

OCEAN SCIENCES MEETING 2014
NCCOS Sponsored Research - Management Applications
Oral and Poster Presentations

Plenary

Richmond, Robert H. Coral Reefs, Climate Change and Atomic Bombs ([FSM-Micronesia](#))

Session

011. [Mapping, monitoring and managing mesophotic reefs: scientific insights and technologies to address coral resource management challenges](#) ([Mesophotic Coral Ecosystems](#)).

Presentations

Campbell, L., R. M. Errera, D. E. Ryan, and A. J. Bourdelais. [Comparison of transcriptomes and metabolomic profiles for two clones of the dinoflagellate *Karenia brevis*](#) ([ECOHAB Program](#))

Du, X., L. O'Higgins and W. T. Peterson. [Differential response of phytoplankton \(diatoms and dinoflagellates\) and zooplankton \(copepods\) to coastal upwelling and the PDO off central Oregon](#) ([MERHAB Program](#))

Ikeda, C. E., C. G. Bronicheski, C. G. Trick, and W. P. Cochlan. [The combinational effect of salinity and temperature on cellular permeability and toxicity of *Heterosigma akashiwo*, from Puget Sound, WA](#) ([ECOHAB Program](#))

Kelble, C. R. [Integrating human dimensions and natural sciences in South Florida's coastal ecosystem](#) ([REPP Program-MARES](#))

Puglise, K. A. and M. J. Dowgiallo. [Mesophotic coral ecosystems: science and management perspectives](#) ([Deep-CRES Program](#))

Rabalais, N. N., R. E. Turner, and L. M. Smith. [How to put long-term data to work: Jon, we do have hypoxia](#) ([NGOMEX Program](#))

Rooney, J., T. DeCarlo, W. Thompson, A. Cohen, and H. Spalding. [Growth rates of *Leptoseris hawaiiensis*: data required for managing impacts to mesophotic reefs in the Main Hawaiian Islands](#) ([Deep-CRES Program-Hawaii](#))

Townsend, D. W., N. R. Pettigrew, D. J. McGillicuddy, S. Shankar, and K. Hubbard. [Recent increases in water mass variability in the Gulf of Maine region: Effects on nutrients and HAB species, *Alexandrium fundyense* and *Pseudo-nitzschia* spp.](#) ([ECOHAB Program](#))

Turner, B. and M. Dowgiallo. [Catapults, ferries, and bridges: moving ocean science results to applications](#) ([FSM Program](#))

Posters

Anderson, C. R., C. A. Edwards, N. L. Goebel, and R. M. Kudela. [A mechanistic approach to forecasting domoic acid production in coastal California](#) (ECOHAB Program)

Busch, D. S. and P. McElhany. [Scenarios for modeling the effects of ocean acidification on the California Current food web](#) (award managed by NCCOS for [NOAA Ocean Acidification Program](#))

Boland, R. C. [Substrate influences on mesophotic fish assemblages in the Au'au Channel off of Maui, Hawaii](#) ([Deep-CRES Program-Hawaii](#))

Cooley, S. R., J. E. Rheuban, D. Hart, J. Hare, and S. C. Doney. [An Atlantic sea scallop integrated assessment model to explore ocean acidification and temperature rise](#) (award managed by NCCOS on behalf of [NOAA Ocean Acidification Program](#))

Giddings, S. N., P. MacCready, K. A. Davis, B. M. Hickey, and N. B. Banas. [Impact of interacting river plumes on freshwater sources to the shelf](#) (ECOHAB Program)

Gillies, L. E., J. C. Thrash, N. N. Rabalais, and O. U. Mason. [Microbial community structure in the July 2013 Gulf of Mexico dead zone](#) ([NGOMEX Program](#))

Greengrove, C. L., J. E. Masura, S. K. Moore, B. D. Bill, and P. Team. [Alexandrium bloom ecology in Puget Sound: Cyst dynamics, growth, transport, and climate pathways](#) (ECOHAB Program)

Grunert, B. K., J. V. Klump, H. R. Bravo, and C. B. Mouw. [The role of meteorological forcing on the persistence and mixing of distinct water masses in Green Bay, Lake Michigan](#) (CHRP)

Howard, M. D., M. Sutula, D. A. Caron, Y. Chao, and B. Jones. [Anthropogenic nutrient sources on small scales in the coastal waters of the Southern California Bight](#) (ECOHAB Program)

Irvine, A., N. Spies, and R. Richmond. [Alternative preservation methods to isolate DNA from coral](#) ([FSM-Micronesia](#))

Klump, J. V., B. Grunert, S. L. LaBuhn, and J. T. Waples. [Multiple drivers of temporal and spatial trends in the biogeochemistry of hypoxia in Green Bay, Lake Michigan](#) (CHRP)

Martinez, F. A., M. Valdes-Pizzini, M. Scharer, and M. Dowgiallo. [People, habitats, species, and governance: an assessment of the social-ecological system of La Parguera, Puerto Rico](#) ([CRES Program-Caribbean](#), [CCRI](#))

Seegers, B. N., R. M. Kudela, E. N. Teel, D. A. Caron, and B. H. Jones. [The upper layer response to an extended shallow diversion of a wastewater plume – Where did all the nutrients go?](#) ([MERHAB Program](#))

Shelton III, A. J. and R. H. Richmond. [Reviving island ecosystems: watersheds, coral reef, and fisheries restoration in Humatak, Guam](#) ([FSM Program-Micronesia](#))

Spalding, H. L., C. M. Smith, and A. R. Sherwood. [Ecological significance of dominant mesophotic macroalgal assemblages across the Hawaiian Archipelago \(Deep-CRES Program-Hawaii\)](#)

Spies, N. P. and R. Richmond. [Development of molecular biomarkers for the detection of sublethal stress in the coral *Porites lobata* \(FSM-Micronesia\)](#)

Tisthammer, K. H. and R. Richmond. [Analysis of the small-scale genetic structure of the coral *Porites lobata* in Maunalua Bay, Hawaii \(FSM-Micronesia\)](#)