
Prof. Rodney Stevens
University of Gothenburg, Sweden

Professional experience

Present position – Researcher (Professor emeritus), Univ. Gothenburg 2018-

Postdoctoral visits (Wallenberg Postdoctoral grant)

California Polytechnical University, San Luis Obispo	1988-1989
University of California, Santa Barbara, Calif.	1989

Earlier positions

Göteborg Univ. - University Professor	2003-2018
Göteborg Univ. - University Lecturer	1990-2003

Principal advisor for 10 PhD students

Lars-Ove Lång	1997	Laila Johannesson	2002
Avio Lepland	1998	Sirkku Holmberg	2003
Fredrik Klingberg	1998	Mario Mil-Homens	2006
Henrik Bengtsson	2000	Milda Kairyte	2008
Karin Brack	2000	Martin Persson	2014

Research work

Research communication, leadership and collaboration (relevant for this project)

Convener for conference workshops:

“Environmental Migration/Adaptation: Assessment Methods for Local and Regional Relationships”, SGEM Vienna Green Conference, Dec. 2018.

“Knowledge Exchange for Resource Management and International Trust”, SGEM Geoscience conference, Bulgaria, June 2017.

“Blended learning” kan kombinera utbildningsbehov för flyktingar och för lokalbefolkningen i deras hemländer”, Include Conference, Göteborg, Feb. 2016.

“Blended learning for international cooperation”, SGEM intern. Conf., Bulgaria June, 2015.

Initiator and instructor: “Qanat Summer School” (trial for Afghan migrants), 2018.

Scientific organizing committee for *Deltas in Africa*, Port Harcourt, Nigeria, 14-16 Oct., 2015.

Sub-project leader for Univ. Gothenburg in the EU Interreg project “Dipol” - Impact of Climate Change on the Quality of Urban and Coastal Waters – Diffuse Pollution (2009-12).

Research-driven student summer “Dipol” (see above) workshops, Göteborg 2010 & 2011.

Sub-project leader for IDEA, within the EU project URBAN II – a community outreach project using site remediation to increase science interest in pre-university classes (2002-2005).

Coordinator for EU project H-SENSE (1998-2000) (8 partners, 5 countries)

Host for 6 extended researcher visits (sabbatical and other research collaboration)

Senior editor for Oxford Univ. Press On-line encyclopaedia of Environmental Science (2014-current)

Steering committee member: Centre for Global Migration (2017-current)

Administrative board member for *Boreas* (2003-current)

Formas Evaluation Committee: “Museum and Sustainability” (2018)

Scientific advisory board member for *Baltica* (2002-2018)

Editor for *Environmental Geology* v. 43 Special Section (2003) on

“Harbours – Silting and Environmental Sedimentology”

Rodney L. Stevens **Recent article publications** (over 60 totally)

Stevens, R.L. in press: Silt problems in harbours. In Jefferson, I. (ed.): Problems with silt and siltation. Thomas Telford Publ., London.

Hernández Gomis, R., Stevens, R.L., Haidari, I., Laskaryee, A.H. & Mortazavi, S.A. 2018, Qanat groundwater infrastructures and sustainability in arid regions. 18th Int. Multidisciplinary Sci. GeoConferences SGEM2017, Hydrology and Water Resources, Vienna, 3-5 Dec. 2018, 399-406.

Stevens, R.L. 2018: Environmental migration/adaptation: assessment methods for local and regional relationships. 18th International Multidisciplinary Sci. GeoConferences SGEM2017, Hydrology and Water Resources, Vienna 3-5 December 2018, 283-290.

Stevens, R.L., Alkridi, M. & Kouro, M. 2017: Knowledge exchange for resource management and international trust (KERMIT) – Aleppo case-study example. 17th International Multidisciplinary Sci. GeoConferences SGEM2017, Bulgaria 27 June – 6 July 2017, 421-429.

Stevens, R.L. & Environmental Geology Course Participants 2017: Regional risk ranking for integrated land-sea resource management. 17th International Multidisciplinary Sci. GeoConferences SGEM2017, Bulgaria 27 June – 6 July 2017, 674-682.

Frogner-Krockum, P., Göransson, P., Åslund, H., Ländell, M., Stevens, R., Tengberg, A., Gunnel Göransson, Ohlsson, Y. 2016: Metal contaminant fluxes across the sediment water interface. *Marine Pollution Bulletin* 111, 321-329.

Johnston, M. & R.L. Stevens: 2015: A systematic approach to analyzing environmental issues involving complex systems (a web-based course). *Ecocycles* 1 (2): 46-50.

Kairytė, M., Stevens, R.L. 2015: Composite methodology for interpreting sediment transport pathways from spatial trends in grain size: A case study of the Lithuanian coast. *Sedimentology* 62, 681-696.

Stevens, R.L. 2015: Hazard and land management methods. 15th International Multidisciplinary Sci. GeoConferences SGEM2015, Bulgaria 18-24 June 2015, 661-668.

Stevens, R.L. 2015: The role of sediments relative to pollution problems. 15th International Multidisciplinary Scientific GeoConferences SGEM2015, Bulgaria 18-24 June 2015, 697-704.

Mil-Homens, M., Stevens, R.L., Cato, I., and Fátima, A. 2014: Comparing spatial and temporal changes in metal trends (Cr, Ni, Pb and Zn) on the Portuguese shelf since the 1970s. Environmental Monitoring and Assessment. Springer on-line publication, 31 May 2014.

Persson, M.A., Stevens, R.L. & Lemoine, Å. 2013: Spatial quick-clay predictions using multi-criteria evaluation in SW Sweden. *Landslides* 11, 263-279.

Lavers, A.C. & Stevens, R.L. 2012: Regional Relative Risk Ranking of Diffuse Pollution Sources in an Urban Environment, Gothenburg (Sweden). 12th International Multidisciplinary Scientific GeoConference SGEM, Bulgaria 17-23 June 2012, v. 5: 667-674.

Persson, M. & Stevens, R.L. 2012. Quick-clay formation and groundwater leaching trends in southwestern Sweden. In Eberhardt, E., Froese, C., Turner, A.K. and Leroueil, S. (eds.) Landslides and Engineered Slopes CRC Press. Taylor and Francis group, London, 615-620.

Stevens, R.L. 2012: Environmental assessment using quantitative provenance. 12th International Multidisciplinary Scientific GeoConference SGEM, Bulgaria 17-23 June 2012, v.1: 39-46.

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- Kairytė, M., Stevens, R.L.** 2009: Quantitative provenance of silt and clay within sandy deposits of the Lithuanian coastal zone (Baltic Sea). *Marine Geology* 257, 87-93.
- Mil-Homens, M., Branco, V., Vale, C., Stevens, R., Boer, W., Lebreiro, S., Cato, I., Abrantes, F.** 2008: Historical trends in Hg, Pb and Zn sedimentation in the central shelf area of Portugal. *Journal of Iberian Geology* 34, 287-298.
- Stevens, R.L.** 2008: Challenges for the geoscientists: an international perspective. *Proceedings of the Shropshire Geological Society* 13, 83-88.
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