

SEAN J. BENNETT

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1. CONTACT INFORMATION

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2. EDUCATION

1993	Ph.D.	Geological Sciences, Binghamton University, State University of New York, Binghamton, NY
1988	M.A.	Geological Sciences, Binghamton University, State University of New York, Binghamton, NY
1985	B.S.	Geology with honors, Brooklyn College, City University of New York, Brooklyn, NY

3. RECENT EMPLOYMENT HISTORY

2014-present	Adjunct Professor, Department of Civil, Structural, and Environmental Engineering, University at Buffalo, State University of New York, Buffalo, NY 14261-0055
2008-present	Professor, Department of Geography, University at Buffalo, State University of New York, Buffalo, NY 14261-0055

4. RECENT PUBLICATIONS

1. Bennett, S.J., P. Ashmore, and C. McKenna Neuman, guest editors, forthcoming, "Laboratory Experiments in Geomorphology," *Geomorphology*.
2. Bennett, S.J., L.M. Gordon, V. Neroni, and R.R. Wells, accepted, Emergence, persistence, and organization of rill networks on a soil-mantled experimental landscape, *Natural Hazards*.
3. Bennett, S.J., P. Ashmore, and C. McKenna Neuman, in press, Transformative geomorphic research using laboratory experimentation, *Geomorphology*.
4. Goettel, M.T., J.F. Atkinson, and S.J. Bennett, in press, Behavior of western blacknose dace in a turbulence modified flow field, *Ecological Engineering*.
5. Tang, Q., Y. Xu, S.J. Bennett, and Y. Li, in press, Assessment of soil erosion using RUSLE and GIS: a case study of the Yangou watershed in the Loess Plateau, China, *Environmental Earth Sciences*.
6. Ghaneezad, S.M., J.F. Atkinson, and S.J. Bennett, in press, Response to: "Comment on: Effect of flow confinement on the hydrodynamics of circular impinging jets: implications for erosion assessment" by Spyros Beltaos, *Environmental Fluid Mechanics*.
7. Ghaneezad, S.M., J.F. Atkinson, and S.J. Bennett, in press, Effect of flow confinement on the hydrodynamics of circular impinging jets: Implications for erosion assessment, *Environmental Fluid Mechanics*.
8. Habberfield, M.W., S.S. Blersch, S.J. Bennett, and J.F. Atkinson, 2014, Rapid geomorphic and habitat stream assessment techniques inform restoration differently based on levels of stream disturbance, *Journal of the American Water Resources Association*, 50(4), 1051-1062, doi: 10.1111/jawr.12156.
9. Bennett, S.J., Y. Hou, and J.F. Atkinson, 2014, Turbulence suppression by suspended sediment within a geophysical flow, *Environmental Fluid Mechanics*, 14, 771-794, doi: 10.1007/s10652-013-9323-2.
10. Gallisdorfer, M.S., S.J. Bennett, J.F. Atkinson, S.M. Ghaneezad, A.P. Brooks, A. Simon, and E.J. Langendoen, 2014, Physical-scale model designs for engineered log jams in rivers, *Journal of Hydro-environment Research*, 8, 115-128.
11. Lewis, T., and S.J. Bennett, 2013, Environmental justice and the demographic threshold: Are benefits reaching communities at risk?, *Environmental Justice*, 6(6), 213-218.
12. Dunbar, J.A., P.M. Allen, P.D. Higley, and S.J. Bennett, 2013, Acoustic sub-bottom profiling surveys of flood control reservoirs, *Environmental & Engineering Geoscience*, 19, 135-148, doi:10.2113/gseegeosci.19.2.135.
13. Tang, Q., S.J. Bennett, Y. Xu, and Y. Li, 2013, Agricultural practices and sustainable livelihoods: Rural transformation within the Loess Plateau, China, *Applied Geography*, 41, 15-23.
14. Bronner, C.E., A.M. Bartlett, S.L. Whiteway, D.C. Lambert, S.J. Bennett, and A.J. Rabideau, 2013, An assessment of U.S. stream mitigation policy: Necessary changes to protect ecosystem functions and services, *Journal of the American Water Resources Association*, 49(2), 449-462, doi: 10.1111/jawr.12034.
15. Lewis, T., and S.J. Bennett, 2013, The juxtaposition and spatial disconnect of environmental justice declarations and actual risk: A new method and its application to New York State, *Applied Geography*, 39, 57-66.
16. Wells, R.R., H.G. Momm, J.R. Rigby, S.J. Bennett, R.L. Bingner, and S.M. Dabney, 2013, An empirical investigation of gully widening rates in upland concentrated flows, *Catena*, 101, 114-121.

