

Johanna Sörensen
Division of Water Resources Engineering
LTH Profile Area: Water



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Research

Johanna Sörensen's research focus is **Urban Hydrology**, with special interest in **Blue-Green Infrastructure** (BGI, a.k.a. Sustainable Urban Drainage Systems, SUDS). In general, I want to better understand how blue-green infrastructure affects the hydrological cycle. My core research questions regard:

Rainfall-runoff response in urban areas, with special focus on

The relation between extreme rainfall (in combination with high sea level) and pluvial flooding

Infiltration for different urban land uses

Blue-green infrastructure for different urban morphologies/land uses

Response to climate change

Besides urban hydrology, Johanna Sörensen also studies the **socio-technical transition** from a pipe-bound sewer regime to sustainable stormwater management. My core research questions here regard:

Interdisciplinary physical planning of blue-green infrastructure in a densely built environment

Climate change adaptation of urban areas

Data management and documentation systems for blue-green infrastructure

With an extensive knowledge on hydrology, suitability, and management of BGI, it is possible to guide the implementation of these structures efficiently.

Qualifications

Water Resources Engineering, PhD, Urban, pluvial flooding: Blue-green infrastructure as a strategy for resilience, Division of Water Resources Engineering

2012 Sept 3 → 2018 Sept 14

Award Date: 2018 Sept 14

Environmental engineering, M.Sc. in Engineering, Faculty of Engineering, LTH

2003 Aug 22 → 2008 Jan 1

Award Date: 2008 Jan 1

Research outputs

Future projections of wet and dry spells in southern Sweden: The impact of climate model resolution

An, D., Olsson, J., Du, Y., Sörensen, J., Uvo, C. B. & Berg, P., 2026 Jan, In: Atmospheric Research. 330, 108547.

Development and application of a hybrid artificial neural network model for simulating future stream flows in catchments with limited in situ observed data

Mugume, S. N., Murungi, J., Nyenje, P. M., Sempewo, J. I., Okedi, J. & Sörensen, J., 2024 Aug, In: Journal of Hydroinformatics. 26, 8, p. 1944-1969 26 p.

Hydrometeorological drought analysis through Two-variate Standardized Index for the Paraná River Basin, Brazil

Cuartas, L. A., Fujita, T., Andrade Campos, J., Uvo, C. B., Nikraves, G., Olsson, J., Sörensen, J., Marengo, J. A., Amore, D., Broedel, E. & Peixoto, J., 2024 Aug, In: Journal of Hydrology: Regional Studies. 54, 101886.

Decision Support Indicators (DSIs) and their role in hydrological planning

Sörensen, J. L., Eisner, S., Olsson, J., Beldring, S., Carvalho, V. S. B., Elenius, M., Fragoso, C. R., Hansen, A., Hegdahl, T. J., Silva, B. C., Reboita, M. S., Riondet-Costa, D. R. T., Pons, N. A. D. & Uvo, C. B., 2024 Jul, In: Environmental Science and Policy. 157, 103768.

Barriers to integrating sustainable stormwater management in urban environments in Sweden

Sörensen, J. & Hanson, H., 2024 Jun 9.

Evaluation of ANN model for pipe status assessment in drinking water management

Sörensen, J., Nilsson, E., Nilsson, D., Gröndahl, E., Rehn, D. & Giertz, T., 2024 May 1, In: Water Supply. 24, 5, p. 1985-1998 14 p.

Can Blue-Green Infrastructure enhance resilience in urban drainage systems during failure conditions?

Mugume, S. N., Kibibi, H., Sörensen, J. & Butler, D., 2024 Feb 1, In: Water Science and Technology. 89, 4, p. 915-944 30 p.

Application-based evaluation of multi-basin hydrological models

Du, Y., Olsson, J., Isberg, K., Strömquist, J., Hundecha, Y., Silva, B. C. D., Rafee, S. A. A., Fragoso, C. R., Beldring, S., Hansen, A., Uvo, C. B. & Sörensen, J., 2024, In: Journal of Hydrology. 641, 131727.

Forskare: "Kalla det inte för '100-årsregn' – det tonar ned riskerna"

Larsson, R. & Sörensen, J., 2023 Oct 31, In: Ny teknik.

