



**Kristine  
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Volunteer  
Stream  
Monitoring  
Coordinator**

*Environmental  
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## Kristine Stepenuck

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For more information, visit these websites:

<http://watermonitoring.uwex.edu/index.html>

<http://watermonitoring.uwex.edu/wav/>

<http://www.usawaterquality.org/volunteer/>

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## Programming Areas

- Volunteer stream monitoring

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## Audience and Partners

- Department of Natural Resources, 'Friends of' groups, and other citizen-based environmental groups
- General public, counties, and schools
- River Alliance of WI
- Discovery Farms
- Nature centers

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## Team Membership

- Natural Resources – Water – General
- Natural Resources – Volunteer Monitoring

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## Educational Resources

### **Publications**

- Stepenuck, K.; Wolfson, L., Liukkonen, B., Iles, J., and Grant, T. 2011. Volunteer Monitoring of *E. coli* in Streams of the Upper Midwestern United States: A Comparison of Methods. *Environmental Monitoring and Assessment*. 174(1): 625-633.

- Stepenuck, K.F., Crunkilton, R.L., Bozek, M.A., and Wang, L. 2008. Comparison of macroinvertebrate-derived stream quality metrics between snag and riffle habitats. *Journal of the American Water Resources Association*. 44(3): 670-678.
- Overdeest, C., Huyck Orr, C., and Stepenuck, K. 2004. Volunteer Stream Monitoring and Local Participation in Natural Resource Issues. *Human Ecology Review* 11(2): 177-185.
- Herron, E. and Stepenuck, K. 2003. Cooperative Extension Volunteer Monitoring Partnerships. *The Volunteer Monitor*. 15(1): 18-20.
- Stepenuck, K.F., Crunkilton, R.L., and Wang, L. 2002. Impacts of urban land use on macroinvertebrate communities in southeastern Wisconsin streams. *Journal of the American Water Resources Association*. 38(4): 1041-1052.

### **Workshops, Wislines and Other Programs**

- See volunteer stream monitoring and other stream-related trainings upcoming events at:  
<http://watermonitoring.uwex.edu/wav/events.html>

### **Online Tools**

- Water Action Volunteers' Stream Monitoring database portal.  
<http://www.uwex.edu/erc/wavdb/>

### **Research and Outreach**

- National Institute of Food and Agriculture (NIFA) National Water Resource Project: Moving the Extension Volunteer Monitoring Network to the Next Level. 2008-2012.
- Volunteer Monitoring in Underserved Communities: Exploring Opportunities & Programs for Enhanced Watershed Management. Great Lakes Regional Water Program. 2010-2011.
- Teacher Training with BLM Riparian Zone Curriculum. Bureau of Land Management Youth Initiative Incentive Funding. 2010-2011.
- Building Capacity of *E. coli* Monitoring By Volunteers: A Multi-State Effort. 2003-2010.
- Wisconsin Department of Natural Resources' Partnership Program funding: A Pilot Project to Evaluate Citizen-Based Monitoring Groups' Ability to Use a Family-level Macroinvertebrate Index to Assess Stream Health. 2005-2006.
- Ira and Eneva Reilly Baldwin Wisconsin Idea Endowment grant: Water for Everyone. 2004-2006.
- Wisconsin's Comprehensive Wildlife Conservation Planning Grant: Who's Who in Citizen-based Monitoring in Wisconsin. 2005.