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Department of Earth Sciences and Southeast Environmental Research Center
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Education

1985 B.S. Geology, Rensselaer Polytechnic Institute, Troy, NY
1988 M.S. Environmental Sciences, University of Virginia, Charlottesville, VA
2001 Ph.D. Marine Geology and Geophysics, Rosenstiel School of Marine and Atmospheric Sciences, University of Miami, Miami, FL

Professional Employment

2008-Present Associate Professor-Dept. of Earth Sciences and Southeast Environmental Research Center, Florida International University
2001-2008 Assistant Professor-Dept. of Earth Sciences and Southeast Environmental Research Center, Florida International University
1995-2001 Research and Teaching Assistant, University of Miami, RSMAS, MGG
1994-1995 Quality Assurance Officer, Southeast Environmental Research Center, Florida International University, Miami, Florida
1993-1994 Hydrogeologist, ERM-South, Inc. Miami, Florida
1992 Hydrogeologist, Harding Lawson Associates, Novato, California
1988-1992 Hydrogeologist, Environmental Resources Management, Inc. Annapolis, MD
1986 Geologist, Hydrosystems, Inc. Charlottesville, Virginia
1984-1985 Geologist, Goldberg, Zoino, and Associates, Newton Upper Falls, Massachusetts

Teaching Experience

Courses Taught at FIU

Undergraduate Courses

Introduction to Hydrogeology
Applied Hydrogeology of South Florida
Oceanography

Graduate Courses

Hydrogeology (Lecture and Laboratory)
Chemical Hydrogeology and Solute Transport
Advanced Topics in Hydrology
Graduate Student Seminar
Advanced Graduate Student Seminar
Water-Rock Interactions
Planet Earth: South Florida Geology and Hydrogeology

Additional Teaching of the following Laboratory Courses:

Carbonate Diagenesis: Graduate level, U. of Miami, RSMAS-MGG, Spring 2001
Physical Geology: Undergraduate level, U. of Miami, Geology Department, 1996-1997
Environmental Geology: Undergraduate level, Department of Environmental Sciences, University of Virginia, Charlottesville, VA, 1985-1986
Aqueous Geochemistry: Graduate level, Department of Environmental Sciences, University of Virginia, Charlottesville, VA, 1987

Students Supervised:

Graduate Students directly supervised: 2 M.S., 3 Ph.D.

Vincent DiFrenna, M.S., Fall 2002- Fall 2005, “Effect of scaling on hydraulic conductivity in a karst aquifer” Finished Fall 2005

Virginia Walsh, Ph.D., Fall 2003 to Present, “Geochemical determination of the fate and transport of injected fresh wastewater into a deep saline aquifer”

Jeremy Stalker-Ph.D., Fall 2004 to Present, “The use of natural groundwater tracers and geophysical techniques to describe the sources of freshwater into Biscayne Bay.”

Pamella Sullivan-Ph.D. Spring 2007 to Present, “Groundwater-surface water interactions and nutrient transport in tree islands”

Xavier Zapata, M.S. Fall 2007 to Present, “Hydrology of Taylor Slough in the Everglades”

Served on Graduate Student Committees: 10 M.S. and 5 Ph.D.

Undergraduate Students directly Supervised: 9

International Students Supervised: 2

Theo Vlaar, MSc Land & Water Management, Larenstein University, The Netherlands

Srikumar Roy, Department of Geology and Geophysics, IIT Kharagpur, India

Post-Doc Supervised: 1

Jean L. Jolicoeur

Honors and Awards

Awarded the Smith Prize for outstanding dissertation completed at UM-RSMAS in 2001

Outstanding Student Paper Award, Hydrology Section, American Geophysical Union, 2000

First Place in Marine Science, UM Graduate Student Research and Creativity Forum, 1999

RSMAS-MGG Graduate Student Fellowship: 1995

Department of Environmental Sciences Graduate Research Grant, University of Virginia: 1986.

Dean's Reserve Award, University of Virginia: 1986.

President of Sigma Gamma Epsilon, University of Virginia Chapter: 1986

Amoco Foundation, Inc. Scholarship, Rensselaer Polytechnic Institute: 1982-1985.

