

Bibliography

Peer-Reviewed Scientific Journal Articles

- Atchison AD, Sammarco PW, Brazeau DA (2008) Genetic connectivity in corals on the Flower Garden Banks and surrounding oil/gas platforms, Gulf of Mexico. *Journal of Experimental Marine Biology and Ecology*. 2008 Oct 20;365(1):1-2.
- Brazeau A, Sammarco PW, Sinclair J (2013) Genetic connectivity in scleractinian corals across the northern Gulf of Mexico: Oil/gas platforms, and relationship to the Flower Garden Banks. *Pharmaceutical Sciences Faculty Publications*. Paper 2.
http://dune.une.edu/pharmsci_facpubs/2.
- Cooper EL, Hirabayashi K, Strychar KB, Sammarco PW (2014) Corals and their potential applications to integrative medicine. *Evidence-based Complementary and Alternative Medicine* (eCAM). DOI: 10.1155/2014/184959.
- Creed JC, Fenner D, Sammarco PW, Cairns S, Capel K, Junqueira AO, Cruz I, Miranda RJ, Carlos-Junior L, Mantelatto MC, Oigman-Pszczol S (2017). The invasion of the azooxanthellate coral *Tubastraea* (Scleractinia: Dendrophylliidae) throughout the world: History, pathways and vectors. *Biological Invasions*. Jan 1;19(1):283-305. DOI: 10.1007/s10530-016-1279-y.
- Hennessey SM, Sammarco PW (2014) Competition for space in two invasive Indo-Pacific Corals -*Tubastraea micranthus* and *Tubastraea coccinea*: Laboratory experimentation. *Journal of Experimental Marine Biology and Ecology* 459: 144-150. DOI: 10.1016/j.jembe.2014.05.021.
- Kolian SR, Godec M, Sammarco PW (2019) Alternate uses of retired oil and gas platforms in the Gulf of Mexico. *Ocean and Coastal Management*. 167: 52-59. DOI:10.1016/2018.10.002.
- Kolian SR, Porter SA, Sammarco PW, Berkholz D, Cake EW, Subra WA (2015) Oil in the Gulf of Mexico after capping of the BP/Deepwater Horizon Mississippi Canyon (MC-252) well. *Environmental Science and Pollution Research*. Vol. 22. 16, pp 12073-12082, DOI: 10.1007/s11356-015-4421-y.
- Kolian SR, Porter SA, Sammarco PW, Cake EW (2013) Depuration of Macondo (MC-252) oil found in heterotrophic scleractinian corals (*Tubastrea coccinea* and *Tubastrea micranthus*) on offshore oil/gas platforms in the Gulf. *Gulf and Caribbean Research* vol. 25, 99-103.
- Kolian SR, Sammarco PW (2019) Densities of reef-associated fish and corals on offshore platforms in the Gulf of Mexico. *Bulletin of Marine Science*. Vol. 95 (3), July, pp. 393-407 (15) DOI:10.5343/bms.2018.0083.

