

## LOSOS: Laboratory for Ocean Sensors and Observing Systems

In January 2010, WHOI was awarded \$8.1 million from the U.S. Department of Commerce through the National Institute of Standards and Technology (NIST) to construct a 26,000-square-foot Laboratory for Ocean Sensors and Observing Systems (LOSOS). LOSOS will be constructed on the WHOI Quissett Campus, north of the Clark Laboratory which will include a pedestrian bridge and walkway between the two buildings.

The new lab's largest group of occupants will be scientists and engineers working on the newly launched [Ocean Observatories Initiative](#) (OOI), a \$300 million effort funded by the [National Science Foundation](#) (NSF) to build, implement, and operate a coordinated systems of moored buoys, undersea cabled networks, and autonomous underwater vehicles. The laboratory will also serve scientists and engineers from the Ocean Bottom Seismometer Instrument Pool, the Martha's Vineyard Coastal Observatory and the Environmental Sample Processor Laboratory.

All of the science instrumentation will be equipped with sensors to measure ocean conditions and processes and provide a continuous flow of data in near-real time to scientists and marine resource managers on shore.

LOSOS will house offices, labs, and high bay space to develop instruments, sensors, moorings, buoys, and other observatory platforms. Construction is set to begin in late spring 2011.

Check out the progress:

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Photo simulation of the Laboratory for Ocean Sensors and Observing Systems (LOSOS), Quissett Campus, Woods Hole Oceanographic Institution.

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August 3, 2010

#### [WHOI To Mark New Lab with Groundbreaking Celebration](#)

Equipped with an \$8.1 million federal Recovery Act grant and a shovel, the Woods Hole Oceanographic Institution (WHOI) will celebrate the groundbreaking of its new Laboratory for Ocean Sensors and Observing Systems (LOSOS) at 11 a.m. on Wednesday, Aug. 4, at the Clark Laboratory on the Institution's Quissett Campus.

Source: Media Relations

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