

Mini-symposium 20: Climate Change and Reef Resilience

Thursday 24th June 2010

Time/Place	Meeting room 2	
08:00 – 12:30	Conveners: H. Kayanne, T. Cooper, M. Sutthacheep	
08:00 – 08:15	M. Bon	INFLUENCE OF SOLIBORES IN THE RESPONSE OF <i>PORITES LUTEA</i> TO THERMAL STRESS, SIMILAN ISLANDS, ANDAMAN SEA, THAILAND
08:15 – 08:30	H. J. Hsieh	THE EFFECTS OF THE CHILL EVENT ON SUBTROPICAL CORAL COMMUNITIES IN PENGHU AND POSSIBLE PRECAUTIONARY INDEX (DEGREE CHILLING WEEKS, DCWS) PROPOSED
08:30 – 08:45	S. Nojima	CORAL BLEACHING EVENTS IN SEKISEI LAGOON, YAEYAMA IS., WESTERN RYUKYU IS.
08:45 – 09:00	V. F. Horigue	SENSITIVITIES OF CORAL REEFS IN THE VERDE ISLAND PASSAGE TO CLIMATE CHANGE
09:00 – 09:15	E. Rudi	REEF RESILIENCE STATUS OF NORTHERN ACEHNESE REEF
09:15 – 09:30	D.M. McCowan	A HIERARCHY OF FACTORS WHICH PRODUCE DIFFERENTIAL BLEACHING RESPONSES
09:30 – 09:45	A.H. Baird	EVOLUTION OF THERMAL THRESHOLDS IN CORALS; CAN THEY ADAPT TO THE STRESSES OF MODERN LIFE?
09:45 – 10:00	D.J. Barshis	STRESS RESISTANCE AND RESILIENCE IN <i>ACROPORA HYACINTHUS</i> : GENE EXPRESSION ANALYSES BASED ON HIGH-THROUGHPUT SEQUENCING
10:00 – 10:15	H. W. Tung	SYMBIONT COMMUNITY IN <i>GALAXEA FASCICULARIS</i> ACROSS THE SEA SURFACE TEMPERATURE BOUNDARY
10:15 – 10:30	R. D. Ramos	CORAL ASSEMBLAGE OF MID-HOLOCENE UPLIFTED REEFS ALONG THE NORTHWEST COAST OF LUZON: IMPLICATION ON THE RESILIENCE OF PRESENT-DAY REEFS TO PROJECTED FURTHER WARMING OF SEAS
10:30 -10:50	Coffee Break	
10:50 – 11:00	Conveners: H. Kayanne, T. Cooper, M. Sutthacheep	
11:00 – 11:15	J. T. I. Tanzil	DECLINE IN SKELETAL GROWTH OF THE CORAL <i>PORITES LUTEA</i> FROM THE ANDAMAN SEA, SOUTH THAILAND BETWEEN 1984-2005
11:15 – 11:30	T. Cooper	DECLINING GROWTH RATES IN MASSIVE CORALS ON THE GREAT BARRIER REEF: WHERE TO FROM HERE?
11:30 – 11:45	H. Kurihara	IMPACTS OF OCEAN ACIDIFICATION ON CORAL REEF ECOSYSTEMS
11:45 – 12:00	V. Ransibrahmanakul	THE RELATIONSHIP BETWEEN CORAL REEF RESILIENCY AND SEA SURFACE TEMPERATURE CLIMATE STABILITY
12:00 – 12:15	Discussion & Conclusion	