Professional Affiliations and Accreditations

Florida Professional Geologist

American Geophysical Union

Geological Society of America

International Association of Hydrogeologists

International Association of Geochemistry

Professional Service

Associate Editor of Applied Geochemistry Journal 2005-Present

Reviewed Proposals for National Science Foundation, Puerto Rico Seagrant, Louisiana Seagrant, North Carolina Seagrant, and National Institutes for Water Resources

Reviewed Papers for Geological Society of America, Journal of Hydrology, Hydrogeology Journal, Geophysical Research Letters, Hydrobiologia, Journal of Sedimentology, and Bulletin of Marine Science

Convener of a topical session at GSA Annual Meeting 2005 entitled: “Interactions of Groundwater and surface water at the Land-Sea Margin”.

Convener of a topical session at AGU Spring Meeting 2008 entitled: “Advances in Understanding Groundwater Flow in Karst Systems”.

Funding

Funding while at FIU: My portion; \$1.5M of \$6.8M

South Florida Water Management District (SFWMD) – A geochemical investigation of groundwater-surface water interactions at LILA, Oct. 1, 2007 – Oct. 1-2008: **\$19,279.12 (Price, sole PI)**

National Park Service (NPS)-Hydrologic Data Collection and Analysis in and near Everglades National Park, October 2007 – Sept. 2008, **\$219,492.00. (Price, sole PI)**

SFWMD – Determining Nutrient Concentrations in Groundwater Along the Mangrove Ecotone Region of Shark River Slough-Aug. 2007-Dec. 2007. **\$17,219 (Price, sole PI).**

SFWMD- Determining Nutrient Concentrations in Groundwater Beneath Florida Bay- June 2007 – Feb. 2008, **\$45,650 (Price, sole PI).**

SFWMD – A physical investigation of groundwater-surface water interactions at Loxahatchee Impoundment Landscape Assessment (LILA), Jul. 2007-Jul. 2009, **\$49,944 (Price, sole PI).**

National Science Foundation (NSF)- Long Term Ecological Research (LTER) Florida Coastal Everglades (FCE) II- PIs, Childers, **Price**, Heithaus, Gaiser, Jaffee, Jan. 2007 – Nov. 2012, \$4,920,000. My portion: **\$360,000.**

Southeast Environmental Research Center (SERC) Foundation Grant - Phosphorus concentrations in Limestone from the Biscayne Aquifer. Dec. 2006 – Dec. 2007, **\$5,000. (Price, sole PI)**

National Park Service (NPS)-Hydrologic Data Collection and Analysis in and near Everglades National Park, October 2006 – Sept. 2007, **\$209,500. (Price, sole PI)**

Miami-Dade Water and Sewer Authority-Geochemical Study of the South District Wastewater Treatment Plant, October 2005-December 2006, **\$16,855. (Price, sole PI)**

NPS-Biscayne National Park-Investigation of groundwater flow into Biscayne National Park, subcontract to Univ. of Miami, October 2005-September 2006: **\$18,525. (Price, sole PI)**

NPS-Phosphorus retention and sub-surface movement through the S-332 detention basins on the eastern boundary of Everglades National Park. PIs, Gaiser, **Price**, Scinto, and Trexler, August 2005-July 2008: \$420,000. My Portion: **\$103,000.**

SFWMD- Loxahatchee Impoundment Landscape assessment (LILA_ tree island experiments and site management, PIs, Scinto, **Price**, and Ross, May 1, 2005 - Sept. 1, 2008: \$460,000. My portion: **\$61,500.**

NPS-Hydrologic Data Collection and Analysis in and near Everglades National Park, October 2005 – December. 2006, **\$193,000. (Price, sole PI)**

NPS-Hydrologic Data Collection and Analysis in and near Everglades National Park, Sept 2004 – Sept. 2005, **\$40,000. (Price, sole PI)**

Florida Seagrant-Using Natural Chemical Tracers to Evaluate Point-Source and Non-Point Sources of Freshwater Inputs to Biscayne Bay. Feb. 1, 2004- Jan. 31, 2006. PIs **Price** and Swart; \$150,000. My portion: **\$90,000.**

