



UNIVERSITY-NATIONAL OCEANOGRAPHIC LABORATORY SYSTEM

Graduate School of Oceanography – University of Rhode Island
 215 South Ferry Road, Narragansett, Rhode Island 02882
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Application for Membership

Membership in UNOLS is open to those institutions that use, or operate and use, sea-going facilities and maintain an academic program in marine science. It is intended that UNOLS institutions make substantial contributions to the national oceanographic program. Both individual institutions and consortia of such institutions may be members of UNOLS for purposes of attending UNOLS meetings, receiving UNOLS information, and other non-voting UNOLS activities.

Each UNOLS institution shall designate a representative with authority to speak and act for the institution in UNOLS matters. UNOLS representatives may authorize alternates. Addition of members shall be by application to and majority action by the existing membership.

Whereas according to the UNOLS Charter, the below named organization hereby submits application for membership in the University-National Oceanographic Laboratory System. In doing so the applicant fully understands and agrees to work towards the objectives set forth in the UNOLS Charter (<http://www.unols.org/info/ucharter.html>).

Instructions: Please complete all sections of this application and submit to the UNOLS Office at <office@unols.org>.

Name of

Institution:

Florida International University (FIU)

Delegate to act as Representative to UNOLS:

Name: David Kadko

Title: Professor

Address: Florida International University

Applied Research Center, Engineering Suite 2100

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General information on oceanographic, Sea Grant and other marine science programs:

Number of Faculty in Marine Science Programs: 24. Others in marine related fields in Department of Chemistry, Department of Earth and Environment, and Department

of Biological Science

Number of Oceanographic Researchers: 7

Number of Professional Marine Personnel (Facility support individuals): 6

Number of Oceanographic Graduate Students: >50 engaged in marine related projects

Approximately how many of your institution's scientists are sea-going researchers?
5

How many years has your institution been in existence?
-FIU is 50 years old

Describe your institution, its marine science research, and academic programs in marine science. (Additional details can be provided by attachment.)

FIU is a relatively young institution, just having celebrated its 50th anniversary. It is Miami's first and only public research university. Designated as a top-tier research institution, FIU emphasizes research as a major component in the university's mission. The Marine Science Program, and related activities in Earth, Biological, and Physical Sciences are examples of activities of research at the university.

Florida International University's Marine Sciences Program is based in a newly opened building on the Biscayne Bay Campus but includes faculty from diverse departments on two campuses. Faculty derive from the departments of Biology, Earth and Environmental Science, Chemistry and Biochemistry, the Southeast Environmental Research Center, and the Applied Research Center. It is committed to enhancing our understanding and stewardship of the world's oceans, especially coastal ecosystems.

It has unique access to diverse coastal ecosystems of South Florida and the Caribbean, and runs and long-term programs worldwide in research, teaching, and public outreach.

Several examples of Marine Research and facilities are:

1. The Medina Aquarius Program - is dedicated to the study and preservation of marine ecosystems worldwide. It is deployed 60 feet beneath the surface in the Florida Keys National Marine Sanctuary, and is a globally significant asset that provides unparalleled means to study the ocean, test and develop state-of-the-art undersea technology, train specialized divers and astronauts. Research areas include coral reefs, ocean acidification, climate change, fisheries and the overall health of the oceans.
2. The Southeast Environmental Research Center- operated through and located on the main campus of Florida International University, is composed of faculty, research associates, students and technicians from a variety of disciplines who work together on environmental research efforts in the Southeastern United States and the neotropics. SERC was founded in 1993 in response to a growing regional need for scientific investigations in threatened environments of South Florida. Research programs have been developed in Biscayne National Park, Big Cypress National Preserve, Everglades National Park, Florida Bay, the Florida Keys and the Florida Keys National Marine Sanctuary. For a programmatic overview see: http://sercweb.fiu.edu/about-us/updated_more_about_serc.pdf
3. Seawater Facilities including The "Aquarium Room" an indoor wet lab facility, the "coral rack" facility, and "Mesocosms", an outdoor seawater facility.
4. The Southeast Acoustics Consortium- working group bringing together academic institutions, federal and regional fisheries and environmental management agencies, and private industry that conduct acoustics research in the coastal ocean of the US from North Carolina to Texas and the US Caribbean.

Please provide a list of the research vessels that have been or are commonly used by your institution's scientists. (Additional details can be provided by attachment.)

The Marine Science Program operates research vessels ranging from 16' to 34'. These are utilized for work in the Everglades, shallow bays and near coastal waters found in South Florida.

Please explain your reasons for wanting to become a UNOLS member institution (Additional details can be provided by attachment.)

FIU is a relatively young institution, just having celebrated its 50th anniversary. It is Miami's only public research university and is growing, passing 50,000 students enrolled this academic year. An exciting aspect of the research effort is the activity within the Marine Science Program and related marine study in several departments and centers throughout the university. These activities are both national and international in scope. FIU is committed to enhancing our understanding and stewardship of the world's oceans, especially coastal ecosystems. As these activities mature, it is reasonable that FIU becomes engaged in organizations such as UNOLS. This will aid in the growth of the FIU marine programs, exposing faculty, staff and students to the broader oceanographic community of the United States. At the same time, membership of FIU will contribute to the activities and mission of UNOLS. Particularly, FIU's strength in coastal research should enhance the portfolio of UNOLS.

Provide a list of your institution's oceanographic faculty and researchers. If the list is available on-line, please provide the URL in the space below; otherwise provide the faculty/researcher list as an attachment.

URL: <https://marine.fiu.edu/faculty/>

Research vessel(s) greater than 75-feet LOA owned and/or operated:

Name:	Size:
Name:	Size:
Name:	Size:
Name:	Size:
Name:	Size:
Name:	Size:

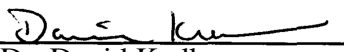
Other oceanographic facilities owned and/or operated by your institution:

Description: Medina Aquarius
Description:
Description:
Description:
Description:
Description:

Please provide the URL(s) for your institution, marine facilities or marine programs.

Description: Marine Science	URL: <i>https://marine.fiu.edu</i>
Description: Department of <i>Earth and Environment</i>	URL: <i>http://earthenvironment.fiu.edu/</i>
Description: Southeast Environmental Research Center	URL: <i>http://sercweb.fiu.edu/</i>

Submitted by,

Signature:	
Name: (Please Print)	Dr. David Kadko
Title:	Professor
Date:	July 7, 2015

Applications should be sent to the UNOLS Office at office@unols.org.