

**Peter Wampler, PhD, RPG
Geology Department
Grand Valley State University
Allendale, MI 49401**

(616)331-2834 (office)
wamplerp@gvsu.edu

Padnos Hall 148
<http://faculty.gvsu.edu/wamplerp>

Education/Degrees:

PhD, Fluvial Geomorphology, Oregon State University, 2004.
M.S. Geology/Geography (geographic information systems), Oregon State University 1994.
B.S., Geology, Western Washington University, 1988.

Professional Appointments/Positions:

2000 - Registered Professional Geologist, #G1894, Board of Geologic Examiners, State of Oregon, 2000.
1988-1989 Field Geologist, Sovereign Gold Exploration, Reno, Nevada
1990-Geologist II, Zortman Mining Inc., Zortman, Montana
1990-1991 Teaching Assistant, Department of Geosciences, Oregon State University
1993-1998 Environmental Specialist II, Oregon Department of Geology and Mineral Industries
1995-2001 Instructor, Linn-Benton Community College (part-time)
1998-2000 Reclamationist, Oregon Department of Geology and Mineral Industries
2000-2001 Teaching Assistant, Department of Geosciences, Oregon State University
2003-2004 Instructor, Department of Geosciences, Oregon State University
2004-present Assistant Professor, Geology Department, Grand Valley State University
2010-present Associate Professor, Geology Department, Grand Valley State University

Membership in Professional Associations:

Registered Geologist in Oregon
Geologic Society of America
Michigan Academy of Science

Areas of expertise/interest:

Environmental geology, fluvial geomorphology and sediment transport, human impacts to river systems,
Geographic Information Systems (GIS) and Remote Sensing, water quality in Haiti, teaching with technology.

Courses Taught:

Geo100 - Environmental Geology; Geo105 - Living with the Great Lakes; Geo111 - Exploring the Earth;
Geo175 - Research Tools for Geoscientists; Geo300 - Geology and the Environment; Geo320 –
Geomorphology; Geo399 - Independent Geology Research; Geo425 - Geographic Information Systems (GIS)
applications in Geology; Geo485 - Geology Seminar; Geo499 - Independent Geology Research

Professional Activity:

- Wampler Peter J., Sisson, Andrew J., Rediske, Rick R., Molla, Azizur R. 2013. Water resources and sustainable water resource solutions for Haiti. In preparation for submission to Water Resources Research.
- Wampler, P., Rediske, R., Molla, Using ArcMap, Google Earth, and Global Positioning Systems to select and locate random households in rural Haiti, accepted for publication in the International Journal of Health Geographic, January 6, 2013.
- Sisson, Andrew J., Wampler Peter J., Rediske, Rick R., Molla, Azizur R. 2012. Field evaluation of Biosand filters installed for one to ten years in rural Haiti. In Press.
- Sisson, A. J., Wampler, P., Rediske, R., Molla, A. 2012, An assessment of long term Biosand filter use and sustainability in Haiti Journal of Water, Sanitation and Hygiene for Development. In Press.
- Wampler, P. J. 2011. Rivers and streams - water and sediment in motion. Nature Education Knowledge 3(10):18
- Wampler, P. J., 2011, Pick sanitation over vaccination in Haiti, Nature, 470 (7333): 175
- Wampler, P.J., and Sisson, A.J., 2010. Spring flow, bacterial contamination, and water resources in rural Haiti: Environmental Earth Sciences Journal,
- Wampler, Peter J. 2010. Safe and sustainable water for Haiti web site, www.gvsu.edu/haitiwater. Launched in October 2010.
- Wampler, Peter J. 2010. GVSU Stormwater Initiative web site, www.gvsu.edu/stormwater. Launched in February 2010.
- Wampler, P.J., and Dewitt, A., 2009, Seasonal substrate temperature anomalies at Sand Creek, Ottawa County, Michigan: GSA Annual Meeting in Portland, Oregon
- Burkholder, B.K., Grant, G.E., Haggerty, R., Khangaonkar, T., and Wampler, P.J., 2008, Influence of hyporheic flow and geomorphology on temperature of a large, gravel bed river, Clackamas River, Oregon, USA: Hydrological Processes, v. 22, p. 941-953.
- Wampler, P., Schnitzer, E.F., Cramer, D., and Lidstone, C., 2007, Meander cutoff into a gravel extraction pond, Clackamas River, Oregon: Society for Mining, Metallurgy, and Exploration, 2007 Transactions, v. 322, p. 65-77.
- Garwood, D.L., Schmidt, K.L., Kauffman, J.D., Stewart, D.E., Lewis, R.S., Othbert, K.L., and Wampler, P.J., 2007, Geologic map of the White Bird Quadrangle, Idaho County, Idaho: Idaho Geological Survey.
- Lewis, S., Wampler, P., Grant, G., Deibel, R., Schmidt, L., Furniss, M., and McCammon, B., 2004, The geomorphic response of rivers to dams: a short course in Furniss, M.J., and Guntle, J., eds., General Technical Report PNW-GTR-601: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station (CD-ROM).

Service to the Geology Department and University:

- Gibson Scholarship Selection Committee, 2012
- College of Liberal Arts and Sciences (CLAS) Personnel Committee, Fall 2012 – present)
- Academic Computing Advisory Committee, (Fall 2012 – present)
- Geographic Information System Committee, Committee Member, (2006 - Present)
- Ad-hoc Storm Water Advisory Group (SWAG), Committee Member (2007 - Present)
- Padnos Information Kiosk Content Manager, (2012-present)