FIU Foundation, Inc. Measuring Nutrient Concentrations in Groundwater Discharge to the Southern Everglades, Summer 2003. **\$5,000. (Price, sole PI)**

FIU College of Arts & Sciences, Summer Research Program. Measuring Nutrient Concentrations in Groundwater Discharge to the Southern Everglades, Summer 2003. **\$4,000. (Price, sole PI)**

NOAA-South Florida Ecosystem Restoration, Prediction, and Modeling Program. SFERPM 2000 Estimating Evaporation Rates in Florida Bay. Continuation of NOAA grant below through a subcontract with UM, summer 2002. **\$18,000 (Price, sole PI).**

Funding Prior to FIU (Although I could not be recognized as the PI on these proposals, I was instrumental in their writing and served as a graduate research assistant on each project.)
NOAA-South Florida Ecosystem Restoration, Prediction, and Modeling Program. SFERPM 2000 Estimating Evaporation Rates in Florida Bay. August 2000 - July 2002. \$256,834.
NPS-Everglades National Park. Geochemical Determination of Groundwater Flow in Everglades National Park. May 1999 - April 2000. \$64,500.
SFWMD. Geochemical Determination of Groundwater Flow in Everglades National Park. May 1997-October 2000. \$259,871.

Publications

Publications submitted and in Review

Stiefel, J.M., A.M. Melesse, M.E. McClain, **R.M. Price**, E.P. Anderson, and N.K. Chauhan, *Effects of rainwater harvesting induced artificial recharge on the groundwater of wells in Rajasthan, India*, Submitted to Hydrogeology Journal (July 2008).
Stalker, J C, **R. M. Price**, P.K. Swart, *Determining Spatial and Temporal Inputs of Freshwater, Including Groundwater Discharge, to a Subtropical Estuary Using Geochemical Tracers, Biscayne Bay, South Florida*, Submitted to Estuaries and Coasts (July 2008).
David A. Chin, **Rene´ M. Price**, and Vincent J. DiFrenna, *Nonlinear Flow in Karst Formations*, Submitted to Ground Water (August 2008).

Publications in Refereed Journals

- 2008 **Price, R.M.**, P.K. Swart, and H. E. Willoughby, *Seasonal and spatial variation in the stable isotopic composition ($\delta^{18}O$ and δD) of precipitation in south Florida*. Journal of Hydrology, 358: 193-205. doi:10.1016/j.jhydrol.2008.06.003.
- 2008 DiFrenna, V.J., **R.M. Price***, and M.R. Savabi, *Identification of a hydrodynamic threshold in karst rocks from the Biscayne Aquifer, south Florida, USA*, Hydrogeology Journal. 16(1): 31-42. DOI 10.1007/s10040-007-0219-4.
*corresponding author, senior author was one of my M.S. students
- 2007 **Price, R.M.**, Nuttle, W.K., B. J. Cosby, and P.K. Swart. *Variation and Uncertainty in Evaporation from a Subtropical Estuary: Florida Bay*, Estuaries and Coasts. 30(3):497-506.
- 2006 **Price, R.M.**, and P.K. Swart, *Geochemical indicators of groundwater recharge in the Surficial Aquifer System, Everglades National Park, Florida, USA*, in Harmon, R.S., and Wicks, C., eds., *Perspectives on karst geomorphology, hydrology, and geochemistry—A tribute volume to Derek C. Ford and William B. White*: Geological Society of America Special Paper 404:251-266. doi: 10.1130/2006.2404(21).
- 2006 **Price, R.M.**, P.K. Swart, and J.W. Fourqurean, *Coastal groundwater discharge-an additional source of phosphorus for the oligotrophic wetlands of the Everglades*, Hydrobiologia, 569:23-36. doi:10.1007/s10750-006-0120-5.
- 2003 **Price, R.M.**, J.D. Happell, Z. Top, and P. K. Swart *Use of tritium and helium to define groundwater flow conditions in Everglades National Park*. Water Resources Research, 39(9), doi:10.1029/2002WR001929.
- 2003 Happell, J.D. **R.M. Price**, Z. Top, and P.K. Swart. *Evidence for the removal of CFC-11, CFC-12, and CFC-113 at the ground water-surface water interface in the Everglades*. Journal of Hydrology, 279:94-105.
- 2002 P.K. Swart and **R.M. Price**. *Origin of Salinity Variations in Florida Bay*. Limnology and Oceanography, 47(4):1234-1241.
- 2001 Swart, P.K., **R.M. Price**, and L.Greer. *The relationship between stable isotopic variations (O, H, and C) and salinity in waters and corals from environments in South*