Panta Rhei benchmark dataset: Socio-hydrological data of paired events of floods and droughts

Kreibich, H., Schröter, K., Di Baldassarre, G., Van Loon, A. F., Mazzoleni, M., Abeshu, G. W., Agafonova, S., Aghakouchak, A., Aksoy, H., Alvarez-Garreton, C., Aznar, B., Balkhi, L., Barendrecht, M. H., Biancamaria, S., Bos-Burgering, L., Bradley, C., Budiyo, Y., Buytaert, W., Capewell, L. & Carlson, H. & 71 others, Cavus, Y., Couasnon, A., Coxon, G., Daliakopoulos, I., De Ruyter, M. C., Delus, C., Erfurt, M., Esposito, G., François, D., Frappart, F., Freer, J., Frolova, N., Gain, A. K., Grillakis, M., Grima, J. O., Guzmán, D. A., Huning, L. S., Ionita, M., Kharlamov, M., Khoi, D. N., Kieboom, N., Kireeva, M., Koutroulis, A., Lavado-Casimiro, W., Li, H. Y., Llasat, M. C., Macdonald, D., Mård, J., Mathew-Richards, H., Mckenzie, A., Mejia, A., Mendiondo, E. M., Mens, M., Mobini, S., Mohor, G. S., Nagavciuc, V., Ngo-Duc, T., Nguyen, H. T. T., Nhi, P. T. T., Petrucci, O., Quan, N. H., Quintana-Seguí, P., Razavi, S., Ridolfi, E., Riegel, J., Sadik, M. S., Sairam, N., Savelli, E., Sazonov, A., Sharma, S., Sörensen, J., Souza, F. A. A., Stahl, K., Steinhausen, M., Stoelzle, M., Szalińska, W., Tang, Q., Tian, F., Tokarczyk, T., Tovar, C., Tran, T. V. T., Van Huijgevoort, M. H. J., Van Vliet, M. T. H., Vorogushyn, S., Wagener, T., Wang, Y., Wendt, D. E., Wickham, E., Yang, L., Zambrano-Bigiarini, M. & Ward, P. J., 2023 May 16, In: Earth System Science Data. 15, 5, p. 2009-2023 15 p.

Hydrologic-hydraulic assessment of SUDS control capacity using different modeling approaches: a case study in Bogotá, Colombia

Ortega Sandoval, A. D., Sörensen, J., Rodríguez, J. P. & Bharati, L., 2023, In: Water Science and Technology. 87, 12, p. 3124-3145 22 p.

Trends in soil frost formation in a warming maritime climate and the impacts on urban flood risk

Zaqout, T., Andradóttir, H. Ó. & Sörensen, J., 2022 Dec 15, In: Journal of Hydrology. 617, 15 p., 128978.

De unga gör helt rätt när de stämmer staten

Moberg, C., Corvellec, H., Lindroth, A., Isacson, M., Nilsson, L., Nicholas, K., Björck, S., Lee, J., Gerle, E., Caretta, M. A., Galafassi, D., Hornborg, A., Ullström, S., Olsson, L., Jerneck, A., Koch, M., Roldin, P., Sunesson, S., Kritzbeg, E. & Hammarlund, D. & 186 others, Wamsler, C., Krause, T., Tyler, T., Malmqvist, E., Osberg, G., Reindl, K., Lefstad, L., Björnerås, C., De Rosa, S. P., Koglin, T., Bjeremo, T., Isaxon, C., Isgren, E., Richter, J. L., Johansson, E., Jarenmark, M., Friberg, J., Wårlind, D., Jack, T., Holmberg, K., Bergman Rosamond, A., Vogl, V., Olofsson, J., Magalhaes Teixeira, B., Palm, E., Algers, J., Gjerløv Fiig, N. A., Ramasar, V., Lopez de Lapuente Portilla, A., Khan, J., Palm, J., Haraldsson, J., Barmark, M., Stroh, E., Filipsson, H. L., Sernhed, K., Wengelin, M., Bauer, F., Persson, T., Brandstedt, E., Mccormick, K., Carton, W., Stattin, S., Gren, N., Nikoleris, A., Wickenberg, P., Garson, K., Zackari, K., Droste, N., Gunnemyr, M., Hansson, L.-A., Lantz, E., Sternudd, C., Ekström, H., Jonsson, A., Dahlner, A., Sörgärde, N., Alcer, D., Rennstam, J., Gabrielsson, S., Ottosson, M., Eklundh, L., Andersson, M., Schwarz, J., Tilsted, J. P., Kiss, B., Halldenius, L., Knaggård, Å., Persson, A., Kolte, O., Lindh, L., Chertkovskaya, E., Hultman, M., Thånell, K., Manners, I., Kristensson, A., Nieradzic,