- Kolian SR, Sammarco PW, Porter SA (2017) Abundance of corals on offshore oil and gas platforms in the Gulf of Mexico. *Environmental Management*. May 19. 56(1) 1-270. DOI:10.1007/s00267-017-0862-z.
- Kolian SR, Sammarco PW, Porter SA (2018) Use of retired oil and gas platforms for fisheries in the Gulf of Mexico. *Environmental Systems and Decisions*. 33(2) 181-311. DOI:10.1007/s10669-018-9685-6.
- Sammarco PW, Atchison AD, Boland GS (2004) Expansion of coral communities within the Northern Gulf of Mexico via offshore oil and gas platforms. *Marine Ecology Progress Series*. 2004 Oct 14;280:129-43.
- Sammarco PW, Atchison AD, Boland GS (2014) Coral settlement on oil/gas platforms in the northern Gulf of Mexico: Preliminary evidence of rarity. *Gulf of Mexico Science* (1-2): 11-23, DOI: 10.18785/goms.3201.02.
- Sammarco, PW, and KB Strychar (2009). Effects of climate change on coral reefs: Exaptation in corals, evolution in zooxanthellae, and biogeographic shifts. *Envtl. Bioind.* 4: 9-45.
- Sammarco PW, Atchison AD, Boland GS, Sinclair J, Lirette A (2012) Geographic expansion of hermatypic and ahermatypic corals in the Gulf of Mexico, and implications for dispersal and recruitment. *Journal of Exploratory Marine Biology and Ecology*. 436-437: 36-49. DOI:10.1016/j.jembe.2012.08.009.
- Sammarco PW, Brazeau DA, McKoin M, Strychar KB (2017) *Tubastraea micranthus* – Comments on the population genetics of a new invasive coral in the Western Atlantic and a possible secondary invasion. *Journal of Experimental Marine Biology and Ecology* 490: 56-63. DOI: 10.1016/j.jembe.2017.02.003
- Sammarco PW, D.A. Brazeau DA, Sinclair J (2012) Genetic connectivity in scleractinian corals across the northern Gulf of Mexico: Oil/gas platforms, and relationship to the Flower Garden Banks. *PLOS-One* 7(4): e30144. DOI: 10.1371/journal.pone.0030144.
- Sammarco PW, Kaltofen M, Kolian SR, Warby RA, Bouldin JL, Subra WA, Porter SA (2014) A response to Wilson et al. A critique of the manuscript: "Distribution and concentrations of petroleum hydrocarbons associated with the BP/Deepwater Horizon oil spill, Gulf of Mexico". *Marine Pollution Bulletin*, 79(1-2), 391-392.
- Sammarco PW, Kolian SR, Warby RA, Bouldin JL, Subra W, Porter SA (2013) Distributions and concentrations of petroleum hydrocarbons associated with the BP/Deepwater Horizon Oil Spill, Gulf of Mexico. *Marine Pollution Bulletin*, Volume 73, Issue 1, pp. 129-143, DOI:org/ 10.1016/j. marpolbul.2013.05.029.
- Sammarco PW, Kolian SR, Warby RA, Bouldin JL, Subra WA, Porter SA (2015) Concentrations in human blood of petroleum hydrocarbons associated with the BP/Deepwater Horizon oil spill, Gulf of Mexico. *Archives of Toxicology*, 1-9. DOI 10.1007/s00204-015-1526-5.

- Sammarco PW, Kolian SR, Warby RA, Bouldin JL, Subra WA, Porter SA (2013) Corrigendum to “Distribution and concentrations of petroleum hydrocarbons associated with the BP/Deepwater Horizon oil spill, Gulf of Mexico”, *Marine Pollution Bulletin* 73 129-143). 76: 435.
- Sammarco PW, Lirette A Tung TF, Genazzio M, Sinclair J (2014) Coral community development on “Rigs-to-Reefs” vs. standing oil/gas platforms: Artificial reefs in the Gulf of Mexico. *ICES Journal of Marine Science*. 71: 417-426, DOI:10.1093/icesjms/fst140.
- Sammarco PW, Porter SA, Cairns SD (2010) A new invasive coral species for the Atlantic Ocean: *Tubastraea micranthus* (Cairns and Zibrowius 1997) (Cnidaria, Anthozoa, Scleractinia): A potential major threat? *Aquatic Invasions* 5, 131-140. DOI: 10.3391/ai.2010.5.2.02
- Sammarco PW, Porter SA, Genazzio M, Sinclair J (2015) Success in competition for space two invasive coral species in the western Atlantic – *Tubastraea micranthus* and *T. coccinea*. *PLOS One*. DOI: 10.1371/journal.pone.0144581
- Sammarco PW, Porter SA, Sinclair J, Genazzio M (2014) Population expansion of a new invasive coral species – *Tubastraea micranthus* – in the northern Gulf of Mexico. *Marine Ecology Progress Series*, 495: 161-173, DOI: 10.3354/meps10576.