- Florida: Implications for reading the paleoenvironmental record.* Bulletins of American Paleontology, 361:17-29.
- 1991 **Price, R.M.** and J.S. Herman. *Geochemical Investigation of Salt Water Intrusion into a Coastal Carbonate Aquifer: Mallorca, Spain.* Geological Society of America Bulletin, Vol. 103: No. 10, pp. 1270-1279.

Publications in Conference Proceedings

- 2008 J.M. Stiefel, A. M. Melesse, M. McClain, **R. M. Price**, E.P. Anderson, and N.K. Chauhan, *Effects of rainwater harvesting induced artificial recharge on the groundwater of wells in Rajasthan, India*, Groundwater conference proceedings, Rajasthan, India, March 2008
- 2007 J.M. Stiefel, A. M. Melesse, M. McClain, **R. M. Price**, *Surface and Groundwater Dynamics of Rainwater Harvesting in Rajasthan, India: A GIS and Tracer Approach*, Conference Proceedings, 13th International Rainwater Catchment Systems Conference, Sydney, Australia, August 2007.

Thesis and Dissertation

- Price, R.M.**, *Geochemical Investigation of Salt Water Intrusion Along the Coast of Mallorca, Spain*, M.S. Thesis, University of Virginia, 186 pp, 1988.
- Price, R.M.**, *Geochemical Investigation of groundwater and surface water flow in Everglades National Park*, Ph.D. Dissertation, University of Miami, 307 pp., 2001.

Government Reports

- 2007 Stalker, J.C., **R.M. Price**, Investigation of Groundwater Flow into Biscayne National Park, Report compiled for the United States Department of the Interior, Biscayne National Park and South Florida/Caribbean CESU.
- 2006 Stalker, J.C., **R.M. Price**, and, P. K. Swart, Using Natural Chemical Tracers to Evaluate Point and non-Point sources of freshwater inputs into Biscayne Bay, Final Report Florida Seagrant project No. R/C-E-51.
- 2004 Swart, P.K. and **R.M. Price**. C-15877, *Biscayne Bay Paleoecological Salinity Study*, submitted by University of Miami/RSMAS to South Florida Water Management District.
- 2000 **Price, R.M.** and P.K. Swart. *Geochemical Determinations of Groundwater Flow in Everglades National Park. Draft-Annual Status Report No. 2.* Submitted by University of Miami/RSMAS to the South Florida Water Management District.
- 1998 **Price, R.M.** and P.K. Swart. *Geochemical Determinations of Groundwater Flow in Everglades National Park. Final-Annual Status Report No. 1.* Submitted by University of Miami/RSMAS to the South Florida Water Management District.
- 1993 **Price, R.M.**, R.W. Keating, R.P. Morgan II. *First Annual Post-liming Monitoring Report for the Western Maryland Watershed Liming Pilot Study.* Prepared by ERM, Inc. and University of Maryland Appalachian Environmental Laboratory for the Maryland Department of Natural Resources Tidewater Administration, Chesapeake Bay Research and Monitoring Division. CBRM-AD-93-9.
- 1991 **Price, R.M.** and R.W. Keating. *Assessment of Water Quality Impacts from the Faulkner Fly Ash Facility.* Prepared by ERM, Inc. for the Maryland Department of Natural Resources Power Plant and Environmental Review Division. PPER-MP-59.
- 1989 Bartoshesky, J., **R.M. Price**, and J. DeMuro. *Mitigation of Acid Deposition: Liming of Surface Waters.* Prepared by ERM, Inc. for the Maryland Department of Natural Resources Power Plant and Environmental Review Division. AD-89-4.
- 1989 **Price, R.M.** and D. Collins. *Potential Effects of Herbicide Use on Ground Water Quality*

Along Maryland's Transmission Line Corridors. Prepared by ERM, Inc. for the Maryland Department of Natural Resources Power Plant and Environmental Review Division.