L., Lundberg, A., Cronberg, N., Rydhe, E., Klemmensen, R., Herlitz, A., Perrey, H., Pugh, R., Björkdahl, A., Lundberg, T., Mårzell, E., Samper, J. A., Sandström, I., Ståhl, L.-H., Prentice, H. C., Carlson, S., Andréasson, P.-G., Liljas, A., Zalar, A., Fridlund, P., Sporre, M., Löndahl, J., Björling, F., Kalm, S., Barinaga, E., Mulinari, S., Mulinari, D., Lindqvist, A., Vestberg, S., Claréus, B., Boije af Gennäs Erre, E., Viborg, G., Nilsson, K., Tagesson, A., Brogaard, S., Davidsson, P., Harrie, L., Elvén Eriksson, H., Hickmann, T., Fauré, E., Wullenkord, M., Giertz, A., Germundsson, T., Nilsson, F. L., Montesino, N., Sjöström, C., Pettersson, G., Alkan Olsson, J., Cardeña, E., Mottaghi, M., Sundkvist, E., Tellhed, U., Mundaca, L., Lindström, L., Sörensen, J., Mobini, S., Hederström, V., Becker, P., Klysing, A., Mattisson, K., Svensson, J., Svenbro, M., Hanson, H., Oudin, A., Flanagan, E., Takman, M., Ritthammer, S., Månefjord, J., Sonander, A., Nafstad, I., Sjöström, P., Dietler, D., Hassel, H., Käll, J., Akselsson, R., Bohgard, M., Ingvarson, J., Steen, K., Cedergren, A., Nordbeck, P., Davidsson, S., Angelöw, A., Ahrné, S., Lantto, R., Psouni, E., Nicoson, C., Jeppsson, B., Côte, M., Alvesson, M., Leo Sandberg, E., Möllergren, G., Karlsson, D., Bäckman, J., Angelopoulos Baroutsis, N., Alenius Wallin, L., Lundell, E., Stedt, J., Forsberg, K., Gnewski, M., Larsson, M., Grillitsch, M., Takedomi Karlsson, M., Månefjord, H., Giese, L., Betsholtz, A., Wrisberg, A., Söderlind, M., Vilhelmsson, A., Stedt, K. & et al., 2022 Dec 7, Aftonbladet.

Natural hazard insurance outcomes at national, regional and local scales: A comparison between Sweden and Portugal
Leal, M., Hudson, P., Mobini, S., Sörensen, J., Madeira, P. M., Tesselaar, M. & Zêzere, J. L., 2022 Nov 15, In: Journal of Environmental Management. 322, 116079.

The challenge of unprecedented floods and droughts in risk management
Kreibich, H., Mobini, S., Sörensen, J. & Panta Rhei, 2022 Aug 4, In: Nature. 608, 7921, p. 80-86

Data Management Framework for Climate Change Adaptation with Blue-Green Infrastructure
Sörensen, J., Persson, A. S. & Alkan Olsson, J., 2022 May 17.

Management of urban floods based on tolerable consequences in an uncertain future
Haghighatafshar, S., Becker, P., Moddemeyer, S., Persson, A., Sörensen, J., Aspegren, H. & Jönsson, K., 2022, *Proceedings of the 39th IAHR World Congress (Granada, 2022)*. The International Association for Hydro-Environment Engineering and Research (IAHR), p. 6955-6963 19 p.

Panta Rhei benchmark dataset: socio-hydrological data of paired events of floods and droughts
Panta Rhei, 2022

Sanning och konsekvens för svenska vattenledningar
Sörensen, J., Nilsson, E., Bjarke, M., Giertz, T. & Nilsson, D., 2021 Dec 2, In: Vatten: tidskrift för vattenvård /Journal of Water Management and research. 77, 4, p. 253-268

A data management framework for strategic urban planning using blue-green infrastructure
Sörensen, J., Persson, A. S. & Alkan Olsson, J., 2021 Dec 1, In: Journal of Environmental Management. 299, 10 p., 113658.

An Analysis of (Sub-)Hourly Rainfall in Convection-Permitting Climate Simulations Over Southern Sweden From a User's Perspective
Olsson, J., Du, Y., An, D., Uvo, C. B., Sörensen, J., Toivonen, E., Belušić, D. & Dobler, A., 2021 Jul 2, In: Frontiers in Earth Science. 9, 681312.

Basement floods in Augustenborg and Malmö
Sörensen, J., 2021 Jun 1, *The Eco-City Augustenborg: Experiences and lessons learned*. Månsson, M. & Persson, B. (eds.). Malmö: Malmö Municipality, Malmö, Sweden, p. 214-215 2 p. (Arkus).

