

Curriculum Vitae – Jaan-Henrik Kain

Personal Data

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Affiliation

Chalmers Architecture, Chalmers University of Technology

Research Field

Understanding mechanisms that support or hinder sustainable urban development, by seeing cities and urban regions as constructed of interlinked urban structures (e.g. transport networks, telecommunications, urban greenery, housing) and where each structure, in itself, is made up of numerous and complex sociotechnical system (combinations of e.g. institutions, physical structures, regulation, nature and users). Within such a perspective, a key issue is a better understanding of complex multi-stakeholder design, planning and policy-making processes for an improved facilitation of such processes. More specifically, this calls for particular attention on a) management of multifaceted knowledge related to urban development, b) trans-disciplinary learning and production of knowledge, and c) power struggles that enters into such processes when many different stakeholders – with different interests and priorities – are involved in design, planning, policy-making and decision-making. Yet another issue is the linkages between the so-called Global North and Global South – not only in terms of distribution of resources and influence but also very much regarding how knowledge is produced that aims to support sustainable development.

Present employment

19/05/2016- ongoing Professor in Urban Transformation (bitr. prof.), Chalmers Architecture.

Previous academic employment

01/10/2010-18/05/2016 Assoc. Professor (docentjänst), Chalmers Architecture.

01/11/2008-30/09/2010 Senior Researcher, Chalmers Architecture

01/11/2004-31/10/2008 Assistant Professor, Chalmers Architecture.

14/06/2003-31/10/2004 Researcher, Chalmers Architecture

13/10/1997-13/06/2003 Doctoral candidate, Chalmers Architecture

Degrees and Education

10/06/2009 **Docent**, Urban Design and Planning

10/09/2007 Diploma of Higher Education, Chalmers University of Technology

13/06/2003 **PhD** in Architecture, Chalmers Architecture; Sociotechnical Knowledge: An Operationalised Approach to Localised Infrastructure Planning and Sustainable Urban Development, Supervisors Knut Strömberg & Björn Malbert

13/09/1989 **Master of Architecture**. Chalmers Architecture

Research projects and Grants (selection)

- 01/01/2017-31/12/2019 Gamification of sanitation planning: Exploring technical and societal readiness of alternative nutrient-recovery systems. Project participant, with SLU. (Formas)
- 01/12/2016-30/11/2019 Recycling networks. Grassroots resilience tackling climate, environmental and poverty challenges. Project participant, with University of Gothenburg, JOOUST (Kenya), Universidad Centroamericana de Nicaragua, University of Dar es Salaam, and University of Victoria. (Vetenskapsrådet, Formas, Sida)
- 01/01/2016-31/12/2019 Compact cities and informal settlements - Exploring qualities, drivers and strategies for promoting sustainable urban development. Project participant, with University of Gothenburg and JOOUST (Kenya). (Formas)
- 01/01/2014-31/12/2017 Compact Cities? - Exploring qualities, drivers and strategies for promoting mixed-use urban development. Main applicant and project leader. (Formas, 5 841 000SEK)
- 01/01/2014-31/12/2016 Improving basic urban services in informal settlements - Linking waste research in global South cities. SRL grant. Project participant in collaboration with University of Gothenburg, University of São Paulo and JOOUST (Kenya). (Uforsk/Vetenskapsrådet)
- 01/01/2014-30/09/2015 Combating poverty and building democracy through the co-production of participatory waste management services. The case of Kisumu, Kenya. Project participant, with University of Gothenburg and JOOUST (Kenya). (ICLD)
- 01/01/2014-30/09/2015 Hållbar förtätning (Sustainable densification). Applicant and project leader. (Adlerbertska 206 000SEK)
- 01/10/2013-30/06/2015 Balance 4P: Balancing decisions for urban brownfield regeneration – people, planet, profit and processes. Project participant, with BoM Chalmers, Stichting Deltares, TU Delft and VITO. (Snowman/Formas)
- 01/01/2010-30/09/2013 Mistra Urban Futures, Director of the UF Arena, Center management team at HQ, research leader. (Mistra)
- 01/01/2012-31/12/2014 Urban Biodiversity and Ecosystem Services (Urbes). WP6 leader: Land use change scenarios, strategies and transitions of urban landscapes. With e.g. SRC, Erasmus University and Humboldt University. (Formas/Biodiversa, 1 800 000SEK for WP6).
- 01/09/2011-30/08/2014 Urban Nexus. Project participant. Coordination and support action. (EU 7th Framework Programme)
- 01/01/2011-30/06/2014 SEVS2 Safe Efficient Vehicle Solutions. Project participant. (Vinnova/FFI)
- 01/01/2010-30/06/2013 Member of Sida funded Research Network: Sanitation and water supply in peri-urban areas in developing countries. (Sida)
- 01/01/2009-31/12/2009 One of three main authors of the successful application for the Mistra Centre for Sustainable Urban Futures in Gothenburg. Total anticipated funding 2010-2021 492 500 000SEK, whereof 198 500 000SEK from Mistra.
- 01/04/2007-30/06/2009 Knowledge, Learning and Power: A Gender and Power Perspective on Multi-stakeholder Dialogues for the Provision of Urban Water Services (Kenya). Project leader. (SidaSAREC)
- 01/07/2007-31/12/2009 Peri-urban water and sanitation in Accra, Ghana. Project participant. (Formas/SidaSAREC)
- 01/01/2007-31/12/2009 Strategic planning and the choosing of sustainable urban water systems. Project participant. (Mistra)
- 11/09/2003-15/03/2004 Designing, Implementing, and Measuring Sustainable Urban Development. Project participant. With e.g. ETH, Zurich, MIT, Boston and Witwatersrand University, Johannesburg. (AGS)

