



Course Dates:
March 25–31, 2018

MOTE MARINE LABORATORY

CORAL RESTORATION WORKSHOP II

Learn coral “micro-fragmentation” techniques for reef restoration using multiple massive coral species, at Mote Marine Laboratory’s Elizabeth Moore International Center for Coral Reef Research & Restoration (IC2R3), on Summerland Key in Florida, U.S., with Dr. David Vaughan. During this intensive workshop, you will learn all techniques necessary to conduct cutting edge coral fragmentation and sexual larval settlement and survival in a land-based nursery system and learn the techniques for proper monitoring of field out-plantings.

Note: Field trips to monitoring sites require snorkeling equipment and basic swimming skills.

Course Fee: \$1400 (includes housing with full board* for the duration of the workshop)

**breakfast, lunch and dinner*

Payment Due: March 15, 2018

For registration or questions, please email:

Administrative & Housing Manager

Robert Etti

retti@mote.org



Workshop Schedule

Some activities subject to change, depending on weather



Sunday, March 25:

Arrival Day, Check-in, Welcome Reception 6–8pm

Monday, March 26:

Orientation - introductions, schedule overview, facilities tour, history of massive coral restoration & staghorn restoration



Tuesday, March 27:

Massive coral species production, land-based nursery training, country presentations, micro-fragmentation lab, fusion

Wednesday, March 28:

Field nursery dive or snorkel (weather permitting), nursery gear manufacturing, site selection

Thursday, March 29:

Research project presentations/review, coral sexual reproduction opportunities and settlement, early juvenile care, genotype testing and tracking, data collection, scale-up and economics

Friday, March 30:

Land-based system design, planning and construction, field trip to snorkel and monitor an outplant site in Key West (weather permitting)

Saturday, March 31:

Departures to airports and other locations



Travel, Housing and Meal Details

- Sunday, March 25 is scheduled for the arrival date. Saturday, March 31 is scheduled for departures. Let us know if you will need to arrive or depart on another date.
- All flights should attempt to connect through to Key West Airport (EYW), if possible, which is only 20 miles/20 minutes away from Mote's Summerland Key Facility. For all others, Miami International Airport (MIA) is the next closest, but is 3–4 hours driving distance away. Fort Lauderdale International Airport (FLL) is sometimes cheaper but another hour North. Renting a car in Miami or Fort Lauderdale is your most convenient option. Otherwise, there are "Keys Airport Shuttle" vans from \$40-\$70 each way from the airport, depending on how early you book. Greyhound Bus and GoBus both travel from Miami International Airport to the Florida Keys. Also, there are regular Keys Transit buses from the Key West Airport to a bus stop right in front of Mote's facility for only \$4. A taxi from either airport will be very expensive. Uber is available in the Florida Keys but won't be as cheap as a bus. If anyone is planning on renting a car, let us know if you are willing to give other attendees a lift from the airport as well (carpool). We may be able to pick up travelers flying into Key West Airport.
- The housing is dormitory style with separate genders in university-style apartments with bunk beds. All linens and pillows are provided. Shampoos, soaps and sunscreen are not provided.
- Meals will be provided from Monday through Friday with continental style breakfast from 7–8 a.m., lunches from 12–1pm and dinner from 6–7pm. Beer and wine will only be provided for the welcome reception on Sunday and one BBQ event during the week. Please supply your own beverages beyond the usual coffee, tea, water, sodas. Let us know if you have any food allergies or preferences (e.g. vegetarian, vegan, seafood, peanuts, etc.) and we will try and accommodate you the best we can.
- One or two snorkel or dive opportunities (from shore or from a dive operator vessel) will be scheduled, weather permitting. Bring your own mask, snorkel and fins if you wish to participate. The SCUBA opportunity will be only once and dive equipment is available to rent, or you can bring your own BC and regulators and certification cards if you wish to SCUBA dive. Since it is March, dive opportunities will be weather and visibility dependent at this time of year and water temperatures are variable.
- Post office, delicatessen, small grocery store, hardware store, coffee house and pizza parlor are all within walking distance.
- We will arrange at least one trip to Key West to visit the Eco-Discovery Center, State park beach and the City of Key West.

Past Workshop Participants Have Said...

“Great overview of how to restore corals.”

“There is a dire need for human intervention in the effort to subdue and reverse the effects of climate change on the coral reefs of the world.”

“I don’t think I could pick just one thing that was my favorite part of the workshop! I loved it all and it was definitely an incredibly interesting and great experience!”

“I loved getting the different hands-on experience (microfragmentation, working with cement, building nurseries).”

“The Reef Restoration workshop at Mote is very valuable to our project in terms of networking and learning the innovative micro-fragmentation technique.”

“We as a project want to scale up, so all the good advice and experiences from all the awesome projects and people we have met at the workshop will be incredibly valuable.”

“My favorite aspect of the workshop was the generosity and community spirit that was created by all of you at Mote. Of course all of the information was simply empowering.”

“We felt better prepared to tackle the challenges facing coral reefs.”

“I really enjoyed hearing the stories of so many people working on coral restoration in so many places with different techniques.”

“I particularly loved the sense of community that we felt in the group; a cooperative, open and communicative group.”