ANN in decision support for strategic planning of water network management
Sörensen, J., 2021 May 28, p. 1. 1 p.

Local model development: Deliverable 4.3 in project Model-based Global Assessment of Hydrological Pressure (GlobalHydroPressure)
Olsson, J., Sörensen, J., Elenius, M., Silva, B., Fragoso Jr., C. R., Li, H. & Beldring, S., 2021 Apr 30, Water JPI. 38 p.

Gröna tak, dagvatten och hållbarhet – Augustenborg som forskningsarena

Sörensen, J. & Emilsson, T., 2020 Dec, *Ekostaden Augustenborg: Erfarenheter och lärdomar*. Månsson, M. & Persson, B. (eds.). 1 ed. Malmö: Malmö Municipality, Malmö, Sweden, p. 162-171 (Arkus; no. 78).

Källaröversvämningar i Augustenborg och Malmö

Sörensen, J., 2020 Dec, *Ekostaden Augustenborg: Erfarenheter och lärdomar*. Månsson, M. & Persson, B. (eds.). Malmö: Malmö Municipality, Malmö, Sweden, p. 214-215 (Arkus; no. 78).

Paradigm shift in engineering of pluvial floods: From historical recurrence intervals to risk-based design for an uncertain future

Haghighatafshar, S., Becker, P., Moddemeyer, S., Persson, A., Sörensen, J., Aspegren, H. & Jönsson, K., 2020 Jun 6, In: *Sustainable Cities and Society*. 61, 102317.

Green roofs, stormwater and sustainability: Augustenborg as a research site

Sörensen, J. & Emilsson, T., 2020 Jun 1, *The Eco-City Augustenborg: Experiences and lessons learned*. Månsson, M. & Persson, B. (eds.). 1 ed. Malmö Municipality, Malmö, Sweden, p. 162-171 10 p. (Arkus).

Synthesis report on stakeholder and end-user needs: Deliverable 2.1 in project Model-based Global Assessment of Hydrological Pressure (GlobalHydroPressure)

Beldring, S., Eisner, S., Sörensen, J., Olsson, J., Silva, B., Fragoso Jr., C. R. & Li, H., 2020 May 18, *Water JPI*. 73 p.

Nature-based solutions in an urban perspective

Sörensen, J., 2019 Sept 4.

Which types of rainfall cause urban flooding

Sörensen, J., 2019 Jun 13, p. 40-41. 2 p.

Pluviala översvämningar i stort och smått

Sörensen, J., 2019 Mar 22, In: *Vatten: tidskrift för vattenvård /Journal of Water Management and research*. 74, 4, p. 207-220 14 p.

Evaluating Flood Risk Reduction by Urban Blue-Green Infrastructure Using Insurance Data

Sörensen, J. & Emilsson, T., 2019 Feb, In: *Journal of Water Resources Planning and Management*. 145, 2, 11 p.

Assessment of barriers and drivers for implementation of blue-green solutions in Swedish municipalities

Wihlborg, M., Sörensen, J. & Alkan Olsson, J., 2019 Jan, In: *Journal of Environmental Management*. 233, p. 706-718 13 p.

Drivers of changing urban flood risk: A framework for action

Berndtsson, R., Becker, P., Persson, A., Aspegren, H., Haghighatafshar, S., Jönsson, K., Larsson, R., Mobini, S., Mottaghi, M., Nilsson, J., Nordström, J., Pilesjö, P., Scholz, M., Sternudd, C., Sörensen, J. & Tussupova, K., 2019, In: *Journal of Environmental Management*. 240, March, p. 47-56 10 p.

Tendenser och trender i tidskriften Vattens artiklar under 75 år

Persson, M., Hallin, C., Larson, M., Larsson, R., Persson, K. M. & Sörensen, J., 2019, In: *Vatten: tidskrift för vattenvård /Journal of Water Management and research*. 75, 1, p. 7-22

Urban infiltration in cold climate

Zaout, T., Ólöf Andradóttir, H. & Sörensen, J., 2019.

Utvärdering av icke-förstörande mätmetoder för lokalisering av skador på rörledningar i mark: Rapportering av projektet Pipe Status

Sörensen, J. & Penttinen, O., 2019, Vinnova. 14 p.

Urban, pluvial flooding: Blue-green infrastructure as a strategy for resilience

Sörensen, J., 2018 Aug 6, Lund: Faculty of Engineering (LTH), Lund University. 176 p.

