

Gary A. Wolff
723 Inwood Dr.
Bryan, Texas 77802
979/693-3446 (day)

Education:

PhD Oceanography, Texas A&M University, 1982
MS Oceanography, Texas A&M University, 1977
BA Zoology, University of Texas, 1972

Private Sector Affiliation:

GeoData Publishers, Inc, 1902 Pinon, College Station, Texas 77845-5816, 2004 – present
TDI-Brooks International, Inc., 1902 Pinon, College Station, Texas 77845-5816, 2005 – present
Geo-Marine, Inc., 550 East 15th Street, Plano, TX 75074, 2005 - present
GKG.NET, INC., 2700 Earl Rudder Frwy. S., College Station, TX, 77845, 2005 – 2006

Educational Experience:

Associate Research Scientist, Geochemical and Environmental Research Group, College of Geosciences, Texas A&M University, 1990 - 2004
Lecturer and Associate Research Scientist, Environmental and Water Resources Engineering Division, Civil Engineering Department, Texas A&M University, 1986 - 1990
Assistant Research Scientist, Environmental Engineering Division, Civil Engineering Department, Texas A&M University, 1982 - 1986
Research Associate, Environmental Engineering Division, Civil Engineering Department, Texas A&M University, 1982
Research Assistant, Department of Oceanography, Texas A&M University, 1976 - 1981
Assistant Curator, Systematic Collection of Marine Organisms, Texas A&M University, 1974 – 1976

Professional Interests and Activities:

- Environmental monitoring and assessment of coastal and offshore waters.
- Management of large, multidisciplinary databases.
- GIS, SAS, Web design/development, video
- Population structure, energetics and distribution of zooplankton and cephalopods, fishes;
- Biometrics, biostatistics, Statistics
- 130 cruise days, Gulf of Mexico, North and South Atlantic.
- SCAR/COMNAP Workshop on Environmental Monitoring in Antarctica. March 1996. Data Management Working Group
- Invited Participant: A workshop on cephalopod taxonomy and the identification of cephalopod beaks. 1-12 June 1981. Marine Biological Association of the United Kingdom, Plymouth, England.

Contributions to Books

M. Clarke, ed.; *A handbook for the identification of cephalopod beaks*. Oxford University Press, 1987.
M. Clarke, ed.; *Collection and preservation techniques for cephalopods*. SCAR-SCOR Publisher, 1988.
A.H.L. Huiskes, W.W.C. Gieskes, J. Rozema, R.M.L. Schorno, S.M. van der Vies and W.J. Wolff, eds.:
Antarctic Biology in a Global Context. Backhuys Publishers. 2003

Presentations

Wade, T.L., G. Wolff, B. Presley, 2005, Contaminant Chemistry: Polycyclic Aromatic Hydrocarbons (PAH) and Trace Elements (TE) Northern Gulf of Mexico, Proceedings of the 23rd MMS ITM Meeting Vol. 23, 44-48.

- Kennicutt II, Mahlon C, Gary A. Wolff, Andrew Klein, and Paul Montagna, Guy Denoux, Dianna Alsup Gielstra, John Hinton, Sally Moorehead, Jose Sericano, Steve Sweet, Terry Wade. *Spatial and Temporal Scales of Human Disturbance - McMurdo Station, Antarctica*. Scientific Committee on Antarctic Research's (SCAR) VIII International Biology Symposium. Vrije Universiteit, Amsterdam, The Netherlands, August 27- September 1, 2001
- Sericano, J.L., Y. Qian, G. Wolff, and T. Wade. 1999. The NOAA's National Status and Trends Mussel Watch Program in Galveston Bay: Chlorinated Hydrocarbons in Oysters, 1986-1997. Proceedings, Galveston Bay Estuary Program, State of the Bay Symposium IV, January 28-29, Galveston, TX, 59-69.