Scientific and Engineering Periodicals

- Kolian SR, Walker A (2004) Louisiana is losing critical reef habitat and job opportunities. *Sea Technology*, October, Volume 45 No. 10. pp.31.
- Kolian SR (2011) Benefits of leaving oil and gas platforms intact as artificial reefs. *Exploration and Production: Oil and Gas Review* 2011 9(2).
- Manauagh G (2010) Landscapes of Energy. Plug-in ecozones. *New Geographies* 02: *Harvard University Graduate School of Design*, 2010; published by Harvard University Press.

Technical Reports

- Kolian SR (1996) Open Ocean Mariculture and the Significance of Petroleum Structures to Regional Fisheries. Mariculture Associated with Oil and Gas Structures: Compendium In Proceedings: Fourteenth Information Transfer

Meeting, November 17, 1994, New Orleans, La. OCS Study MMS 96-0050. U.S. Dept. of Interior, Minerals Management Service, Gulf of Mexico OCS Region, New Orleans, Louisiana. P.27-32.

Kolian SR, Porter SA, Sammarco PW (2011) National Environmental Policy Act (NEPA) analysis of the removal of retired offshore oil and gas platforms, EcoRigs Platform Removal Brief No. 2. EcoRigs. Non-Profit Corporation, New Orleans, Louisiana.

Kolian, S.R. Sammarco PW (2005) Mariculture and other uses for offshore oil and gas platforms: rationale for retaining infrastructure. Technical Report. Eco-Rigs Non-Profit Organization, New Orleans, Louisiana. March 2005.

Kolian SR, Sammarco PW (2006) Job creation and marine aquaculture, direct generation of 18,000 jobs. Technical Report No. 2, EcoRigs Non-Profit Organization, 4 p. Available at: www.ecorigs.org.

Kolian S, Sammarco PW (2008) Removal of Offshore Oil and Gas Platforms: Rationale for Retaining Infrastructure in the Gulf of Mexico, EcoRigs Non-Profit Organization, New Orleans, Louisiana.

Hoffman, J. and P.W. Sammarco (2011) Recommendation for delays in decommissioning oil/gas Platforms in the Gulf of Mexico. Subm. to Sen. David Vitter (LA), Rep. Jeffrey Landry (LA), and Rep. John Fleming (LA), Chairperson, House Committee on Natural Resources, Wash., D.C. 2011b

Sammarco, P.W. (2011) Report and Review on Tsao, D., R.J. Portier, and L.M. Basirico on Laboratory Screening of Commercial Bioremediation Agents for the Deepwater Horizon Spill Response, submitted to the House Science, Space, and Technology Subcommittee on Investigation and Oversight, Washington, D.C.

Sammarco, P.W. (2011) New invasive marine species colonizing oil/gas platforms in the northern Gulf of Mexico: Verification and Examination of Spread. US Dept. Interior, Bureau of Ocean Energy Management, Regulation, and Enforcement (BOEMRE), Environmental Science Section, New Orleans, LA, Ann. Report, 13 pp. 2011d

Sammarco, P.W. (2011) A.D. Atchison, D.A. Brazeau, G.S. Boland, J. Sinclair, A. Lirette, and F. Tung Distribution, Abundance, Recruitment, and Genetic Affinities of Corals on Platforms in the Gulf of Mexico. Executive Summary. Information Transfer Meeting, February 2011, New Orleans, US Dept. Interior, Bureau of Ocean Energy Management, New Orleans, LA. 7 pp