Presentations

Invited Presentations

- 2007 *Stable isotopic content of precipitation in south Florida*, Southeast Environmental Research Center, FIU, May 9.
- 2007 *Groundwater Discharge of Phosphorus to Coastal Zones in south Florida*, USGS Center for Coastal & Watershed Studies, St. Petersburg, Florida, March 29.
- 2007 *Groundwater Discharge of Phosphorus to Coastal Zones in south Florida*, Geotopics, RSMAS-MGG, University of Miami, February 26.
- 2006 *Groundwater Discharge of Phosphorus to Coastal Zones in south Florida*, Dept. of Earth Sciences, Seminar Series, FIU, Nov. 3.
- 2005 *Geochemical Investigation of a Coastal Aquifer in South Florida: Constraining the Water Budget*, Department of Geology, William & Mary Geology Department of Geology, February 10.
- 2005 *Nutrient Concentrations in Groundwater Discharge to the Southern Everglades and Florida Bay*, FIU Board of Directors, January 26.
- 2004 *Using geochemistry to determine sources of fresh water to coastal zones*, FIU Environmental Studies Departmental Seminar, Sept. 22.
- 2003 *Groundwater-surface water interactions and seawater intrusion into the southern Everglades*, USGS National Research Program, Water Resources Discipline Research Seminar, Reston, VA, June 11.
- 2000 *Geochemical Investigation of groundwater flow in Everglades National Park.* Oceanography: The Making of a Science: People, Institutions and Discovery. University of Miami-Florida State University, RSMAS Auditorium, Miami, FL. January 20-21.
- 2000 *Investigating groundwater flow in Everglades National Park: A geochemical approach.* FIU, Department of Geology, Miami, FL. March 17.
- 2000 *Investigating groundwater flow in Everglades National Park: A geochemical approach.* Miami Geological Society, University of Miami, Coral Gables, FL. Oct.18.

Other Presentations

- 2008 Sullivan, P. and **Price, R.** Seasonal Variations in Tree Island Hydrology at Loxahatchee Impound Landscape Assessment (LILA), GEER 2008 Conference and Abstracts.
- 2008 **Price, R.M.**, Jolicoeur, J.L., Stalker, J.C., Geochemistry of phosphorus in a carbonate aquifer affected by seawater intrusion. 20th SWIM, Naples, FL., June 24.
- 2008 Walsh, V.M., and **Price, R.M.** Tracing vertical and horizontal migration of injected fresh wastewater into a deep saline aquifer using natural chemical tracers, 20th SWIM, Naples, FL., June 23.
- 2008 Swart, P K, **Price, R M**, Fifteen Years of Stable Oxygen, Hydrogen, and Carbon Isotopic Data from the Surface Waters in South Florida, AGU 2008 Joint Assembly, Ft. Lauderdale, FL, May 29.
- 2008 V J DiFrenna, **R M Price**, M R Savabi Identification of a Hydrodynamic Threshold in Karst Rocks from the Biscayne Aquifer, South Florida, USA, AGU 2008 Joint Assembly, Ft. Lauderdale, FL, May 28.
- 2008 W Virginia, **R Price**, Geochemical Differentiation of Injected Freshwater Vertical and Horizontal Flow Through Deep Saline Water Karst Aquifers AGU 2008 Joint Assembly,

