

## PRELIMINARY TOPIC AGENDA

*Each morning and afternoon session will be followed by a facilitated panel discussion.*

### **DAY 1 - SCIENCE**

#### **AM The role of restoration in overall reef recovery**

- This introductory session will set the tone for the meeting with a few directed talks on such topics as assisted evolution of corals and ecosystem recovery.

#### **PM Translating coral science into restoration activities**

- This session will focus on recent advances in our understanding of coral biology and ecology that should directly influence current and future restoration efforts.
- Proposed topics include selecting for disease/thermal resilience, habitat suitability, symbiosis biology, restoring herbivory, cryopreservation

### **DAY 2 - OPERATION**

**AM Approaches to propagation:** offshore nurseries, land-based nurseries, sexual propagation, live gene banks, non-acroporid restoration, micro-fragmentation/re-sheeting, maintaining genetic diversity

**PM Approaches to outplanting:** biogeography, site selection, ecological manipulations, outplant design, sexual recruits

### **DAY 3 - NEXT STEPS**

**AM Scaling up restoration to the ecosystem level:** monitoring beyond colony survival and growth, connectivity of re-established populations, species recovery, ecosystem recovery, coastal resilience, measures of success, strengthening partnerships, scalability

**PM** To be determined pending statements of interest. Possible breakout sessions include creative funding solutions for coral restoration, and networking to develop collaborations among nursery operators, scientist, and managers.