- Sammarco PW (2007) Invasive species on oil and gas platforms in the N. Gulf of Mexico: Island-hopping and biogeographic expansion. In, R. Osman and T. Shirley (eds.), *The Gulf of Mexico and Caribbean Marine Invasive Species Workshop*, Harte Research Inst., Texas A&M University – Corpus Christi, Corpus Christi, TX, Feb. 26–27, 2007, p. 15–16.
- Sammarco, PW (2013) Deepwater coral distribution and abundance on active offshore oil and gas platforms and decommissioned Rigs-to-Reefs platforms. U.S. Dept. of the Interior, Bureau of Ocean Energy Management, Gulf of Mexico OCS Region, New Orleans, LA. OCS Study BOEM 2013–217. 45 pp.
- Sammarco PW (2014) Coral community development on offshore platforms in the Gulf of Mexico: What we now know. In, S. Bortone (ed.), *Interrelationships between corals and fisheries*, Gulf of Mexico Fisheries Management Council, Tampa, Florida; CRC Press, Boca Raton, FL, USA, p. 113–126.
- Sammarco PW. Determining the geographical distribution and genetic affinities of corals on offshore platforms, Northern Gulf of Mexico. US Department of the Interior, Bureau of Ocean Energy Management (BOEM), Gulf of Mexico OCS Region, New Orleans, LA. OCS Study BOEM. 2014;11:75.

Proceedings and Presentations

- Atchison A, Sammarco PW, Brazeau DA (2004) Genetic affinities of coral populations between the Flower Garden Banks and oil and gas platforms in the northern Gulf of Mexico: Preliminary data. *Proc. 10th Intl. Coral Reef Symp.*, Okinawa, Japan, 2004.
- Kolian SR (2002) Use of retired oil and gas platforms for environmental applications. U.S. Commission on Ocean Policy, New Orleans Hearing (Public Comments) to the U.S. the commission on March 7–8, 2002. New Orleans, LA.
- Kolian SR (2002). Utilizing oil and gas platform for purposes other than oil and gas production. Pew Oceans Commission Public Hearing, New Orleans, Louisiana, March 15, 2002. New Orleans, LA.
- Kolian SR, (2003) Utilization of retired platforms for alternate uses. American Petroleum Institute (API) Lafayette Holiday Inn. June 16, 2003. Lafayette, LA.
- Kolian, SR. (2004) Utilizing retired oil and gas platforms for mariculture. Louisiana Environmental Health Association (LEHA) Annual Education Conference, Holiday Inn, LaPlace, LA January 27–29, 2004. Lafayette, LA.

Kolian SR (2010) Alternate uses of retired platforms in the Gulf of Mexico. Annual Proceedings of Decommworld Eye on Energy Conference. March 29th-30th, 2010 Houston, Texas.

Kolian, SR, Sammarco PW. (2003) Ecological effects of offshore oil and gas production, American Petroleum Institute (API) Washington DC September 16, 2003.

Kolian, SR, Sammarco PW. (2003) Environmental aspects of modern oil and gas development. 108th US Congress: Committee on Resources: Subcommittee on Energy and Mineral Resources held an oversight hearing on Sept 17, 2003.

Kolian, SR, Sammarco PW. (2006). Use of retired oil and gas platforms in the Gulf of Mexico, Louisiana Recovery Authority. Public Hearing, October 2006.

Kolian, SR, Sammarco PW. (2003) Utilization of retired platforms for alternate uses. Heritage Foundation, Washington DC. Sept 17, 2003.

Sammarco PW, Atchison A (2001) Coral Communities and Recruitment on Offshore Drilling Platforms in the Northern Gulf of Mexico: Summary. US Dept. Interior Minerals Management Service Information Transfer Meeting, New Orleans, LA, Jan. 2001.

Sammarco PW, Atchison A (2002) Coral Communities and Recruitment on Offshore Drilling Platforms in the Northern Gulf of Mexico: Summary. US Dept. Interior Minerals Management Service Information Transfer Meeting, New Orleans, LA, Jan. 2002.

Sammarco PW, Atchison A, Boland GS (2002) Drilling platforms as environmental assets: Developing an assessment protocol using adult and juvenile corals. US Dept. Interior Minerals Management Service Information Transfer Meeting, New Orleans, LA, Jan. 2002.

