



TROPICAL MARINE ECOLOGY

An 8-day Workshop at a tropical reef in Curaçao, Netherlands Antilles

Join New York Sea Grant, The Center for Ocean Science Education Excellence - Great Lakes (COSEE-GL) and the AQUARIUM of Niagara on their sixteenth annual expedition to the Caribbean. Study the biodiversity of a coral reef ecosystem and the related habitats that support its complex structure. Observe the dynamics of age-old survival relationships of unique animals on the reef and the pressures of an emerging industrial island nation on these delicate relationships. Swim and interact with dolphins at the newest dolphin encounter in the Caribbean. Comfortable boats will deliver us to the calm, sheltered coral reef lying just offshore, where you will be snorkeling among the reef fishes in warm water almost as clear as air. This course is a must for nature lovers and science teachers at all levels. Transform life science and social studies lessons with materials and experiences that will allow students to construct their own models of these complex but crucial ecosystems.

DATES: August 4-11, 2007 (8 days) Travel arrangements from Buffalo, NY Airport.

ACCOMMODATIONS: Curaçao Sea Aquarium <http://www.curaçao-sea-aquarium.com> & Bon Bini Seaside Resort <http://www.bonbiniseasideresort.com/index.htm>, Curaçao, Netherlands Antilles; double occupancy rooms with private bath, air conditioning, classroom, dolphin encounter, and aquarium.

COSTS: \$1760.00 for COSEE Scholars* (See funding possibilities below.) Cost includes room and meals, round trip airfare from Buffalo, bus and boat fees, transfers, admissions, hotel and departure taxes, and all tips and gratuities. Tuition and souvenirs extra. School districts may financially support their teachers; see note below. Significant others welcome at the regular cost of \$2260.

GRADUATE CREDIT: OPTIONAL: Three hours of graduate credit are available from SUNY at Buffalo. Tuition costs are extra and must be paid directly to the University. Please call if interested.

EQUIPMENT: You will need snorkeling gear: mask, snorkel and fins. If you need to purchase equipment we will make recommendations and provide any necessary training before the trip.

CONTENT AREAS: Topics to be covered with presentations and field visits: the coral reef, including reef formation and ecology; reef fish; reef invertebrates; animal relationships; sandy beaches; tide pools; zonation at a rocky shore; mangroves; and turtle grass beds.

ADDITIONAL INFO: An informational meeting will be presented Monday, February 26, 2007 at the Science Resources Center, 10001 Route 60, Fredonia, NY at 7:00 PM. For directions or additional information please call Helen Domske, Sea Grant Resource Agent at (716) 645-2114 x2337 or Garry Dole, Science Resources Coordinator, Erie 2 BOCES at (716) 679-3419 or 800-344-9611 ext. 2598 (from 716 area code).

Funding Possibilities to explore....

- * COSEE-GL will provide \$500 scholarships for the first 10 eligible educators. (Trip cost of \$1760 reflects the total cost after the scholarship is applied.) Please call for more information and a scholarship application. Check out: http://www.coseegreatlakes.net/events/marine_immersion
- This is a Professional Development activity and may qualify for both local district funding and inservice course credit as required by the NYS Commissioner of Education.

Sponsors of this workshop reserve the right to limit group size and cancel due to insufficient numbers of participants. Cost is based on a minimum of twelve participants and current air fare prices. Participants must be able to demonstrate PADI snorkeling skills or be willing to wear a snorkel vest when in the water.

SEND TO:

Garry W. Dole
E2CC BOCES, Science Resources
10001 Route 60
Fredonia, NY 14063

Please enroll me in the
**Tropical Marine
Ecology Workshop.**
I am 21 or older.

NAME _____
HOME ADDRESS _____
CITY / STATE / ZIP _____
HOME PHONE _____
e-mail _____

Educators please complete:
SCHOOL _____ GRADE _____
SCHOOL ADDRESS _____
CITY / STATE / ZIP _____

If you want an application for Graduate Credit, _____
Please include a \$400.00 deposit payable to
Tropical Marine Ecology and return by **Feb 26, '07**

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