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2003, *Oceanography* 16(4):60, <http://dx.doi.org/10.5670/oceanog.2003.13>

EDUCATION VIGNETTE | **Connecting the NOAA National Marine Sanctuaries Through Telepresence**

[Author](#) | [First Paragraph](#) | [Full Article](#) | [Citation](#)

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[Michiko Martin](#) | NOAA-National Marine Sanctuaries, Silver Spring, Maryland, USA

[Top](#)

First Paragraph

The National Oceanic and Atmospheric Administration's (NOAA) National Marine Sanctuary (NMS) Program has established an innovative educational and technological framework to bring the excitement of the nation's underwater ecosystems to the American public by linking telepresence activities with system-wide oceanographic monitoring programs. This initiative will revolutionize oceanographic information dissemination by integrating live video camera feeds with data streams as diverse as observations collected by citizen-scientists, satellite records, and measurements collected by monitoring stations in the marine sanctuaries. Integration is achieved through distributed data systems and protocols that enable unified internet access to information collected at multiple sites through multiple observing systems.

[Top](#)

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