
Curriculum Vitae – David Nilsson

Updated Jan 2015

Personal data

Name: David Nilsson
Birth date: 1968-07-23
Nationality: Swedish

1. Higher Education

Degrees obtained

2011 Ph D in History of Technology (Fil Dr), Royal Institute of Technology, Sweden.
2006 Licentiate degree (TeknLic), Royal Institute of Technology, Sweden.
1995 M. Sc. Environmental Engineering (Civ.Ing) Luleå University of Technology, Sweden.

Other university courses

2002 Economic history, Stockholm University, Sweden, 30 credits.
1994 NORDTEK scholarship, Denmark Technical University, one semester.
1990 Human Ecology, Gothenburg University, 30 credits.

2. Employment record

Sep 2009 – Present. Hydropolis Consulting and Research, Sweden. Independent Consultant. Adviser in development and management of long-term social and technological change processes. Key thematic areas: institutional development, environment and water management.

Jan 2013 – Present. Royal Institute of Technology, Sweden.

Researcher

Part-time position at the School for Architecture and the Built Environment, Division for History of Science, Technology and Environment. Research focus: international history of institutional development and the management of natural resources and the environment.

Jan 2007 – Aug 2009. Embassy of Sweden, Nairobi, Kenya.

First Secretary / Senior Programme Officer.

Deputy to the Director at the Regional Team for Environmental and Economic Development, Swedish International Development Co-operation Agency, SIDA.

May 2005 – June 2011. Royal Institute of Technology, Sweden.

Doctoral candidate, part-time.

Doctoral thesis (June 2011): "Pipes, Progress, and Poverty: Social and Technological Change in Urban Water Provision in Kenya and Uganda, 1895-2010".

Feb 2001 – Dec 2005. Swedish International Development Co-operation Agency, Sweden.

Environmental Adviser.

Environmental adviser and programme officer at the Department for Infrastructure and Economic Development (INEC), Urban Development Division.

May 1999 – July 2000. Hifab International, Zimbabwe.

Associate Expert.

SIDA-financed capacity building project in rural municipalities, under the Ministry of Transport and Ministry of Local Government.

Sep 1995 – Jan 2001. VBB VIAK, Sweden.

Consulting engineer.

Project manager and National co-ordinator for a corporate network of 30 specialists in ICT-tools for water resources and environmental management. Leave of absence May -99 to July -00.

3. Professional experience, selected assignments

Hydropolis Consulting and Research

Case study of Human Rights to Water and Sanitation in Burkina Faso (francophone). Client: SLU, Swedish University of Agriculture / Sida's Helpdesk on Environment and Climate Change. June 2014 – ongoing.

Strategic Advisory Group member in a study on Political Economy in Transboundary Water Management for the World Bank. Client: Stockholm International Water Institute. June 2014 – ongoing.

Development of a research programme on Mobility and Access in African Cities. Client: Volvo Research and Educational Foundations. July 2014 – ongoing.

Project leadership for 50-year anniversary on cooperation between Sweden and Kenya. Client: Embassy of Sweden, Kenya. May 2013 – July 2014.

Results and Risks in Transboundary Water Resources Management. Client. Stockholm International Water Institute. June 2013-Jan 2014.

Political Economy and Governance Analysis for Water Resources Management in Euphrates and Tigris Region. Client. Stockholm International Water Institute. September 2013- Nov 2013.

Strategic advisory services on water and sanitation. Client: Water Aid. Dec 2012- April 2013.

Member of Editorial team for web-chronicle on international WSS development "NewsStream". Client: Swedish Water House. Oct 2012 – Dec 2013.

Review of Sida's strategic guidelines in Water and Sanitation. Client: ORGUT / Sida helpdesk for Environment and Climate Change. June 2012- May 2013.

Adviser on Water Sector reforms in Kenya. Client: Embassy of Sweden, Nairobi. Oct 2011 – Feb 2013.

Strategic long-term review of the Future Urban Transport research programme. Client: Volvo Research and Educational Foundation, Sweden. Mar-Dec2012 .

Review of Civil Society Urban Development Programme, Kenya. Client: Embassy of Sweden, Nairobi. May-Oct 2012.

Business development in Water and Sanitation in Africa. Client: private sector organisation, Sweden. Feb-May 2012.

