

Curriculum Vitae

Dick Magnusson

Born: 15 November, 1983

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Higher education

2008 Master of social science, Human Geography, Örebro University

2007 Bachelor of social science, Human Geography, Växjö University

Doctoral degree

2013, Technology and social change, “District Heating in a Liberalized Energy Market: A New Order? - Planning and Development in the Stockholm Region, 1978 – 2012”,

Supervisor Jenny Palm

Postdoctoral visits

Autumn 2014 - CKS – Centrum för kommunstrategiska studier, Linköpings universitet

Current employment

Junior lecturer, Department of Thematic Studies – Technology and Social Change, Linköping University, 150501-

Former employments

Post doc, Department of Thematic Studies – Technology and Social Change, Linköping University, 130425-150430

PhD Student, Department of Thematic Studies - Technology and Social Change, Linköping University, 080301-130424

Parental leave

160201-160831

Awards and particular assignments

Member of education board, Forskarskoland Energisystem, 2015-

Member of scientific board, Energy Systems Programme, 2009-2012

Member of programme council, Energy Systems Programme, 2011-2012

Guest researcher

1 month guest researcher at The Leibniz Institute for Regional Development and Structural Planning (IRS) in Erkner, Germany 120115-120215

Experience from communicating with stakeholders/users

Presentations (examples)

Presentation “Grassroots initiatives for small-scale energy production –Swedish and international examples”, Energy camp for young energy entrepreneurs, funded by SI, 161019

Presentation, "Questionnaire about decontamination project Valdemarsviken", general public Valdemarvik municipality, 140203

Presentation, "Research project – Decontamination project Valdemarsviken", steering committee, Valdemarvik municipality, 131206

Presentation, "Energy efficiency in dwellings", high school students Folkungaskolan, Linköping, 131105.

Presentation "From Interconnections to Unbundling – Regional District Heating in Stockholm", Värmek, Rimforsa 120531.

Presentation "From Interconnections to Unbundling – Regional District Heating in Stockholm", Swedish Energy Agency, Lunch seminar, 121211.

Presentation "District Heating in the Stockholm Region", Swedish District Heating Association, 120403.

Workshops (examples)

Linköping municipality, "Critical examination of Linköping CO2-neutral policy", municipal officials, 131001

Linköping municipality, stakeholder workshops in research project "Broadband expansion in rural areas, Linköping municipality", municipal officials, 140206 and 140226

Public debate/news articles (examples)

e.g. Dagens näringsliv – 130327, Norrköpings Tidningar - 140205 and 130410, Fjärrvärmetidningen – nr 4 2013, Energinyheter – 130227, Energimagasinet – nr 1 2012

Reviewer assignments

Reviewer for journals "Energy Policy", "Science & Technology Studies" "Energy Research and Social Science", 2011-2016

Teaching experience (examples)

In total approx. 1600 clock hours

PhD Courses: Perspective on Energy systems, lectures, seminars and project supervision, 2011-2014

Master level: Master Programme Science for Sustainable Development, LIU – courses - "Analytical Frameworks" and "Sustainable Resource Management" – lectures, seminars and GIS-laborations

Bachelor level: Geography – course "Spatial analysis" – Environmental Science Bachelor Programme, LIU – course Ecotoxicology and GIS – lecture and GIS-laborations

Supervision: master students in Master Programme Science for Sustainable Development, bachelor students in Master Programme Science for Sustainable Development and Environmental Science Bachelor Programme - course "Research skills" – course "History of Technology

Project grants

Centre for Municipality Studies (CKS), LIU

2013-2015: "Kommunala miljöprojekt– drivkraft för nöjdare medborgare? Exemplet Valdemarsviken" (Municipal environmental projects – a force for more satisfied citizens? The example of Valdemarsviken). Co-applicant with Jenny Palm (Department of Thematic Studies - Technology and Social Change, LIU)

and Victoria Wibeck (Centre for Climate Science and Policy Research, LIU),
400 000 SEK

Current research projects

- 2015-2018 “Mobilizing grassroots capacities for sustainable energy transitions: path improvement or path” - This Project is in cooperation with Radboud University Nijmegen (PI), the Netherlands and Aalborg University, Denmark. It is funded by JPI Climate.
- 2015-2019 “New networks of power” – co-supervisor of ph.d. student in project in the “Forskarskolan Energisystem” financed by the Swedish Energy Agency
- 2016-2019 ”Replicability Concept for Flexible Smart Grids (ReFlex)” – project financed by the Swedish Energy Agency via Era-NET Smart Grids Plus.