Awards and Scientific commissions

External evaluator for recruitment of faculty at Luleå University of Technology (Lecturer, 2012), NTNU (Associate Professor II, 2012), Aalto (Adjunct Professor, 2016) and NTNU (Professor, 2016).

20/01/2011 Evaluation committee Carina Weingaertner

16/04/2008 Invited reviewer, final workshop for the Sida Feasibility Study on Local Urban Knowledge Arenas.

01/12/2005-30/04/2006 Consultancy for UN-HABITAT, UN-HABITAT's strategic focus on Sustainable Urbanisation.

01/01/2005-31/06/2005 Consultancy for UN-HABITAT, design of a global network on Pro-poor Urban Land Tools.

Deputy member of the evaluation committee at public dissertations at Chalmers on two occasions.

PhD & Post Doc Supervision

01/01/2016-30/06/2017 Mentor for Post Doc Marco Adelfio

01/01/2015-ongoing Main supervisor for PhD student Hye Kyung Lim

01/11/2012-31/10/2013 Mentor for Post Doc Anna Kaczorowska

01/11/2012-30/04/2013 Mentor for Post Doc David Rodríguez Rodríguez

01/07/2012-ongoing Main supervisor for PhD student Sigrid Östlund

01/07/2012-09/06/2016 Co-supervisor for PhD student Anna Maria Orru. **Licentiate Dissertation** 09/06/2016.

03/09/2007-28/01/2011 Main supervisor for PhD student Jennifer McConville. **Dissertation** 28/01/2011.

Teaching and pedagogical leadership

01/08/2012 – ongoing Coordinator of the Sustainable Urban Transitions Nordic Master's programme.

01/01/2011 – 30/08/2012 Coordinator for the development of a Nordic Master in Sustainable Urban Transitions. Applied and received 1 000 000DKK funding from the Nordic Council.

01/01/2009 – ongoing Master course Design systems (7,5 ects), Chalmers Architecture, examiner

01/01/2008 – ongoing Project leader for international exchange of students and teachers with Kenya through the Linnaeus Palme program. Received funding so far 2 445 000SEK.

01/01/2008 – 31/12/2009 Coordinator of the Design for Sustainable Development Master's programme.