Sammarco PW, Atchison A., Boland GS (2004) Geographic expansion and limits of corals in the NW Gulf of Mexico: Colonization of Offshore Oil and Gas Platforms Proc; 10th Intl. Coral Reef Symp., Okinawa, Japan, 2004.

Sammarco PW, Brazeau DA, Atchison A, Boland GS, Lirette A (2007) Coral distribution, abundance, and genetic affinities on oil/gas platforms in the N. Gulf of Mexico: A preliminary look at the Big Picture. *Proc. Minerals Management Service Information Transfer Meeting*, New Orleans, Jan. 2007.

Participation in Relevant US Federal and State Legislation

Federal Register /Vol. 85, No. 92 /Tuesday, May 12, 2020 / Presidential Documents. Executive Order 13921 of May 7, 2020; Promoting American Seafood Competitiveness and Economic Growth. The E.O. recommended that commercial fisherman automatically receive aquaculture licenses.

Title 30 CFR Parts 285.1000 (2009) Subpart J. Renewable Energy and Alternate Uses of Existing Facilities on the Outer Continental Shelf; Final Rule. Federal Register/ Vol. 74, No. 81/ Wednesday, April 29, 2009/ Rules and Regulations.

State of Louisiana “Platforms for Mariculture” Task Force (2004) Louisiana Department of Natural Resources. Members: SR Kolian and PW Sammarco.

Energy Policy Act of 2005, (PL 109-58 Sec. 388). Section 388 allows the use of retired offshore oil and gas platforms for any “marine related purpose.” Introduced under the Bush Administration. Section 388 surfaced in PL 109-58 and was written in response to the publication of the Kolian and Sammarco (2005) Technical Report: “Mariculture and other uses for offshore oil and gas platforms: Rational for Retaining Infrastructure” This article promulgated the: Alternate Uses of Offshore Facilities, Alternate Energy and Alternate Use (AEAU) program (Sub Part J: 30 CFR 285.1000).

Proposed Legislation

HR 2654 “Rigs to Reef Act” The bill was introduced by Rep. David Vitter (R-Louisiana) to the 108th Congress 1st Session, September 2003.

HR 4761 “Deep Ocean Resources Act of 2006” presented by Bobby Jindal, Section 19 contains the “Rigs to Reefs Act.” HR 4761 passed the House of Representatives on June 26th, 2006.

HR 4761 Section 19 “Rigs to Reefs Act” of “Domestic Energy Production through Offshore Exploration and Equitable Treatment of State Holdings Act of 2006”, presented in the 109th Congress.

HR 6108 Section 21 “Rigs to Reefs Act” of “Deep Ocean Energy Resource Act”, presented in the 110th Congress. 2006.

HR 6779 Section 224 of “Rigs to Reefs Act” of “Security and Energy for America Act”, presented in the 110th Congress.

U.S. Federal - Personal Communications

Sammarco, P.W. and Kolian S.K. 2021. Letter to J. Biden regarding new regulations of the platforms could play a critical role in producing renewable energy, enhancing offshore fisheries, and providing our coastal communities with an infrastructure to generate carbon-free renewable energy and sequester greenhouse gases.

Sammarco, P.W. and Kolian S.K. 2018. Letter and white paper sent to D. Trump recommending saving retired offshore platforms for alternate uses, to employ citizens in the coastal communities.

Kolian, S.K. and Sammarco, P.W. 2010. Letter to B. Obama regarding the new “Renewable Energy and Alternate Uses of Existing Facilities on the Outer Continental Shelf” (30 CFR 285.1000 Subpart J regulations).

Kolian, S.K. and Sammarco, P.W. 2008. Letter to H.W. Bush recommending additional liability support for the alternate use program for retired platforms in the Gulf of Mexico.

Kolian, S.K. and Sammarco, P.W. 2004. Letter to H.W. Bush with enclosed publication Kolian and Sammarco (2005) Technical Report: “Mariculture and other uses for offshore oil and gas platforms: Rational for Retaining Infrastructure”.