- Ft. Lauderdale, FL, May 28.
- 2008 Sullivan, P L, AU: **Price, R M**, Seasonally Driven Groundwater Recharge by Everglades Surface Water as Indicated by Temperature, AGU 2008 Joint Assembly, Ft. Lauderdale, FL, May 28.
- 2008 Sullivan, P.L., **Price, R.M.**, Scinto, L.J., Ross, M.S., Cline, E, Dreschel., T.W., Sklar, R.H., Groundwater –surface water interactions in tree islands at Loxahatchee impound landscape assessment (LILA), Florida ASLO/AGU/TOS/ERF 2008 Ocean Sciences Meeting, Orlando FL, March 3.
- 2008 **Price, R.M.**, Stalker, J.C., Jolicoeur, J.L., Smith III, T.J., Anderson, G.H., Engel, V., Rudnick, D.T., Newman, J.M., Groundwater inputs of nutrients to coastal zones of south Florida, ASLO/AGU/TOS/ERF 2008 Ocean Sciences Meeting, Orlando FL, March 3.
- 2008 Stalker, J.C., **Price, R.M**, Swart, P.K. Spatial and temporal inputs of freshwater and submarine groundwater discharge to a subtropical estuary using geochemical tracers, Biscayne Bay, South Florida, ASLO/AGU/TOS/ERF 2008 Ocean Sciences Meeting, Orlando FL, March 3.
- 2008 Jolicoeur, J.L., **Price, R.M**, Savabi, R.M, Adsorption/desorption of phosphorus on limestone from the Biscayne Aquifer under freshwater and seawater conditions, ASLO/AGU/TOS/ERF 2008 Ocean Sciences Meeting, Orlando FL, March 3.
- 2008 Price, R.M.** and V. Engel. *FCE Hydrology Working Group*, FCE LTER All Scientists Meeting, Fairchild Tropical Botanic Garden, Coral Gables, FL March 18, 2008.
- 2008 Chen, M., **Price, R.**, Jaffé, R. . Assessing the Sources and Transformations of Dissolved Organic Matter in the Florida Coastal Everglades, FCE LTER All Scientists Meeting, Fairchild Tropical Botanic Garden, Coral Gables, FL March 18, 2008.
- 2008 Tatiana Mårquez, **René Price**, Jean Jolicoeur . Phosphorus Content of the Biscayne Aquifer Limestone. FCE LTER All Scientists Meeting, Fairchild Tropical Botanic Garden, Coral Gables, FL March 18, 2008.
- 2007 **Price, R.M**, and P.K. Swart, Seasonal and regional variation in the stable isotopic composition ($\delta^{18}\text{O}$ and δD) of semi-tropical rainfall: example from south Florida. Geological Society of America (GSA) Annual meeting, Denver, CO. Oct. 28.
- 2007 Sullivan, P. and **Price, R.M**. Using temperature and water levels to identify groundwater-surface water interactions in peat tree islands. GSA Annual meeting, Denver, CO. Oct. 28.
- 2007 **Price, R.M.** and V. Engel. *FCE Hydrology Working Group*, FCE LTER All Scientists Meeting, Fairchild Tropical Botanic Garden, Coral Gables, FL March 19.
- 2007 **Price, R.M.**, J.W. Fourqurean, P.K. Swart, *Groundwater discharge of phosphorus to the coastal regions in south Florida*, South Florida and Caribbean Cooperative Ecosystems Studies Unit (SFC CESU) 2007 Science Forum, FIU, February 23.
- 2006 **Price, R.M.**, J.W. Fourqurean, P.K. Swart, *Geochemical evidence of brackish groundwater discharge to coastal freshwater wetlands*, GSA Annual meeting, Philadelphia, PA, Oct. 22.
- 2006 Stalker, J.C., **R.M. Price**, and P.K.Swart, *Using strontium and calcium as geochemical tracers to differentiate freshwater inputs to an estuary, Biscayne Bay, south Florida*, GSA Annual meeting, Philadelphia, PA, Oct. 23.
- 2006 Walsh, V., **R.M Price**, *Geochemical modeling of the fate and transport of injected fresh wastewater into a deep saline aquifer*, GSA Annual Meeting, Philadelphia, PA, Oct. 25.
- 2006 Hickey-Vargas, R., G. Draper, L. Collins, W. Anderson, B. Clement, M. Gross, A. MacFarlane, **R. Price**, and D. Whitman, *GEOSCOPE: A project to engage undergraduates in the geosciences*, GSA Annual meeting Philadelphia, PA, Oct. 25.
- 2006 **Price, R.M**, and J.W. Fourqurean, *Groundwater as a source of phosphorus for coastal*