Communication with stakeholders/end users

Many of my research projects have contained elements of action-oriented case studies, where practitioners of planning and policy-making have been engaged in collaborative multi-stakeholder learning processes. Includes facilitation of workshops in Kisumu, Kenya (30 public officials, consultants, NGOs and researchers); Adenta, Accra, Ghana (12 public officials from the Adentan Municipal Assembly); the City of Södertälje (18 public officials and consultants); City of Gothenburg Recycling Board (28 participants); the City of Sundsvall (34 officials and politicians); and Bergsjön city district, Göteborg (6 participants).

Language skills

Swedish: Native; English: Excellent; Spanish: Good; Portuguese and French: Some

Publications, Jaan-Henrik Kain (selection)

| | JCR Impact Factor |
|---|-------------------------|
| <i>Peer-reviewed scientific articles</i> | |
| McConville, J., Rauch, S., Helgegren, I., Kain, J.-H. (2017). Using Role-playing Games to Broaden Engineering Education. <i>International Journal of Sustainability in Higher Education</i> . Accepted for publication. | 0.889 |
| Gutberlet, J., Kain, J.-H., Oloko, M., Zapata, P. & Zapata Campos, M.J. (2017). 'De organización comunitaria a emprendedor socio-ambiental. El caso de la recolección de residuos domiciliarios en asentamientos informales en Kisumu, Kenia' (From Community-Based Organizations to Socio-Environmental Entrepreneurs. Waste picker entrepreneurs in Kisumu's informal settlements). Accepted for publication in a special issue of the journal <i>Enfoque</i> , University UCA, Managua, Nicaragua. | – |
| Kain, J.-H., Nyakinya, B., Dickens, O., Odhiambo, N., Oloko, M., Omolo, J., Omondi, E., Otieno, S., Zapata, P., Zapata Campos, M.J. (2016). Translating Policies Into Informal Settlements' Practices: Reframing, Anchoring and Muddling Through. <i>Public Administration and Development</i> . 36: 330-346. http://dx.doi.org/10.1002/pad.1782 | 0.915 |
| Kaczorowska, A., Kain, J.-H., Kronenberg, J., Haase, D. (2016) 'Ecosystem services in urban land use planning: Integration challenges in complex urban settings - case of Stockholm'. <i>Ecosystem Services</i> . 22(Part A): 204-212. http://dx.doi.org/10.1016/j.ecoser.2015.04.006 | 4.307 |
| Gutberlet, J., Kain, J.-H., Nyakinya, B., Oloko, M., Zapata, P. & Zapata Campos, M.J. (2016). Bridging weak links of solid waste management in informal settlements. <i>Journal of Environment and Development</i> . Online First 0(0): 1-26. http://dx.doi.org/10.1177/1070496516672263 | 1.824 |
| Kremer, P., Hamstead, Z., Haase, D., McPhearson, T., Frantzeskaki, N., Andersson, E., Kabisch, N., Larondelle, N., Lorance Rall, E., Voigt, A., Baró, F., Bertram, C., Gómez-Baggethun, E., Hansen, R., Kaczorowska, A., Kain, J.-H., Kronenberg, J., Langemeyer, J., Pauleit, S., Rehdanz, K., Schewenius, M., van Ham, C., Wurster, D., Elmqvist, T. (2016). Key research-based insights for the future of urban ecosystem services research. <i>Ecology and Society</i> . 21(2): 29. http://dx.doi.org/10.5751/ES-08445-210229 | 2.774 |
| Lim, H.K., Kain, J.-H. (2016). 'Compact cities are complex, intense and diverse but: Can we design such emergent urban properties?' <i>Urban Planning</i> . 1(1): 95-113. http://dx.doi.org/10.17645/up.v1i1.535 | – |
| Kain, J.-H., Larondelle, N., Haase, D., Kaczorowska, A. (2016). 'Exploring local consequences of two land-use alternatives for the supply of urban ecosystem services in Stockholm year 2050'. <i>Ecological Indicators</i> . 70(November 2016): 615–629. http://dx.doi.org/10.1016/j.ecolind.2016.02.062 | 3.444 |
| Norrman, J., Volchko, Y., Hooimeijer, F., Maring, L., Kain, J.-H., Bardos, P., Broekx, S., Beames A., Rosén, L. (2016). 'Integration of the subsurface and the surface sectors for a more holistic approach for sustainable redevelopment of urban brownfields.' <i>Science of The Total Environment</i> . 563–564(1 September 2016): 879–889. http://dx.doi.org/10.1016/j.scitotenv.2016.02.097 | 4.099 |