Pluvial, urban flood mechanisms and characteristics – Assessment based on insurance claims

Sörensen, J. & Mobini, S., 2017 Dec 1, In: Journal of Hydrology. 555, p. 51-67 17 p.

Recent advancements in the treatment and management of urban stormwater

Sörensen, J., Larsson, R., Aljaradin, M. & Persson, K. M., 2017 Jun 13. 1 p.

Framework for city planning including nature-based solutions (NBS)

Alkan Olsson, J., Sörensen, J. & Persson, A. S., 2017 Apr, p. 17904.

Insurance data as way to evaluate the performance of a sustainable urban drainage system (SUDS) in Augustenborg, Malmö

Sörensen, J. & Emilsson, T., 2017 Apr.

The link between land use and flood risk assessment in urban areas

Sörensen, J. & Kalantari, Z., 2017 Apr, p. 5348.

Klimatanpassning mot urbana översvämningar genom transprofessionell samverkan

Sörensen, J., Johansson, A., Nordgren, M., Sternudd, C. & Persson, M., 2016 Nov 25, In: Vatten: tidskrift för vattenvård /Journal of Water Management and research. 72, 3, p. 177-185 9 p.

Kostnads-nyttanalyt av införandet av hållbar dagvattenhantering som riskreducerande åtgärd mot översvämning: med fokus på monetär värdering av ekosystemtjänster

Read, K. E., Karras, M., Sörensen, J. & Cedergren, A., 2016 Nov 25, In: Vatten: tidskrift för vattenvård /Journal of Water Management and research. 72, 3, p. 159-168 10 p.

Re-thinking urban flood management – time for a regime shift

Sörensen, J., Persson, A., Sternudd, C., Aspegren, H., Nilsson, J., Nordström, J., Jönsson, K., MOTTAGHI, M., Becker, P., Pilesjö, P., Larsson, R., Berndtsson, R. & Mobini, S., 2016 Aug 4, In: Water. 8, 8, 15 p., 332.

Open LID stormwater system tested during severe flood event

Sörensen, J., 2016 Jun 26, p. 1-4. 4 p.

Quantifying Low Impact Development Measures in Water Resources Management: A Case Study

Zhang, L., Sörensen, J., Yu, H., Li, J. & Persson, K. M., 2016 Jun 26, *2016 International Low Impact Development Conference China 2016*. Beijing, China

Blå-gröna lösningars effektivitet – Erfarenheter från Augustenborg, Malmö

Haghighatafshar, S., Sörensen, J. & Roldin, M., 2016.

Importance and Challenges of Sharing Experiences among an International and Interdisciplinary Group of Doctoral Students Introduction

Kurki, V., Sörensen, J., Sidaraviciute, R., Kibocha, S. N., Retike, I., Ikobe, G., Tichonovas, M., Elijosiute, E. & Rajala, R., 2015, In: *Ympäristöhistoria Finnish Journal of Environmental History*. 5, 1, p. 45-51 7 p.

Interdisciplinary Water Research Network Building within Nordic and Baltic Countries

Sörensen, J., Kurki, V., Sidaraviciute, R., Kibocha, S. N., Retike, I., Ikobe, G., Tichonovas, M., Elijosiute, E. & Rajala, R., 2015, In: *Vatten: tidskrift för vattenvård /Journal of Water Management and research*. 71, 2, p. 79-83 5 p.

Combined effects of high water level and precipitation on flooding of Gothenburg, Sweden
Sörensen, J. & Bengtsson, L., 2014. 8 p.

Comparative Analysis of Flooding in Gothenburg, Sweden and Mumbai, India: A Review
Sörensen, J. & Rana, A., 2013. 9 p.

Activities

VA-teknik Södra - VAt'S up!? 2025

Jönsson, K. (Chair), Skar Olsen, H. (Member of programme committee), Hall, A. (Invited speaker), Högstrand, S. (Invited speaker), Habagil, M. (Invited speaker), Fritz, I. (Invited speaker), Cimbritz, M. (Invited speaker), Gustavsson, D. J. I. (Invited speaker), Lipnizki, F. (Invited speaker) & Sörensen, J. (Invited speaker)
2025 Nov 6