Former research projects

- 2013-2015 ”Municipal environmental projects – a force for more satisfied citizens? The example of Valdemarsviken”. Together with Jenny Palm (Department of Thematic Studies - Technology and Social Change, LIU) and Victoria Wibeck (Centre for Climate Science and Policy Research, LIU).
Financed by Centre for Municipality Studies (CKS), LIU
- 2013-2014 “Emerging selective self-interest trends in society”
Together with Leo Baas (Environmental Technology and Management, LIU) and Jenny Palm (Department of Thematic Studies - Technology and Social Change, LIU)
Financed by Tekniska Verken, Linköping
- 2013-2015 “Östra Valla testbed and demo area”
Together with Jenny Palm (Department of Thematic Studies - Technology and Social Change, LIU)
Financed by municipality of Linköping
- 2014-2015 “Broadband expansion to rural areas in municipality of Linköping”
Together with Brita Hermelin (Centre for Climate Science and Policy Research, LIU).
Financed by municipality of Linköping
- 2008-2013 Regional district heating in Stockholm, PhD project
Financed by Swedish Energy Agency through interdisciplinary PhD school Energy Systems Programme
- 2008-2009 Media reportings on district heating
Financed by Swedish District Heating Association

Publications

Dissertation

Magnusson, Dick (2013). District heating in a liberalized energy market: A new order? - Planning and development in the Stockholm region, 1978-2012. Diss., Linköpings Universitet.

Journal articles

Magnusson, Dick (2016). Who brings the heat?—From municipal to diversified ownership in the Swedish district heating market post-liberalization. *Energy Research & Social Science*, 22, 198-209.

Wallsten, B., Magnusson, D., Andersson, S., & Krook, J. (2015). The economic conditions for urban infrastructure mining: Using GIS to prospect hibernating copper stocks. *Resources, Conservation and Recycling*, 103, 85-97.

Magnusson, Dick (2012). Swedish district heating sector - A system in stagnation: Current and future trends in the district heating sector. *Energy Policy* volym 48, pp. 449-459.

Magnusson, Dick (2011) Between municipal and regional planning: The development of regional district heating systems in Stockholm, *Local Environment* 16 (4), pp 319-337.

Chapters in books

Magnusson, Dick & Palm, Jenny. (2011). Between natural monopoly and third party access—Swedish district heating market in transition. *Monopolies: theory, effectiveness and regulation*. Eds Karlsen, B and Pettyfer, M, New York: Nova Science Publishers, Inc., 2011, 1-33 s.

Reports

Magnusson, D. (2016). Att ta ansvar för gamla synder: en studie av medborgarattityder till Miljöprojekt Valdemarsviken. Rapport 2016:2. Linköpings universitet

Hermelin, B., & Magnusson, D. (2015). Effektstudie fibernät: Utbyggnad av fibernät på Linköpings landsbygd. Rapport Linköpings kommun.

Magnusson, D. (2015). Ägarförändringar på den svenska fjärrvärmemarknaden: en översikt över förvärv och avyttringar 1990-2014. Tema T-rapport 353. Linköpings universitet.

Magnusson, D. (2015). Måluppfyllelse, medborgarinflytande och social hållbarhet i stadsdelsutvecklingsprojekt: En forskningsöversikt. Tema T-rapport 352. Linköpings universitet.

Baas, L., Magnusson, D., Mejía-Dugand, S., & Pizano-Castillo, M. (2014). Emerging enlightened selective self-interest trends in society: Consequences for demand and supply of renewable energy. Rapport LIU-IEI-RR--14/00204—SE. Linköpings universitet.

Palm, J och Magnusson, D (2009), Medias rapportering om fjärrvärme – framställning och budskap nationellt och lokalt, *Svensk Fjärrvärme Fjärrsyn Rapport 2009:32*, Stockholm: Svensk fjärrvärme.

Djuric Ilic, D., Henriksson, M., Magnusson, D. (2009) Stockholms fjärrvärmenät idag och imorgon - en tvärvetenskaplig studie av ett regionalt energisystem. Arbetsnotat nr 44, Program Energisystem, Linköpings universitet.