- Gutberlet, J., Kain, J.-H., Nyakinya, B., Dickens, O., Odhiambo, N., Oloko, M., Omolo, J., Omondi, E., Otieno, S., Zapata, P., Zapata Campos, M.J., (2016). 'Socio-environmental entrepreneurship and the provision of critical services in informal settlements'. *Environment & Urbanization*. 28(1): 205-222. <http://dx.doi.org/10.1177/0956247815623772> 1.324
- Rodríguez-Rodríguez, D., Kain, J-H., Haase, D., Baró, F., Kaczorowska, A. (2015). 'Urban self-sufficiency through optimised ecosystem service demand. An utopian perspective from European cities'. *Futures*. 70(June 29015): 13-23. <http://dx.doi.org/10.1016/j.futures.2015.03.007> 1.012
- Hansen, R., Frantzeskaki, N., McPhearson, T., Rall, E., Kabisch, N., Kaczorowska, A., Kain, J-H., Artmann, M., Pauleit, S. (2015). 'The uptake of the ecosystem services concept in planning discourses of European and American cities'. *Ecosystem Services*. 12(April 2015): 228–246. <http://dx.doi.org/10.1016/j.ecoser.2014.11.013i> 4.307
- McConville, J., Kain, J-H., Kvarnström, E., Ulrich, L. (2014). 'Participation in sanitation planning in Burkina Faso: theory and practice'. *Journal of Water, Sanitation and Hygiene for Development*, 4(2): 304-312. <http://dx.doi.org/10.2166/washdev.2014.125> 0.439
- McConville, J., Kain, J-H., Kvarnström, E., Renman, G. (2011). 'Bridging sanitation engineering and planning: theory and practice in Burkina Faso'. *Journal of Water, Sanitation and Hygiene for Development*, 1 (3): 205–212. <http://dx.doi.org/10.2166/washdev.2011.042> 0.439
- Kain, Jaan-Henrik and Söderberg, Henriette (2008) 'Management of complex knowledge in planning for sustainable development: The use of multi-criteria decision aids'. *Environmental Impact Assessment Review* 28(1): 7-21. <http://dx.doi.org/10.1016/j.eiar.2007.03.007> 2.400
- Kain, Jaan-Henrik, Kärrman, Erik and Söderberg, Henriette (2007) 'Multi-criteria decision aids for sustainable water management'. *Engineering Sustainability* 160(2): 87-93. 0.768
- Söderberg, Henriette and Jaan-Henrik Kain (2006) 'Assessments of Sustainable Waste Management Alternatives: How to Support Complex Knowledge Management'. *Journal of Environmental Planning and Management*. 49(1): 21-39. 10.1080/09640560500372982 1.367

Peer-reviewed conference proceedings

- Frantzeskaki, N., Haase, D., Baro, F., Gomez-Baggethun, E., Artmann, M., Schewenius, M., Elmqvist, T., Kaczorowska, A., Kain, J-H., van Ham, C. (2013) 'Socio-ecological transitions of cities: Exploring spatial, ecological and governance dynamics in European cities'. *Arth International Conference on Sustainability Transitions*, 19-21 June 2013, Zurich, Switzerland. Reviewed proceedings.
- McConville, J., Jaan-Henrik Kain, J-H., Kvarnström, E., Ulrich, L. (2012). 'Participation in Sanitation Planning in Burkina Faso: Theory and Practice'. *IWA Young Water Professionals Conference*, 10-13 July 2012 Budapest, Hungary. Reviewed proceedings.
- McConville, Jennifer. R., Kain, Jaan-Henrik, Klutsé, Amah and Kvarnström, Elisabeth (2008). 'Perceptions of Local Sustainability in Planning Sanitation Projects in West Africa'. *The Sanitation Challenge Conference*. May 19-21, 2008, Wageningen.

