

# Deep-C Scientific Publications by Module Topic

## Geomorphology

- Garcia Pineda, O.M., Macdonald, I.R., Silva, M., Shedd, W., Daneshgar Asl, S., Schumaker, B., 2015. Transience and Persistence of Natural Hydrocarbon Seepage in Mississippi Canyon, Gulf of Mexico. *Deep Sea Research Part II: Topical Studies in Oceanography* accepted.
- Garcia-Pineda, O., MacDonald, I., Hu, C., Svejksky, J., Hess, M., Dukhovskoy, D., Morey, S., 2013. Detection of Floating Oil Anomalies From the Deepwater Horizon Oil Spill With Synthetic Aperture Radar. *Oceanography* 26 (2), 124–137.
- Garcia-Pineda, O., MacDonald, I. R., Li, X., Jackson, C. R., & Pichel, W. G., 2013. Oil Spill Mapping and Measurement in the Gulf of Mexico With Textural Classifier Neural Network Algorithm (TCNNA). *IEEE J. Sel. Top. Appl. Earth Observations Remote Sensing* 6 (6), 2517–2525.
- MacDonald, I., 2013. Tracking Recovery From Deepwater Horizon MILET System Aids Environmental Monitoring in Gulf of Mexico. *Sea Tech* 54 (5).
- Silva, M., Etnoyer, P., Demopoulos, W.J., MacDonald, I.R., 2014. Coral Injuries Observed at Mesophotic Reefs after the Deepwater Horizon Oil Discharge. *Deep-Sea Research II Early Edition*.

## Geochemistry

- Aeppli, C., Carmichael, C.A., Nelson, R.K., Lemkau, K.L., Graham, W.M., Redmond, M.C., Valentine, D.L., Reddy, C.M., 2012. Oil Weathering after the Deepwater Horizon Disaster Led to the Formation of Oxygenated Residues. *Environmental Science & Technology* 46 (16), 8799–8807.
- Aeppli, C., Nelson, R.K., Carmichael, C.A., Valentine, D.L., Reddy, C.M., 2014. Biotic and abiotic oil degradation after the Deepwater Horizon disaster leads to formation of recalcitrant oxygenated hydrocarbons: New insights using GCxGC. , *International Oil Spill Conference Proceedings*. pp. 1087–1098.
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- Aeppli, C., Nelson, R.K., Radovic, J.R., Carmichael, C.A., Reddy, C.M., 2014. Recalcitrance and degradation of petroleum biomarkers in Deepwater Horizon Oil upon abiotic and biotic natural weathering. *Environmental Science & Technology* 48, 6726–6734.
- Beaudoin, D.J., Carmichael, C.A., Nelson, R.K., Reddy, C.M., Teske, A.P., Edgcomb, V.P., 2014. Impact of protists on a hydrocarbon-degrading bacterial community from deep-sea Gulf of Mexico sediments: A microcosm study. *Deep Sea Research Part II: Topical Studies in Oceanography* .
- Brooks, G., Larson, R., Flower, B., Hollander, D., Schwing, P.T., Romero, I., Moore, C., Reichart, G.J., Jilbert, T., Chanton, J., Hastings, D., 2015. Sedimentation Pulse in the NE Gulf of Mexico Following the 2010 DWH Blowout. *Deep Sea Research in review*.
- Camilli, R., Bowen, A., Reddy, C.M., Seewald, J.S., Yoerger, D.R., 2012. When Scientific Research and Legal Practice Collide. *Science* 337 (6102), 1608–1609.
- Chanton, J., Bosman, S., Mickel, A., Joye, S., Brunner, C., Cherrier, J., Sarkodee-Adoo, J., Hollander, D., 2012. Radiocarbon analysis of the Gulf oil spill. *MagLab Reports* 19 (2), 39.
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- Dong, C., Petro, D., Pomerantz, A.E., Nelson, R.K., Latifzai, A.S., Nouvelle, X., Zuo, J., Reddy, C.M., Mullins, O.C., 2014. New thermodynamic modeling of reservoir crude oil. *Fuel* 117 (A), 839–850.
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- Hastings, D., Schwing, P., Brooks, G., Larson, R., Morford, J., Roeder, T., Quinn, K., Romero, I., Hollander, D., 2014. Changes in sediment redox conditions following the BP DWH Blowout event. *Deep Sea Research in press*.
- Headley, J.V., Peru, K.M., Mohamed, M.H., Wilson, L., McMartin, D.W., Mapolelo, M.M., Lobodin, V.V., Rodgers, R.P., Marshall, A.G., 2013. Electrospray Ionization Fourier Transform Ion Cyclotron Resonance Mass Spectrometry Characterization of Tunable Carbohydrate-Based Materials for Sorption of Oil Sands Naphthenic Acids. *Energy & Fuels* 27 (4), 1772–1778.
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- Schwing, P.T., Romero, I.C., Brooks, G.R., Hastings, D.W., Larson, R., Hollander, D.J., 2015. A Decline in Benthic Foraminifera following the Deepwater Horizon Event in the Northeastern Gulf of Mexico. *PLoS ONE*, March 18, 2015, doi:10.1371/journal.pone.0120565.
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- Weisberg, R., Zheng, L., Liu, Y., Murawski, S., Hu, C., Hollander, D., Paul, J., 2014. Did Deepwater Horizon Hydrocarbons Transit to the West Florida Continental Shelf? *Deep Sea Research* in press, Available online February 17, 2014, doi:10.1016/j.dsr2.2014.02.002.
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- ## Ecology
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Veríssimo, A., Cotton, C., Burgess, G., Buch, R., Guallart, J., 2014. Species diversity of the deep-water gulper sharks (Squaliformes: Centrophoridae: *Centrophorus*) in North Atlantic waters – current status and taxonomic issues. *Zoological Journal of the Linnean Society* 172 (4), 803–830.

