

HENRIETA DULAIIOVA

WOODS HOLE OCEANOGRAPHIC INSTITUTION
DEPARTMENT OF MARINE CHEMISTRY AND GEOCHEMISTRY
MS# 25, WOODS HOLE, MA 02543
TEL: (508) 289 3739
FAX: (508) 457 2193
E-MAIL: hdulaiiova@whoi.edu

EDUCATION

CZECH TECHNICAL UNIVERSITY, PRAGUE, CZECH REPUBLIC
Faculty of Nuclear Sciences and Physical Engineering M. S. in Nuclear Chemistry, MAY, 1997
FLORIDA STATE UNIVERSITY, TALLAHASSEE, FLORIDA, USA
Department of Oceanography Ph.D. in Chemical Oceanography, AUGUST, 2005
WOODS HOLE OCEANOGRAPHIC INSTITUTION, WOODS HOLE, MASSACHUSETTS, USA
Department of Marine Chemistry and Geochemistry Postdoctoral Scholar, 2005 – present

APPOINTMENTS

WOODS HOLE OCEANOGRAPHIC INSTITUTION	WOODS HOLE, MASSACHUSETTS, USA
Department of Marine Chemistry and Geochemistry	
Postdoctoral Scholar	2005 – present
FLORIDA STATE UNIVERSITY	TALLAHASSEE, FLORIDA, USA
Department of Oceanography	
Graduate Research Assistant	2000 - 2005
NATIONAL RADIATION PROTECTION INSTITUTE	PRAGUE, CZECH REPUBLIC
Specialist - Radiochemistry Group	1997 – 2000
CZECH TECHNICAL UNIVERSITY	PRAGUE, CZECH REPUBLIC
FACULTY OF NUCLEAR SCIENCES AND PHYSICAL ENGINEERING	
Graduate Research Assistant	1995-1997

PUBLICATIONS

- Burnett, W. C., G. Wattayakorn, M. Taniguchi, H. Dulaiova, P. Sojisuporn, S. Rungsupa, T. Ishitobi, 2006. Groundwater derived nutrient inputs to the Upper Gulf of Thailand, *Continental Shelf Research*, in press.
- Taniguchi, M., W. C. Burnett, H. Dulaiova, F. Siringan, J. Foronda, G. Wattayakorn, S. Rungsupa, E. A. Kontar, and T. Ishitobi, 2006. Groundwater discharge as an important land-sea pathway into Manila Bay, Philippines, *Journal of Coastal Research*, in press.
- Dulaiova, H. and W. C. Burnett, 2006. Radon loss across the water-air interface (Gulf of Thailand) estimated experimentally from ^{222}Rn - ^{224}Ra , *Geophys. Res. Lett.*, 33, L05606, doi:10.1029/2005GL025023.
- Dulaiova, H., W. C. Burnett, G. Wattayakorn, and P. Sojisuporn, 2006. Are Groundwater Inputs into River-Dominated Areas Important? The Chao Phraya River – Gulf of Thailand, *Limnology & Oceanography*, 51(5), 2232-2247.
- Burnett, W. C. and H. Dulaiova, 2006. Radon as a Tracer of Submarine Groundwater Discharge into a Boat Basin in Donnalucata, Sicily, *Continental Shelf Research* 26(7), 862-873.
- Taniguchi, M., W. C. Burnett, H. Dulaiova, E. A. Kontar, P. P. Povinec, and W. S. Moore, 2006. Submarine groundwater discharge measured by seepage meters in sicilian coastal waters, *Continental Shelf Research* 26(7), 835-842.

- Dulaiova, H., W. C. Burnett, J. P. Chanton, W. S. Moore, H. J. Bokuniewicz, M. A. Charette, and E. Sholkovitz, 2006. Assessment of Submarine Groundwater Discharges into West Neck Bay, New York, via Natural Tracers, *Continental Shelf Research*, 26(16), 1971-1983.
- Povinec, P. P., P. K. Aggarwal, A. Aureli, W. C. Burnett, E. A. Kontar, K. M. Kulkarni, W. S. Moore, R. Rajar, M. Taniguchi, J.-F. Comanducci, G. Cusimano, H. Dulaiova, L. Gatto, M. Groening, S. Hausser, I. Levy-Palomo, B. Oregioni, Y. R. Ozorovich, A. M. G. Privitera, M. A. Schiavo, 2006. Characterisation of submarine groundwater discharge offshore south-eastern Sicily, *Journal of Environmental Radioactivity*, in press.
- Burnett, W. C., H. Dulaiova, C. Stringer, and R. Peterson, 2005. Submarine Groundwater Discharge: Its Measurement and Influence on the Coastal Zone, *Journal of Coastal Research Special Issue 39*, in press.
- Dulaiova, H., R. Peterson, W. C. Burnett, and D.-L. Smith, 2005. A Multi-Detector Continuous Monitor for Assessment of ^{222}Rn in the Coastal Ocean., *Journal of Radioanalytical and Nuclear Chemistry* 263 (2), 361-365
- Swarzenski, P., W. C. Burnett, C. Reich, H. Dulaiova, R. Peterson, and J. Meunier, 2004. Novel Geophysical and Geochemical Techniques Used to Study Submarine Groundwater Discharge in Biscayne Bay, Florida, *USGS Fact Sheet* 2004-3117
- Burnett, W. C., and H. Dulaiova, 2003. Estimating the Dynamics of Groundwater Input into the Coastal Zone via Continuous Radon-222 Measurements, *Journal of Environmental Radioactivity* 69 (1-2), 21-35
- Chanton, J. P., W. C. Burnett, H. Dulaiova, D. R. Corbett, and M. Taniguchi, 2003. Seepage Rate Variability in Florida Bay Driven by Atlantic Tidal Height, *Biogeochemistry* 66, 187-202
- Dulaiova, H. and W. C. Burnett, 2004. An Efficient Method for Gamma Spectrometric Determination of Radium-226, 228 via Manganese Fibers, *Limnology & Oceanography: Methods* 2, 256-261
- Lane-Smith, D. R., W. C. Burnett, and H. Dulaiova, 2002. Continuous Radon-222 Measurements in the Coastal Zone, *Sea Technology* October 2002, 37-45
- Kim, G., W. C. Burnett, H. Dulaiova, P. W. Swarzenski, and W. S. Moore 2001. Measurement of ^{224}Ra and ^{226}Ra Activities in Natural Waters Using a Radon-in-Air Monitor, *Environmental Science & Technology* 35, 4680-4683
- Dulaiova, H., G. Kim, W. C. Burnett and E. P. Horwitz, 2001. Separation and Analysis of Am and Pu from Large Soil and Sediment Samples, *Radioactivity & Radiochemistry* 12 (3), 4-15

AWARDS

- WHOI Postdoctoral Scholar Award recipient
- NOAA NERR Graduate Research Fellowship Award recipient
- AGU Student Travel Grant and IUGG Travel Grant recipient
- FSU Department of Oceanography Outstanding Graduate Student for the 2002-2003 Academic Year
- Florida State University - Czech Technical University exchange student with full tuition waiver
- Maray Sandor Foundation award for outstanding Hungarian nationality college students

PROFESSIONAL SOCIETY MEMBERSHIPS

- American Geophysical Union
- American Society of Limnology and Oceanography