Kain, Jaan-Henrik and Henriette Söderberg (2005). 'Management of Complex Knowledge in Planning for Sustainable Urban Development'. *International Conference for Integrating Urban Knowledge & Practice*, Göteborg, Sweden.

Malbert, Björn and Jaan-Henrik Kain (2004). 'Towards Sustainable Development in Johannesburg: Reflections on localisation and the institutional challenges involved'. Paper to the *DIMSUD Conference on Sustainability and Urban Growth in Developing Countries*. Oct 31 – Nov. 3, Monte Verità, Switzerland.

Söderberg, Henriette, Jaan-Henrik Kain, Helena Åberg, Denis Van Moeffaert and Erik Kärrman (2004). 'Evaluating NAIADe with respect to stakeholder participation: Case Studies of Sustainable Urban Water Management'. Presented at the *4th International Conference on Decision-Making in Urban & Civil Engineering*. Oct. 28-30 Porto, Portugal.

Söderberg, Henriette, Erik Kärrman, Jaan-Henrik Kain Van Moeffaert, Denis and Helena Åberg (2004). 'Participative Planning for Sustainable Urban Water Systems: What became the aim?' Presented at the *IEA World Water Congress and Exhibition*. Sept. 19-24 Marrakesh, Maroc.

Söderberg, Henriette and Jaan-Henrik Kain (2002). 'Integrating Knowledge or Aggregating Data – Multi-Criteria Approaches for Sustainable Water and Waste Systems'. Proceedings *3rd International Conference on Decision-Making in Urban and Civil Engineering*. London.

Other scientific publications, e.g., books, book chapters, reports

Polk, M., Kain J-H. (2015). 'Co-producing knowledge for sustainable urban futures'. In *Co-producing knowledge for sustainable cities: Joining forces for change*. M. Polk (Ed.). London, Routledge: 1-22.

Polk, M., Kain, J-H., Holmberg, J. (2013). 'Mistra Urban Futures: A living laboratory for Urban Transformations'. in König, A. (editor) *Regenerative sustainable development of universities and cities: The role of living laboratories*. Edward Elgar: Cheltenham.

Kain, J-H., Kaczorowska, A., (2013). *Urbes I Workshop Summary Report*. Department of Architecture/Mistra Urban Futures, Chalmers, Gothenburg.

Olofsdotter, B., Chang, H-W., Kain, J-H., Scurrrell, B. (2013). *Follow-up Report: Competing for Urban Land* (FP7 Coordination and Support Action).

Olofsdotter, B., Björnberg, K., Chang, H-W., Kain, J-H., Linn, E., Scurrrell, B. (2013). *Competing for Urban Land, Synthesis Report for Urban Nexus* (FP7 Coordination and Support Action).

Kain, J-H., Nolmark, H., Polk, M., Reuterswärd, L. (2011). *Mistra Urban Futures: Strategic Plan 2012-2015*. Göteborg : Chalmers University of Technology.

Wittgren, H.B., Norström, A., Kain, J-H., Arnell, M. (editors) (2011). *StratPlan VA: Strategiska val i VA-planering*. CIT Urban Water: Göteborg.

Berezecka-Figaz, M., Strid, M., Kain, J-H. (2011). *Hälsa och samhällsbyggnad i undervisningen på Chalmers arkitekturutbildningen*. Chalmers University of Technology, Gothenburg.

Kain, J-H. (2010). 'Multistakeholder Participation'. *Encyclopedia of Geography*. London: SAGE Publications: London.

McConville, J., Kain, J-H. and Kvarnström (2010). 'Perceptions of Local Sustainability in Planning Sanitation Projects in West Africa' in Vliet, B., Spaargaren, G. and Oosterveer, P. (Eds.) *Social Perspectives on the Sanitation Challenge*. Pp 105-125. Springer.

Norström, A., McConville, J. and Kain, J-H (2009) 'The complexity of water and sanitation provision in peri-urban areas in developing countries: the example of Adenta, Ghana'. *Vatten* 65, 237-245.