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## Physical Oceanography

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## Modeling

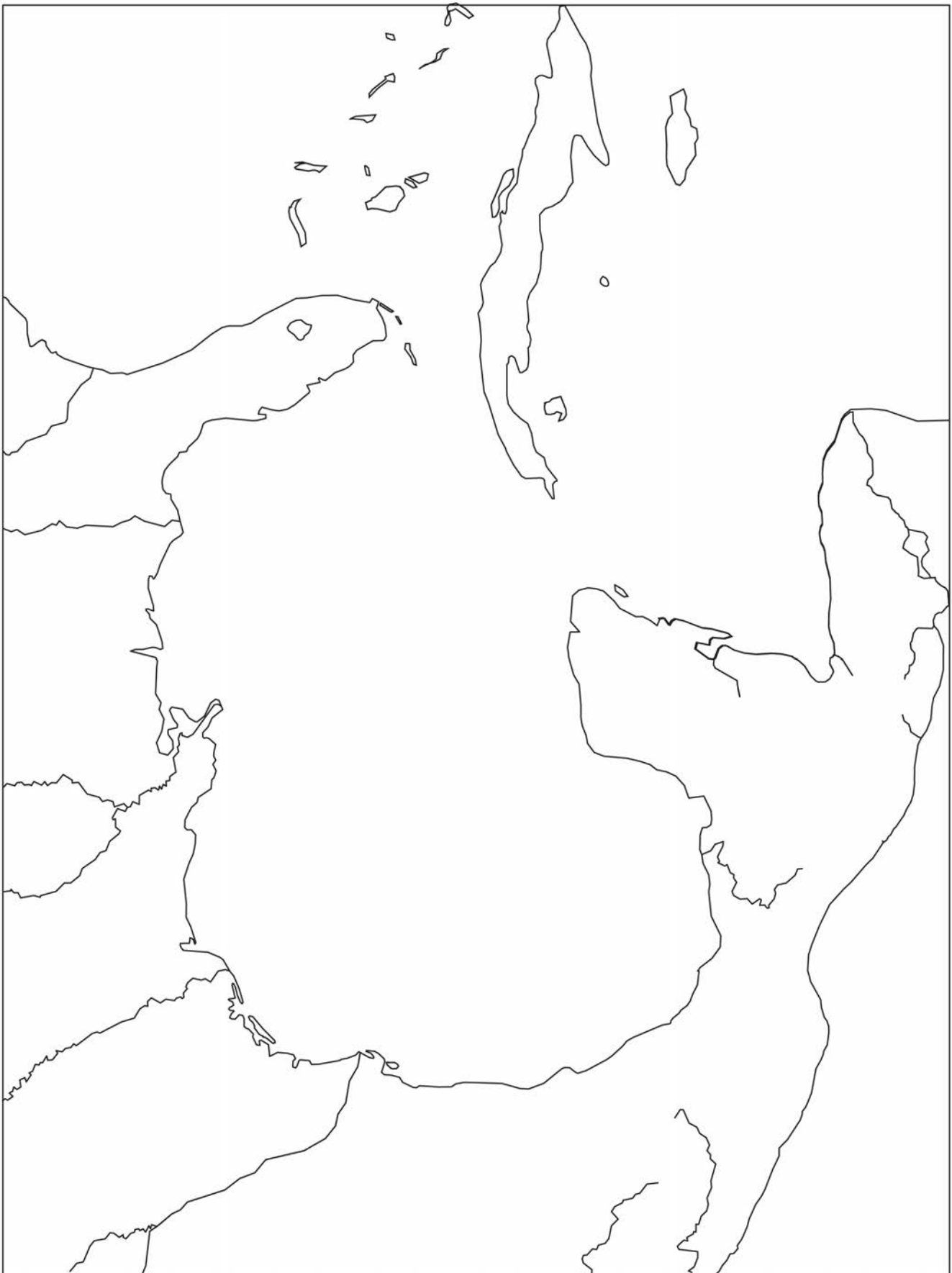
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