Water and Sustainability

Palacio, A. (Keynote/plenary speaker) & Sörensen, J. (Host)
2025 Oct 15

VA-teknik Södra - Idédagar 2025

Jönsson, K. (Organiser), Skar Olsen, H. (Member of programme committee), Aspegren, H. (Contributor), Sörensen, J. (Contributor), Högstrand, S. (Contributor), Hall, A. (Contributor) & Gustavsson, D. J. I. (Member of programme committee)
2025 Sept 9 → 2025 Sept 10

Klimatanpassning & ansvar

Sörensen, J. (Presenter)
2025 Apr 11

P1 Ekot: Arbetet mot översvämningar sågas – husägare får omöjlig uppgift

Sörensen, J. (Role not specified)
2025 Mar 5

P1 Ekot: Forskare: Svenska städer blir mer sårbara för översvämningar

Sörensen, J. (Role not specified)
2024 Oct 31

P4 Malmöhus: Experten: Kommunerna är dåligt förberedda på oväder

Sörensen, J. (Role not specified)
2024 Oct 31

TV4 Efter fem - om översvämning i Valencia

Sörensen, J. (Role not specified)
2024 Oct 31

Almedalen 2024: Hög tid att rusta mot översvämningar – vem gör vad och hur?

Sörensen, J. (Contributor), Kling, J. (Contributor), Pettersson, L. (Contributor), Prah, K. (Contributor), Wingfors, H. (Contributor), Pierce, L. (Presenter) & Sellergren, J. (Organiser)
2024 Jun 26

Almedalsveckan 2024

Sörensen, J. (Keynote/plenary speaker)
2024 Jun 26

Barriers to integrating sustainable stormwater management in urban environments in Sweden

Sörensen, J. (Presenter)
2024 Jun 11

P1 Vetenskapsradion: Tokyos tunnlar mot översvämningar räcker inte längre

Sörensen, J. (Interviewee)
2024 Jun 9

Research collaborations on Blue-Green Infrastructure in Rwanda & Uganda

Sörensen, J. (Host), Nilsson, E. (Host), Mugume, S. N. (Host), Leonce Murebwayire, M. (Host) & Wali, U. G. (Host)
2024 Jun 5

Blue-Green Infrastructure: Barriers and Opportunities in Kampala

Mugume, S. N. (Organiser), Leonce Murebwayire, M. (Organiser), Wali, U. G. (Organiser), Sörensen, J. (Organiser) & Nilsson, E. (Organiser)
2024 Mar 13

Blue-Green Infrastructure: Barriers and Opportunities in Kigali

Wali, U. G. (Organiser), Leonce Murebwayire, M. (Organiser), Mugume, S. N. (Organiser), Sörensen, J. (Organiser) & Nilsson, E. (Organiser)
2024 Mar 7

Vatten: tidskrift för vattenvård /Journal of Water Management and research (Journal)

Sörensen, J. (Editor)
2024 Mar → ...

Urban Arena Interview Sessions: Johanna Sörensen

Sörensen, J. (Interviewee)
2023 Dec

Föredrag: Översvämningar och extremväder - vad kan vi göra?

Sörensen, J. (Invited speaker)
2023 Oct 3

Global Conversations on Sustainable Health - Climate Change and Health: Mitigating the Effects of Extreme Weather

Sörensen, J. (Member of panel)
2023 Sept 5

P1 Studio Ett: Stora problem i reningsverk och VA-nät vid kraftiga regn

Sörensen, J. (Interviewee)
2023 Aug 11

Grand seminar: The recent IPCC report, extreme weather events and implications for society.

Nikoleris, L. (Organiser), Madjidian, J. (Organiser), Dänhardt, J. (Organiser), Nicholas, K. (Chair), Rummukainen, M. (Keynote/plenary speaker), Chen, D. (Keynote/plenary speaker), Kljun, N. (Invited speaker), Clough, Y. (Invited speaker), Sörensen, J. (Invited speaker), Becker, P. (Invited speaker) & Sterner, T. (Invited speaker)
2021 Sept 16

Martin Bjarke

Persson, K. M. (First/primary/lead supervisor), Sörensen, J. (Joint second supervisor), Larson, M. (Joint second supervisor) & Alkan Olsson, J. (Joint second supervisor)
2020 Aug 1 → ...