- Norström A., Kain J.-H. and McConville J. (2009) Workshop report: An approach to integrated planning of water and sanitation. 16 pp.
- Polk, M., B. Malbert and J-H. Kain (2009). *Mistra Urban Futures: The Göteborg Center of Excellence for Sustainable Urban Futures*. Göteborg: Chalmers University of Technology.
- Kain, Jaan-Henrik and Norström, Anna (2007) 'The Strategic Choice Approach: A Potential Framework for Sustainable Water and Sanitation Planning', in Norström, A., (Ed.), *Planning for Drinking Water and Sanitation in Peri-Urban Areas*, Swedish Water House Report 21. Stockholm International Water Institute, Stockholm.
- Kain, Jaan-Henrik (2007). *Problem-Solving in Unfamiliar Settings: Reflections on Setting Up a Design Studio for Integrating Practitioner, Master Student, PhD Student and Researcher Learning in Architecture*. Chalmers Architecture, thesis paper for Diploma of Higher Education, Göteborg.
- Malbert B., Kain, J-H (2006) *Towards a UN-HABITAT Strategic Framework on Sustainable Urbanisation*, Report to the Global Division, UN-HABITAT, Nairobi, Kenya, June 2006.
- Kain, Jaan-Henrik, Erik Kärrman and Henriette Söderberg (2006). 'Integration of complex knowledge'. in Malmqvist, Per-Arne et al. (Eds.) *Strategic Planning of Sustainable Urban Water Management*. IWA Publishing: London.
- Monica Billger, M., Christensson, P., d'Elia, S., Falkheden, L., Heijl, M., Kain, J-H., Olsson, K-G., Rehal, S. (2006). *Redovisning av 'Det goda samtalet om Arkitektur': Ett utvecklingsprojekt på Chalmers Arkitektur*, 31 oktober 2006. Chalmers Architecture.
- Strömberg, Knut and Jaan-Henrik Kain (2005). 'Communicative Learning, Democracy, and Effectiveness: Facilitating Private-Public Decision-making in Sweden.' In Friend, John and Allen Hickling, (Eds.). *Planning Under Pressure, 3rd Edition*. Oxford: Architectural Press, Elsevier.
- Stren, Richard, Edesio Fernandes, Jaan-Henrik Kain, Björn Malbert, Musabi Muteshi, Drew Wesley and Jill Wigle, (2005). *Design of a Global Network to Develop Pro-Poor Land Tools*. Final Report to Land and Tenure Section, Shelter Branch, Global Division, UN-HABITAT, Nairobi, Kenya. June 2005.
- Kain, Jaan-Henrik, Erik Kärrman, Henriette Söderberg, Denis Van Moeffaert and Helena Åberg (2005). *Integrerat beslutsstöd för uthålliga VA-system: Fallstudier inom MIKA-projektet i Surahammar och Södertälje kommun (Integrated Decision Support for Sustainable Urban Water Systems: Mika project Case studies in the Municipalities of Surahammar and Södertälje)*. Urban Water Report 2005:13. Göteborg: Chalmers University of Technology.
- Söderberg, Henriette, Jaan-Henrik Kain, Denis Van Moeffaert, Karin Reinosdotter and Maria Viklander (2005). *Snöhantering i Sundsvall: Multikriteria-analys för hållbar utveckling (Snow Management in Sundsvall: Multi Criteria Analysis for Sustainable Development)*. 2005:6. Luleå: Luleå Tekniska Universitet.
- Lundberg, Tommy, Henriette Söderberg and Jaan-Henrik Kain (2005). *Erfarenheter av boendemedverkan kring VA-lösningar i planeringsprocessen*. Stockholm: Regionplane- och trafikkontoret.
- Iurah, Daniel K., Björn Malbert, Pål Castell, Jaan-Henrik Kain, Branko I. Cavric and Aloyse C. Mosha (2004). 'Challenges for Sustainable Urban Development'. In Keiner, Marco, (Ed.). *Designing, Implementing and Measuring Sustainable Urban Development in Developing Countries*. Dordrecht: Kluwer Academic Publishers.
- Malbert, Björn, Lisbeth Birgersson, Lena Falkheden, Jaan-Henrik Kain, Elisabet Lundgren Alm, Knut Strömberg and Henriette Söderberg (2004). *Stadens hållbara utveckling och urbana strukturer: En syntes av ett forskningsprogram (Sustainable Urban Development and Urban Structures: Synthesis of a Research Programme)*. Dept. of Built Environment and Sustainable Development, Göteborg: Chalmers University of Technology.