Socio-technical analysis of inequities in Nairobi's water supply. Client: Institut Francaise de Recherche en Afrique (IFRA), and UN-Habitat, Nairobi, Kenya. Jan-Feb 2012.

Business development in urban Water and Sanitation in Africa. Client: private sector organisation, Sweden. Oct-Nov 2011.

Review of the Centre for Sustainable Urban Development, a Columbia University collaboration project with University of Nairobi, Kenya. Client: Volvo Research and Educational Foundations. Jan 2010 – March 2010.

Development of a facility for non state actors in the natural resources sector in Kenya. Client: Embassy of Sweden, Nairobi. Nov 2009 to Sept 2010.

Royal Institute of Technology

Part of research team for the VR-funded project "Sweden and the origins of natural

resources colonialism". Jan 2013 - (ongoing).

Member of a commission to investigate enhanced water research at KTH. April 2014-Dec 2014.

Commissioned as short-time expert for UN Habitat, to produce a background paper for the Habitat Global Report on the state of water and sanitation in the world's cities. March-April 2014.

Teaching at KTH. Various under-graduate courses given by the School of Architecture and Built Environment, and School of Industrial Engineering and Management. 2010 -2012.

Coordination of an EU FP7 proposal for a collaborative research project between KTH and five other research organisations in Europe and Africa. 2010.

SIDA / Swedish Embassy in Nairobi

East African Community, Lake Victoria Partnership Fund. Responsible for the Swedish support to EAC/ Lake Victoria Basin Commission and dialogue with LVBC secretariat. 2007-2009.

Nile Basin Initiative and Nile Basin Trust Fund 2007-2009. In charge of Swedish contribution to the Nile Basin Trust Fund and the strategic dialogue with the Nile Secretariat in Entebbe, twelve other donors in the NBI and riparian states.

Swedish Government's strategy for support to regional cooperation in sub-Saharan Africa , 2008-2009. Member of and team representative on the strategy drafting committee.

Private sector participation in development co-operation ("Projektspaning"), with Swedish Trade Council. Co-ordinator for regional section. 2008-2009.

Programme manager and adviser in River basin management under the Nile Equatorial Lakes Subsidiary Action Programme, 2007-2009. Counterpart: Nile Basin Initiative (Kigali and Entebbe) and the World Bank.

Climate change coordinator for the REED Team, 2008-2009.

Lake Victoria region City Development Strategies. 2001-2009. Counterpart: UN Habitat and the managements of eight cities in Uganda, Tanzania and Kenya.

Pilot Project for Ecological Sanitation in Kampala, Uganda. 2001- 2005.
Counterpart: Kampala City Council

Developing a network organisation of local authorities around Lake Victoria. Counterpart:

Union of Baltic Cities and Lake Victoria Region Local Authorities Co-operation (LVRLAC).

Water for African Cities: regional programme for education of water consumers and capacity building of urban service providers in Africa. 2001- 2005. Counterpart: UN Habitat.

Water Utility Management and Un-Accounted for Water. 2001 – 2005. A regional programme for performance improvement of urban water and sanitation service providers in sub-Saharan Africa. Counterpart: Water Utility Partnership, Cote d'Ivoire

Sida's Water Supply and Sanitation Strategy. 2002-2003. Represented the Department in the working group for developing a new WSS-strategy for Sida.

Technical advice to Sida's other departments for water and environment-related projects in Bolivia, Nepal, Senegal, Morocco, Syria, Jordan (included reading documentation in French and Spanish)

Hifab International

Technical Assistance to Rural District Councils, Zimbabwe. Adviser on environmental issues and infrastructure development (i.a. water and roads) to the technical staff of 12 rural district councils throughout the country. May 1999 – July 2000.

VBB VIAK (SWECO)

Various consultancy assignments on water management, environmental hydraulics and flood mapping in Sweden, using numerical models and Geographic Information Systems. Aug 1995- Dec 2000.

4. Other professional merits

Publications (selected)

David Nilsson, *Measuring Results in Transboundary Water Management*, Swedish Water House Background Report/SIWI, Stockholm, 2014.

David Nilsson, "Hur Brännkyrka blev södra Stockholm: en historia om teknik" in *Brännkyrka 1913-2013*, Trafiknostalgiska förlaget, Stockholm, 2013.