Supervision of PhD student in the Cold Climate SuDS project

Sörensen, J. (Second supervisor) & Andradóttir, H. (First/primary/lead supervisor)
2018 Sept 1 → 2022 Oct 1

Imperial College London

Sörensen, J. (Role not specified)

2015 Nov 2 → 2015 Nov 15

Prizes and Distinctions

The New Generation prize by The Swedish Association for Water

Sörensen, J. (Recipient), 2018 Mar 14

Projects

Facilitating early adoption of Blue-Green Infrastructure for urban water system adaptation in Eastern Africa

Nilsson, E. (Researcher), Sörensen, J. (Researcher), Mugume, S. N. (Researcher), Wali, U. G. (Researcher) & Leonce Murebwayire, M. (Researcher)

2024/01/01 → 2024/12/31

Green is Gold

Sörensen, J. (Researcher) & Alkan Olsson, J. (Researcher)

2019/03/01 → 2019/09/01

GlobalHydroPressure: Model-based Global Assessment of Hydrological Pressure

Uvo, C. B. (Researcher), Hashemi, H. (Researcher), Sörensen, J. (Researcher) & Olsson, J. (Researcher)

2019/03/01 → 2022/07/30

RörANN – a smart artificial neural network model for minimizing leakages in water distribution systems

Sörensen, J. (PI) & Nilsson, E. (Researcher)

2019/07/01 → 2021/07/01

StormMan – A synthesis of governance structures and policy instruments to overcome economic, environmental and social implementation challenges moving toward sustainable stormwater management

Sörensen, J. (PI), Hanson, H. (Researcher), Alkan Olsson, J. (Researcher) & Berndtsson, R. (Researcher)

Swedish Environmental Protection Agency

2023/03/01 → 2025/05/31

Sustainable urban drainage in cold climate

Andradóttir, H. (PI), Sörensen, J. (Researcher) & Zaqout, T. (Research student)

2018/10/01 → 2022/10/01

Sustainable Urban Flood Management

Berndtsson, R. (PI), Larsson, R. (Researcher), Sörensen, J. (Research student), Mobini, S. (Research student), Scholz, M. (Researcher), Jönsson, K. (Researcher), Mottaghi, M. (Research student), Aspegren, H. (Researcher), Haghghatafshar, S. (Research student), Becker, P. (Researcher), Sternudd, C. (Researcher), Nordström, J. (Researcher), Nilsson, J. (Researcher), Pilesjö, P. (Researcher) & Persson, A. (Researcher)

2015/10/01 → 2018/09/30

Urban Arena

Karvonen, A. (PI), Dahl, P.-J. (Researcher), Sveningsson, H. (Project communication officer), Sandström, I. (Researcher), Neij, L. (Researcher), Mukhtar-Landgren, D. (Researcher), Pries, J. (Researcher), Paulsson, A. (Researcher), Alkan Olsson, J. (Researcher), Oudin, A. (Researcher), Knutagård, M. (Researcher), Koglin, T. (Researcher), Sörensen, J. (Researcher), Mattisson, K. (Researcher), Thidell, Å. (Researcher), Ståhl, A. (Researcher), Sotasakis, A. (Researcher), Elgh, A. (Researcher), Lund Hansen, A. (Researcher), Wretstrand, A. (Researcher), Varhelyi, A. (Researcher), Norman, A. (Researcher), Wierzbicka, A. (Researcher), Åkerman, A. (Researcher), Ekberg, A. (Researcher), Petersson, A. (Researcher), Wahlöö, A. (Researcher), Persson, A. (Researcher), Thomasson, A. (Researcher), Linden, A.-L. (Researcher), Landin, A. (Researcher), Knaggård, Å. (Researcher), Ness, B. (Researcher), Holmberg, B. (Researcher), Eriksen, B. (Researcher), Kiss, B. (Researcher), Nordquist, B. (Researcher), Badersten, B. (Researcher), Magnusson Staaf, B. (Researcher), Wickenberg, B. (Researcher), Dalhammar, C. (Researcher), Martinez, C. (Researcher), Sternudd, C. (Researcher), Fredriksson, C. (Researcher), Rydälv, C. (Researcher), Malmgren, C. (Researcher), Malmström, C. (Researcher), Larsson, C. (Researcher), Wamsler, C. (Researcher), Uvo, C. B. (Researcher), Mukhtar-Landgren, D.

