Gulf of Mexico Hydrates Research Consortium publications: 2000 - 2010

**Publications and Presentations** (*indicates peer reviewed)

**2000**


**2001**


Sassen, R., 2001: Seafloor vents, seeps, gas hydrate: Relation to flux rate from the deep Gulf of Mexico petroleum system. Houston, TX, GCSSEPM Research Foundation, 21st Annual Research Conference, December 2-5.


2002


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2004


McGee, T. M., R. Woolsey, P. D. Higley, N. R. Chapman, 2004: Toward understanding the migration of hydrocarbons and brines through the gas hydrate stability zone of the northern Gulf of Mexico. 32nd International Geological Congress, Florence, Italy.


Mizaikoff, B., 2004: Mid-Infrared Sensor Technology – From the Lab into the Field? Santa Fe, NM, American Chemical Society ProSpective Conference on Emerging Opportunities in Chemical Sensing and Biosensing, May 16-19.


*Whelan, J., 2004: When seafloor meets ocean, the chemistry is amazing: in more and more places, scientists are finding vast amounts of natural gas on the ocean bottom. Oceanus, Volume 42, n. 2, p. 66-71.


2005


2006


2007


Lapham, Laura, Jeff Chanton, Chris Martens, Ken Sleeper, and J. R. Woolsey, 2007, Methane and biogeochemical gradients within acoustic wipe-out zones at a Gulf of Mexico cold seep, presented by Lapham at the American Geophysical Union Meeting, San Francisco, CA.


2008


Rogers, R., G. Zhang, J. Dearman, and W. Wilson, Laboratory tests of hydrate formation in porous media influenced by bioproducts, 2008, Orlando, FL, Ocean Sciences Annual Meeting, March.


2009


Bell, R. J., S. K. Toler, R. T. Short, R. H. Byrne, In Situ Mass Spectrometry for Chemical Measurements in the Water Column and on the Sea Floor (poster), OceanObs ’09 meeting in Venice, Italy (2009).


* Brooks, Laura A, Peter Gerstoft (2009), Green’s function approximation from cross-correlation of active sources in the ocean, J Acoust. Soc. Am., 126, 46-55.(PDF)


Radich, J.G., 2009, Laboratory and theoretical investigations of direct and indirect microbial influences on seafloor gas hydrates. M.S. Thesis, Mississippi State University.


2010:


In Press:

Dearman, J., W. Wilson, R. Rogers, and G. Zhang, 2009, Gas hydrate promotion by smectite-bioproduct interactions, Marine Chemistry, accepted for publication and in press.


In Review:

Camilli, R., O. Pizarro, J. Whelan “An in-situ chemical observatory characterizing a naturally occurring gas hydrate formation” for submission to Deep Sea Research. New paper just accepted by IEEE OCEANS.


Leifer, I., and D. Culling (2009), Formation of seep bubble plumes in the Coal Oil Point seep field, Geo-Marine Letters, submitted.


Leifer, I., et al. (2009 (in prep)). Spatial and temporal variations in marine seep field emissions on diurnal to decadal time scales and decameter to kilometer length scales, Geochemistry, Geophysics, Geosystems.