17. Bennett, S.J., J.F. Atkinson, Y. Hou, and M.J. Fay, 2013, Turbulence modulation by suspended sediment in a zero mean-shear geophysical flow, in *Coherent Flow Structures at the Earth's Surface*, edited by J.G. Venditti, J. Best, M. Church, and R.J. Hardy, John Wiley & Sons, Chichester, pp. 309-321, doi: 10.1002/9781118527221.ch20.
18. McKenna Neuman C., P. Ashmore P., and S.J. Bennett, 2013, Laboratory and experimental geomorphology: Examples from fluvial and aeolian systems, in *Treatise on Geomorphology*, edited by J.F. Shroder, Vol. 1, pp. 325-348, Academic Press, San Diego.
19. Bennett, S.J., J.A. Dunbar, F.E. Rhoton, P.M. Allen, J.M. Bigham, G.R. Davidson, and D.G. Wren, 2013, Assessing sedimentation issues within aging flood-control reservoirs, in *The Challenges of Dam Removal and River Restoration*, edited by J.V. De Graff and J.E. Evans, Geological Society of America Reviews in Engineering Geology, v. XXI, pp. 25-44, doi:10.1130/2013.4021(03).

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5. RECENT UNIVERSITY SERVICE

Department of Geography, University at Buffalo

2014	Co-Director of Undergraduate Studies, Environmental Geosciences Program (Fall only)
2014-present	Executive Committee (elected)
2013-present	Tenure and Promotion Committee (appointed)
2013	Search Committee, Geographic Information Systems, Department of Geography (appointed)
2011	Chair, two (2) Junior Faculty Mentoring Committees (appointed)
2008-10	Executive Committee (elected; declined elected appointment in 2011)
2007-11	Director of Undergraduate Studies (elected; on sabbatical Fall 2009; reappointed 2010-11)

College of Arts and Sciences, University at Buffalo

2013	Search Committee, Director of the Interdisciplinary Degree Program (appointed)
2012-13	College of Arts and Sciences Strategic Planning: Faculty Affairs Committee (appointed)
2010	College of Arts and Sciences Dean's Advisory Committee on Program Evaluation (appointed)
2008-12	College of Arts and Sciences Appointments, Promotions and Tenure Committee (elected; reelected for second term 2011; stepped down in 2012 to serve on PRB)
2006-present	College of Arts and Sciences Awards and Recognition Committee (appointed)

University at Buffalo

2013-present	Member, Advisory Council, Sustainability Academy (invited)
2013	<i>Ad Hoc</i> Committee Panelist for submissions to the Major Research Instrumentation Program, National Science Foundation, Office of the Vice President for Research (appointed)
2012-present	President's Review Board on Appointments, Promotions and Tenure (PRB; appointed)
2011-present	Committee panelist, <i>David L. Boren Undergraduate Scholarship</i> (invited)
2011	<i>Ad Hoc</i> Committee Panelist for submissions to the Partnerships for International Research and Education (PIRE), National Science Foundation, Office of the Vice President for Research (appointed)

The State University of New York, Albany

2011-present	Evaluator, Faculty Diversity Program, Office of Diversity, Equity and Inclusion, State University of New York (appointed by Associate Provost and Associate Vice Chancellor)
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