Kain, Jaan-Henrik (2003). 'A Process-oriented Approach to Infrastructural Change'. In Söderberg, Henriette and Erik Kärrman, (Eds.). *Methodologies for Integration of Knowledge Areas: The Case of Sustainable Urban Water Management*. Dept. of Built Environment and Sustainable Development, Göteborg: Chalmers University of Technology.

Kain, Jaan-Henrik (2003). 'Sustainable Development and Infrastructural Change'. In Söderberg, Henriette and Erik Kärrman, (Eds.). *Methodologies for Integration of Knowledge Areas: The Case of Sustainable Urban Water Management*. Dept. of Built Environment and Sustainable Development, Göteborg: Chalmers University of Technology.

Kain, Jaan-Henrik (2003). *Sociotechnical Knowledge: An Operationalised Approach to Localised Infrastructure Planning and Sustainable Urban Development*. Dissertation at the Dept. of Built Environment and Sustainable Development. Göteborg: Chalmers University of Technology.

Kain, Jaan-Henrik (2003). *On Planning, Design, Decision-making and Implementation of Measures for Sustainable Urban Development (Working Paper)*. Göteborg: Unpublished material within the AGS framework, Dept. of Built Environment and Sustainable Development, Göteborg: Chalmers University of Technology.

Kain, Jaan-Henrik and Henriette Söderberg (2002). *LOKOMOTIV – Motiv för lokalt organiserade kretslopp i Bergsjön: En studie om avfallshantering (LOCOMOTIVE – Motives for Locally Organised Cycles in Bergsjön: A Study on Waste Management)*. Dept. of Built Environment and Sustainable Development, Göteborg: Chalmers University of Technology.

Kain, Jaan-Henrik (2000). *Urban Support Systems: Social and Technical, Socio-Technical or Sociotechnical?* Dept. of Built Environment and Sustainable Development, Göteborg: Chalmers University of Technology.

Kain, Jaan-Henrik (1999). 'Den hållbara staden: Ett nätverk av urbana gränssnitt mellan ekologiska, ekonomiska och sociala aspekter' (The Sustainable City: A Network of Urban Interfaces Between Ecological, Economic and Social Aspects). in *Det nya stadslandskapet: Texter om kultur, arkitektur, planering (The New Urban Landscape: Texts on Culture, Architecture, Planning)*. Wetterberg, Ola, (Ed.). Dept. of Urban Design and Planning, Göteborg: Chalmers University of Technology: 135-156.

Kain, Jaan-Henrik (1999). *The Sustainable City: Integrated Urban Sociotechnical Systems – Review of the Literature*. Byggforskningsrådets forskarseminarium: Den uthålliga staden som livsmiljö, Stockholm, Byggforskningsrådet.

Other publications (popular science)

Kain, J.-H. (2015). The URBES Project Policy Brief #4: Stockholm - The city of green and blue wedges. Chalmers University of Technology.

McConville, J., Kain, J.-H. (2014). Innovative Planning Approaches, in: McConville, J., Wittgren, H.B. (Eds.), *Peri-Urban Sanitation and Water Service Provision: Challenges and opportunities for developing countries* Stockholm Environment Institute, Stockholm, pp. 20-23.

Kain, Jaan-Henrik and Henriette Söderberg (2004). 'Verktyg för hållbar utveckling: Fallstudie Bergsjön (Tools for Sustainable Development: Case Study Bergsjön)'. *Miljöforskning*: 34-35.

Kain, Jaan-Henrik and Henriette Söderberg (2002). *LOKOMOTIV – Motiv för lokalt organiserade kretslopp i Bergsjön: En studie om avfallshantering – Sammanfattning (LOCOMOTIVE – Motives for Locally Organised Cycles in Bergsjön: A Study on Waste Management – Summary)*. Dept. of Built Environment and Sustainable Development, Göteborg: Chalmers University of Technology.