- ecosystems*, Long-Term Ecological Research (LTER) Network 2006 All Scientists Meeting, Estes Park, CO. Sept. 20-23.
- 2006 V. Walsh, **R.M. Price**, *Geochemical Determination of the Fate and Transport of Injected Fresh Wastewater into a Deep Saline Aquifer*, National Ground Water Association, Ground Water Summit, San Antonio, TX, April 23-27.
- 2005 **R. M. Price**, P. K. Swart, J. W. Fourqurean, *Terrestrial Brackish Groundwater Discharge - a Significant Flux of Phosphorus to the Mangrove-Estuarine Transition Zone of the Southern Everglades*, Florida Bay Science Conference, Duck Key, FL, Dec. 11-14.
- 2005 **R. M. Price**, W. K. Nuttle, B. J. Cosby, P. K. Swart, *Estimating Evaporation Rates in Time and Space across Florida Bay*, Florida Bay and Science Conference, Duck Key, FL, Dec. 11-14.
- 2005 P. K. Swart and **R. M. Price**, *Temporal Changes in the Delivery of Freshwater to Florida Bay: A decade of change*, Florida Bay Science Conference, Duck Key, FL, Dec. 11-14.
- 2005 J. C. Stalker, **R.M. Price**, and, P. K. Swart, *Using natural geochemical tracers to discern the dominant sources of freshwater into Biscayne Bay*, Florida Bay Science Conference, Duck Key, FL, Dec. 11-14.
- 2005 Hickey-Vargas, R. Draper, G., Anderson, W., Clement B, Collins, L., Gross, M., Macfarlane, A., **Price, R.**, and Whitman D. *GeoSCOPE: A Program to Engage Science Undergraduates in Geoscience Research*, AGU, Fall Meeting, Abstract ED41B-01.
- 2005 **R.M. Price**, P. K. Swart, and J. W. Fourqurean, *Terrestrial Brackish Groundwater Discharge of Phosphorus to Coastlines*, GSA Meeting, Salt Lake City, UT, Oct. 19.
- 2005 J. Stalker, **R.M. Price**, and, P. K. Swart, *Using natural geochemical tracers to discern the dominant sources of freshwater into Biscayne Bay*, southeast Florida, GSA Meeting, Salt Lake City, UT, Oct. 19.
- 2005 P. K. Swart, **R.M. Price**, and J. Stalker, *The application of the stable isotopes of oxygen and hydrogen to distinguish the origin of freshwater delivered to the coastal estuaries of south Florida*, GSA Meeting, Salt Lake City, UT, Oct. 19.
- 2005 J. C. Stalker, **R. M. Price**, P. K. Swart, *Using Natural Geochemical Tracers to Discern the dominant Sources of Freshwater into Biscayne Bay*, Southeast Florida, AGU Joint Meeting, New Orleans, LA, May 23-27.
- 2004 **R.M. Price**, and P. K. Swart. *Using Natural Chemical Tracers to Evaluate Point-source and Non-Point Sources of Freshwater Inputs to Biscayne Bay*. First National Conference on Ecosystem Restoration, Orlando, FL, Dec. 6-10.
- 2004 P. K. Swart, S. Bellmund and **R. M. Price**. *Freshwater signals in coral skeletons: A method for the reconstruction of past freshwater levels in Biscayne National Park* First National Conference on Ecosystem Restoration, Orlando, FL, Dec. 6-10.
- 2004 Difrenna, V. and **R.M. Price**. *Effect of Scaling on Hydraulic Conductivity in a Karst Aquifer*. First National Conference on Ecosystem Restoration, Orlando, FL, Dec. 6-10.
- 2004 Difrenna, V. and **R.M. Price**. *Effect of Scaling on Hydraulic Conductivity in a Karst Aquifer*. GSA, Denver, CO, Nov. 7-10.
- 2003 McKelvey, T. and **R.M. Price**. *Variations in phosphorus concentrations with salinity in groundwater affected by seawater intrusion*. National Ground Water Association, Orlando, FL. Dec. 9-12.
- 2003 McKelvey, T. and **R.M. Price**. *Measuring Nutrient Concentrations in Groundwater Discharge to the Southern Everglades*. LTER Network All Scientists Meeting, Seattle, WA, Sept 19.
- 2003 Nuttle, W.K., **R.M. Price**, and P.K. Swart . *Variation of Evaporation from Florida Bay*. Joint Conference on the Science and Restoration of the Greater Everglades and Florida Bay Ecosystem "From Kissimmee to the Keys", Palm Harbor, FL, April 13-18.

