Lunch

Session 2: Building Knowledge of Connectivity of Reef Species

2.00  Integrating science and management: the role of larval dispersal models in predicting population connectivity and its use for spatial management & conservation
   Claire Paris, RSMAS, University of Miami, Miami FL

2.30  Coral population connectivity: Patterns, influences and implications of genetic structure
   Tonya Shearer, Georgia Institute of Technology, Atlanta GA

3.00  Incorporating connectivity in MPA network design: needs, realities and lessons learned
   Hanneke van Lavieren, UNU-INWEH, Hamilton ON Canada

3.30  Coffee Break

4.00  Discussion session: role for managers in building connectivity science
5.00 Close of day
6.30 Dinner at hotel (for hotel guests only)

Tuesday, 10th November

Session 3: Connectivity Needs for Managing the Mesoamerican Reef

9.00 Introduction – connectivity is important, but it is only one issue
Peter Sale, UNU-INWEH, Canada

9.30 Connectivity & management of fisheries in Banco Chinchorro & Parque Nacional Arrecifes de Xcalak, México
Maria del Carmen Garcia, CONANP, Chetumal, México

10.00 Where are we after five years of marine conservation in the Mesoamerican reef?
Julie Robinson Stockbridge, The Nature Conservancy, Belize

10.30 Coffee Break

11.00 Discussion session: what are the primary connectivity issues for reef management

12.00 Lunch

2.00 Genetic tools and applications in connectivity science & coastal reef management in the Caribbean
Derek Hogan, Tulane University, New Orleans LA

2.30 Eco-health Report Cards - A new tool for science based management, education & accountability
Melanie McField, Healthy Reefs for Healthy People, Smithsonian Inst., Belize City

3.00 Next steps for the CRTR project
Anthony J. Hooten, AJH Environmental Services, Bethesda MD

3.30 Coffee Break

4.00 Discussion session: mobilizing to build for better management

5.00 Close of day

6.30 Workshop banquet dinner and entertainment for all participants

Wednesday, 11th November

Session 4: Connectivity, Coral Reefs and Climate Change

9.00 Opening remarks
Peter F. Sale, UNU-INWEH, Hamilton ON Canada

9.20 Connectivity, Coral-algal symbioses and Climate
Mary Alice Coffroth, SUNY Buffalo, Buffalo NY

9.50 An assessment from the scientists
Brief comments (5-10min) from Mark Butler, Derek Hogan, Alina Szmant

10.30 Coffee Break

11.00 Planning for the future: Final discussion led by Andy Hooten, Peter Sale, Isaias Majil, Alex Martinez

12.00 - CLOSE of WORKSHOP & HOTEL LUNCH