

**Pamela Green**  
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### **PROFESSIONAL PREPARATION**

M.E. (Environmental Engineering) University of Florida (1992)  
B.S. (Zoology) University of Rhode Island (1988)

### **PROFESSIONAL EXPERIENCE**

2007 – Present      Information Technologist/Research Scientist (Water Systems Analysis Group,  
University of New Hampshire)  
2005 – 2007        Research Scientist (Applied Geosolutions)  
1998 – 2004        Research Scientist II (Water Systems Analysis Group, University of New Hampshire)  
1995 – 1998        Applications Developer/Senior Manager (Pacific Meridian Resources)  
1992 – 1995        Environmental Engineer (Law Engineering and Environmental Services, Inc.)

### **PUBLICATIONS – MOST CLOSELY RELATED**

- Syvitski, J.P.M, Vörösmarty, C.J., Kettner, A.J., Green, P.A. 2005. Impact of Humans on the Flux of Terrestrial Sediment to the Global Coastal Ocean. *Science* 15 April 2005:Vol. 308. no. 5720, pp. 376 - 380
- Green P.A., Vörösmarty, C.J., Meybeck, M., Galloway, J.N., Peterson, B.J., Boyer, E.W., 2004. Pre-Industrial and Contemporary Fluxes of Nitrogen through Rivers: A Global Assessment Based on Typology. *Biogeochemistry* 68:1 71-105.
- Galloway, J.N. , Dentener, F.J. ,Capone, D.G., Boyer, E.W., Howarth, R.W., Seitzinger, S.P., Asner, G.P., Cleveland, C., Green, P.A., Holland, E.B., Karl, D.M., Michaels, A.F., Porter, J.H., Townsend, A., and Vörösmarty, C.J., 2004. Nitrogen Cycles: Past, Present and Future. *Biogeochemistry*. In Press.
- Vörösmarty, C.J., Green, P.A., Douglas, E.M., Revenga, C., 2005. Geospatial Indicators of Emerging Water Stress: An Application to Africa. *Ambio*.
- Vörösmarty, C.J., Meybeck, M., Fekete, B., Sharma, K., Green, P., and Syvitski, J., 2003. Anthropogenic sediment retention: major global-scale impact from the population of registered impoundments. *Global and Planetary Change* 39: 169-190.
- Meybeck, M., Green, P., and Vörösmarty, C.J., 2001. A new typology for mountains and other relief classes: An application to global continental water resources and population distribution. *Mountain Research and Development* 21:1 34-45.
- Vörösmarty, C.J., Green, P., Salisbury, J., and Lammers, R., 2000. Global water resources: Vulnerability from climate change and population growth. *Science* 289: 284-288.

### **OTHER SELECTED PUBLICATIONS**

Montaigne, F., 2002. Population density and water stress data. In: Water Pressure, w/special fold-out supplement, "A Thirsty Planet," *National Geographic* 202: 2-25. Prepared maps, data and analysis for this publication.

Jehl, D., 2002. Distribution of world's water. In: In race to tap the Euphrates, the upper hand is upstream. *The New York Times* 52:221, August 25, 2002. Prepared maps, data and analysis for this publication.

### **SYNERGISTIC ACTIVITIES**

Have reviewed articles for journals *Agricultural Systems* and others.

### **RECENT COLLABORATIONS** (past 48 months)

Stuart Bonn (Griffith University, Australia), Peter Davies (Griffith University, Australia), Caroline Sullivan (Oxford University, England), Mark Levy (Columbia University, U.S.), Ellen Douglas (University of Massachusetts, U.S.).

### **GRADUATE ADVISORS**

Mark Brown, PhD, University of Florida - Advisor for ME degree in Environmental Engineering, 1992