- 2003 P.K. Swart, **R.M. Price**, and W.K. Nuttle. *Estimates of Evaporation Using Stable Isotopes in Florida Bay*. Joint Conference on the Science and Restoration of the Greater Everglades and Florida Bay Ecosystem “From Kissimmee to the Keys”, Palm Harbor, FL, April 13-18.
- 2003 **R. M. Price**, Z Top, J D Happell, P K Swart. Terrestrial Brackish Groundwater Discharge Associated with Seawater Intrusion: Everglades National Park, Florida USA. The second international conference on Salt Water Intrusion and Coastal Aquifers-Monitoring, Modeling and Management, Mérida, Yucatán, México, March 30-April 2.
- 2002 **R. M. Price**, Z Top, J D Happell, P K Swart. *Use of Tritium and Helium to Define Groundwater Flow Conditions in a Coastal Aquifer Influenced by Seawater, Intrusion: Everglades National Park* AGU Spring Meeting, Washington D.C., May 29.
- 2001 Nuttle, W.K., **R.M. Price**, and P.K. Swart. *Estimating Evaporation from Florida Bay*. Estuarine Research Federation 2001, St. Pete Beach, FL, Nov. 7.
- 2001 **Price, R.M.** and P. K. Swart. *Seawater Intrusion: A Mechanism for groundwater flow into Florida Bay*. 2001 Florida Bay Science Conference, Key Largo, FL, Apr. 24.
- 2001 **Price, R.M.**, P. K. Swart, and W.K. Nuttle. *Estimating Evaporation Rates in Florida Bay*. 2001 Florida Bay Science Conference, Key Largo, FL, Apr. 24.
- 2001 P.W. Swart and **R.M. Price**. *Insights into the Origin of Salinity Variations in Florida Bay over Short and Long Time Periods*. Florida Bay Science Conference, Key Largo, FL, Apr. 24.
- 2000 **Price, R.M.**, Z. Top, and P.K. Swart. *Using ⁴Helium to Estimate Submarine Groundwater Discharge*. AGU, San Francisco, CA, Dec. 17.
- 2000 Happell, J.D., **R.M. Price**, and Z. Top. *Evidence for the Removal of CFC-12 and CFC-11 in Anoxic Everglades Pore Water*. AGU, San Francisco, CA, Dec. 19.
- 2000 **Price, R.M.**, and P.K. Swart. *A Geochemical Investigation of Groundwater Flow in Everglades National Park*. Greater Everglades Ecosystem Restoration Science Conference, Naples, FL, Dec. 14.
- 2000 **Price, R.M.**, P.K. Swart, Z. Top, and J. Happell. *Using Tritium, Helium and CFCs to define groundwater flow conditions in the Surficial Aquifer System beneath Everglades National Park*. American Geophysical Union, Washington, D.C. May 30-June3.
- 1999 Swart, P.K. and **R.M. Price**. 1999. *The origin of variations in the stable oxygen, hydrogen, and carbon isotopes of waters in the coastal waters of South Florida*. Florida Bay Science Conference, Key Largo, FL, Nov. 1-5.
- 1998 **Price, R.M.** and P.K. Swart. *Using stable isotopes to identify groundwater-surface water interactions in Everglades National Park*. Florida Bay Science Conference, Miami, FL, May.
- 1997 **Price, R.M.**, and P.K. Swart. *Using stable isotopes to define hydrologic conditions within Everglades National Park, USA*. GSA, Salt Lake City, Utah, Oct. 20-23.
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