David Nilsson, "Sweden-Norway at the Berlin Conference 1884-85. History, national identity-making and Sweden's relations with Africa", *Current African Issues* no.53, NAI, Uppsala, 2013.

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- David Nilsson, "Elections in Kenya: Fair game, wrong winner?" NAI Forum, Nordic Africa Institute, <http://www.naiforum.org/2013/03/elections-in-kenya/>
- Jenny Appelblad and David Nilsson, "From 'All for some' to 'Some for all'? A historical geography of pro-poor water provision in Kampala", *Journal of Eastern African Studies* 7:1, (February), 2013, pp 40-57.
- David Nilsson, "Prisoners of a paradigm? How donors in the water sector can learn from history" in Petri S. Juuti, Tapio S. Katko&Klaas Schwartz (eds) *Water Services Management and Governance: Past Lessons for a Sustainable Future*, IWA Publishing, London, (2013).
- David Nilsson, "Ljus och Kraft i de södra förstäderna." (Light and power in the Southern suburbs), *Ledungen*, (No 1/2012), March 2012. Stockholm, pp7-8.
- David Nilsson, *Pipes, Progress, and Poverty. Social and Technological Change in Urban Water Provision in Kenya and Uganda 1895-2010*, Doctoral Thesis in History of Technology, Royal Institute of Technology, Stockholm 2011.
- David Nilsson and Ezekiel Nyangeri Nyanchaga "East African Water Regimes: The Case of Kenya" in J W Dellapenna and J Gupta (eds) *The Evolution of the Law and Politics of Water*, Springer, 2009, pp 105-120.
- David Nilsson and Arne Kaijser "Discrimination by Default: The Post-Colonial Heritage of Urban Water Provision in East Africa" in J E Castro and L Heller (eds) *Water and Sanitation Services: Public Policy and Management*. Earthscan, London, 2009, pp 259-275.
- David Nilsson "Power sharing – a stumbling block for democracy in Africa?", Nordic Africa Institute, Policy and Analysis web-publication:
http://www.nai.uu.se/press/articles/power_sharing/
- David Nilsson and Ezekiel NyangeriNyanchaga "Pipes and politics: a century of change and continuity in Kenyan urban water supply", *Journal of Modern African studies*, 46:1, 2008, pp 133-158.
- David Nilsson, *Water for a few. A history of urban water and sanitation in East Africa*, Licentiate Thesis in History of Technology, Royal Institute of Technology, Stockholm 2006
- David Nilsson, "A heritage of un-sustainability? Reviewing the origin of the Large-Scale Water and Sanitation system in Kampala, Uganda", *Environment & Urbanization* 18:2, October 2006 pp 369-385.

David Nilsson, "The Evolution of Urban Water and Sanitation in East Africa from a public goods perspective" published in J W N Tempelhoff (ed), African Water Histories. Trans-disciplinary Discourses, Coral Publishers, Vanderbijlpark, South Africa 2005, pp 317-345.

Lectures and presentations (selected)

"The construction of crisis. A socio-technical perspective on water management in Nairobi". Presentation at NAI Workshop "Water systems and urbanization in Africa and beyond", Uppsala, Sweden, 1-2 March, 2012.

"Including the excluded: Institutional incentives for overcoming path dependencies of urban water supply in sub-Saharan Africa". Presentation at World Water Week, Stockholm, Sweden, August 2011.

"Can the water sector reforms make a difference? Lessons from a hundred years of water politics in Kenya". Presentation at British Institute of Eastern Africa, Nairobi, June 2011.

"Old Water, New Bottles. Managing socio-technical change; the case of Kenya's water sector". Presentation at Nordic Africa Days, Åbo, Finland, September 2010.

"A paradigm of pipes in a society of slums. Techno-political regime dynamics in Kenya's water sector". Paper presented at IWHA conference, Delft, Holland, June 2010.

"Natural Resources Management in an International Relations Perspective". Lecture at University of Nairobi, Department for International Relations, December 2009.

"Water in urban Africa - provision systems, time & space". Lecture at the Royal Institute of Technology, Sweden, Department of Urban Planning, September 2006.

5. Language skills

	Reading	Speaking	Writing
Swedish	(mother tongue)		
English	5	5	5
French	4	3	3
Spanish	1	1	1
Kiswahili	1	1	1