(Researcher), Andréen, D. (Researcher), Koca, D. (Researcher), Johansson, D. (Researcher), Brink, E. (Researcher), Malmqvist, E. (Researcher), Pedersen, E. (Researcher), Dalholm Hornyánszky, E. (Researcher), Högdahl, E. (Researcher), Kjellsson, E. (Researcher), Boyd, E. (Researcher), Clark, E. (Researcher), Serrano, E. (Researcher), Nilsson, F. (Researcher), Kopsch, F. (Researcher), Hallberg Skátar, F. (Researcher), Paulsson, G. (Researcher), Sandin, G. (Researcher), Magnusson, H. (Researcher), Bagge, H. (Researcher), Hanson, H. (Researcher), Hanson, H. (Researcher), Busch, H. (Researcher), Hassel, H. (Researcher), Pålsson, H. (Researcher), Smith, H. (Researcher), Davidsson, H. (Researcher), Smith, H. (Researcher), Corvellec, H. (Researcher), Sandström, I. (Researcher), Pålsson Skarin, I. (Researcher), Arroyo, I. (Researcher), Khan, J. (Researcher), Ryan, J. (Researcher), Palm, J. (Researcher), Arfvidsson, J. (Researcher), Richter, J. (Researcher), Rahm, J. (Researcher), Martinsson, J. (Researcher), Sörensen, J. (Researcher), Alkan Olsson, J. (Researcher), Åstrand, J. (Researcher), Kanters, J. (Researcher), Lundquist, K.-J. (Researcher), Salomonsson, K. (Researcher), Steen, K. (Researcher), Hennig, V. K. R. (Researcher), Molina-Besch, K. (Researcher), Persson, K. M. (Researcher), Sernhed, K. (Researcher), Barup, K. (Researcher), McCormick, K. (Researcher), Maini Gerhardsson, K. (Researcher), Mattisson, K. (Researcher), Foroughanfar, L. (Researcher), Bengtsson, L. (Researcher), Wadsö, L. (Researcher), Harrie, L. (Researcher), Jönsson, L.-E. (Researcher), Ståhl, L.-H. (Researcher), Liuke, L. (Researcher), Fünfschilling, L. (Researcher), Eskilsson, L. (Researcher), Winslott Hiselius, L. (Researcher), Neij, L. (Researcher), Röjnert, L. (Researcher), Lundmark, L. (Researcher), Eklund, L. (Researcher), Enochsson, L. (Researcher), Persson, M. (Researcher), Holst-Ekström, M. (Researcher), Johansson, M. (Researcher), Rasmussen, M. (Researcher), Wall, M. (Researcher), Esaiasson, M. (Researcher), Dubois, M.-C. (Researcher), Grillitsch, M. (Researcher), Dahlblom, M. (Researcher), Hultman, M. (Researcher), Kärrholm, M. (Researcher), Klintman, M. (Researcher), Molnar, M. (Researcher), Mottaghi, M. (Researcher), Baruti, M. M. (Researcher), Yahia, M. W. (Researcher), Bocken, N. (Researcher), Egan, N. (Researcher), Mont, O. (Researcher), Mattisson, O. (Researcher), Thufvesson, O. (Researcher), Kolte, O. (Researcher), Samuelsson, O. (Researcher), Blomqvist, O. (Researcher), Christensson, O. (Researcher), Larsson Ivanov, O. (Researcher), Strandberg, P. (Researcher), Prieto de La Fuente, P. (Researcher), Hjorth, P. (Researcher), Arnfalk, P. (Researcher), Bengtsen, P. (Researcher), Sjöström, P. (Researcher), Olsson, P. (Researcher), Persson, P. (Researcher), Wallentén, P. (Researcher), Saagi, R. (Researcher), Bernardo, R. (Researcher), Hildingsson, R. (Researcher), Larsson, R. (Researcher), Berndtsson, R. (Researcher), Alrabadi, S. (Researcher), Hyler, S. (Researcher), Kopljar, S. (Researcher), Sandin Lompar, S. (Researcher), Olander, S. (Researcher), Wandel, S. (Researcher), Curtis, S. (Researcher), Dahlgard-Park, S. M. (Researcher), Lindhqvist, T. (Researcher), Laike, T. (Researcher), Germundsson, T. (Researcher), Hellström, T. (Researcher), Tägil, T. (Researcher), Jeppsson, U. (Researcher), Ramberg, U. (Researcher), Chudnikova, V. (Researcher), Shoaib, W. M. (Researcher), Voytenko Palgan, Y. (Researcher), Miranda, P. (Researcher), Chu, A. C. (Researcher), Brinck, I. (Researcher), Shabb, K. (Researcher), Wahlund, M. (Researcher), Reindl, K. (Researcher), Macgregor, F. (Researcher), Libertson, F. (Researcher), Johansen, K. (Researcher), Litsmark, A. (Researcher) & Lysholm, E. (Researcher)

2022/03/03 → ...

Urban flooding in a changing climate

Sörensen, J. (PI)

2012/09/03 → 2018/12/31