Articles in Refereed Journals

- Klein, A.G., Kennicutt, M.C. II, Wolff, G.A., Sweet, S.T., Gielstra, D.A. and Bloxom, T., *in review*. Disruption of sand-wedge polygons at McMurdo Station, Antarctica: an indication of the areal extent of physical disturbance. *Geografiska Annaler*.
- Klein, A.G., Kennicutt, M.C. II, Wolff, G.A., Sweet, S.T., Bloxom, T., Gielstra, D.A. and Cleckley, M., *accepted*. The historical development of McMurdo Station, Antarctica, an environmental perspective. *Polar Geography*.
- Presley, B.J., G.A. Wolff, R.J. Taylor and P.N. Boothe, 2004. Trace Elements in Gulf of Mexico Oysters 1986-1999. *In: Geochemical Investigations in Earth and Space Science, the Geochemical Society Special Publication Series 9*, R. Hill, et al. (eds) 267-285.
- Mahlon C. Kennicutt II, Gary A. Wolff, Andrew Klein, and Paul Montagna. 2003. *Spatial and Temporal Scales of Human Disturbance - McMurdo Station, Antarctica*. Scientific Committee on Antarctic Research's (SCAR) VIII International Biology Symposium Papers.
- Wade, T., J. Sericano, P. Gardinali, G. Wolff and L. Chambers. 1998. NOAA's "Mussel Watch" Project: Current Use Organic Compounds in Bivalves. *Marine Pollution Bulletin*, 37(1-2) 20-26.
- Park, C.; J. Wormuth; G. Wolff. 1989. Sample variability of zooplankton in the near-shore off Louisiana with consideration of sampling design. *Continental Shelf Research*, 9(2) 165-179.
- Wolff, G. 1984. Identification and estimation of size from the beaks of 18 species of cephalopods from the Pacific Ocean. NOAA Technical Report. NMFS #17; 50 p.
- Wolff, G. 1982. A cephalopod beak key to eight eastern tropical Pacific species with associated estimates of their weight and length. *Fish. Bull.* 80(1):355-368.
- Wolff, G. and J. Wormuth. 1979. Biometric separation of two morphologically similar species of the squid family Ommastrephidae. *Bull. Mar. Sci.* 29(4):587-592;

Technical Reports – from 1998

- Spatial and Temporal Scales of Human Disturbance – McMurdo Station, Antarctica*. Final report to NSF-OPP, 203pp. March 2003.
- Stability and Change in Gulf of Mexico Chemosynthetic Communities* Final Report to MMS, 455pp. October 2002.
- Standard Techniques for Monitoring in Antarctica* Council of Managers of National Antarctic Programs Kennicutt, M.C. (Ed) Chapter 3 *Data Management*. 2001.
- Kennicutt II, M., D. Wylie and G. Wolff. 1998. Summary of Existing Environmental Data, McMurdo Station, Antarctica. National Science Foundation.
- Kennicutt II, M., and G. Wolff. 1998. *Spatial and Temporal Scales of Monitoring*. National Science Foundation.
- Continental Shelf Associates, Inc. and Texas A&M University, Geochemical and Environmental Research Group. 1998. Northeastern Gulf of Mexico Coastal and Marine Ecosystem Program: Ecosystem Monitoring, Mississippi/Alabama Shelf; Second Annual Report. USGS/BRD and MMS.
- Kennicutt II, M., G. Wolff and D. Alsup. 1999. System Attributes Amenable to Long Term Monitoring. National Science Foundation.

- Kennicutt II, M., G. Wolff, D. Alsup and A. Klein. 1999. Long-Term Monitoring McMurdo Station, Antarctica - Pilot Project Design. National Science Foundation.
- Sericano, J.L., Y. Qian, G. Wolff and T. Wade. 1999. The NOAA's National Status and Trends Mussel Watch Program in Galveston Bay. Chlorinated Hydrocarbons in Oysters, 1986-1997. Proceedings, Galveston Bay Estuary Program, State of the Bay Symposium IV, p59-69.
- Wolff, G. Analytical Results. Wade, T., ed. Analyses of Bivalves and Sediments for Organic Chemicals and Trace Elements. Thirteenth Annual Report, 1998, Vol. 3. NOAA.

Major Programs as Principal Investigator/Data Manager:

- Investigations of Chemosynthetic Communities on the Lower Continental Slope of the Gulf of Mexico, MMS (2005-2009)
- Deepwater Program: Northern Gulf of Mexico Continental Slope Habitats and Benthic Ecology (DGoMB), MMS (1999-current).
- Spatial and Temporal Scales of Human Disturbance – McMurdo Station, Antarctica, NSF-OPP
- Stability and Change in Gulf of Mexico Chemosynthetic Communities (CHEMO II), MMS
- National Status and Trends Mussel Watch Program - East, West, and Gulf Coasts, NOAA
- The Mississippi-Alabama Marine Ecosystem Study. Phase III (MAMES III), MMS
- Natural Resource Inventory Contaminant Database, Texas General Land Office
- Offshore Operations Monitoring Experiment: Phase I: Sublethal Responses to Contaminant Exposure (GOOMEX), MMS
- Stability and Change in the Gulf of Mexico Chemosynthetic Communities (CHEMOI), MMS
- Archaeological Investigation to Reevaluate Cultural Resource Management Zone 1 in the Gulf of Mexico and to Provide An Interpretive Framework For The Analysis Of Magnetometer Data, Gulf of Mexico, MMS
- Mississippi-Alabama Marine Ecosystem Study (MAMES), MMS
- Biometrics of Eastern Tropical Pacific Cephalopods, NSF
- Biometrics, Diversity and Ecology of Cephalopod / Tuna Assemblages, NOAA
- Sampling and Analysis of Krill, Zooplankton and Squid in the Area of Bransfield Strait, NMFS
- Strategic Petroleum Reserve Program, DOE - Zooplankton
- Strategic Petroleum Reserve Program Project, DOE – Data Management