

## Published papers and book chapters

Dagmar Haase | Land use scientist | Urban ecologist

### Metrics

	All	Since 2017
Citations	24002	18461
h-index	77	70
i10-index	208	185

### Scientific paper ISI listed

2022

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1. Hansen, Rieke, Marleen Buizer, Arjen Buijs, Stephan Pauleit, Thomas Mattijssen, Hanna Fors, Alexander van der Jagt, Nadja Kabisch, Mandy Cook, Tim Delshammar, Thomas B. Randrup, Sabrina Erlwein, Kati Vierikko, Hanna Nieminen, Johannes Langemeyer, Camille Soson Texereau, Ana Catarina Luz, Mojca Nastran, Anton Stahl Olafsson, Maja Steen Møller, Dagmar Haase, Werner Rolf, Bianca Ambrose-Oji, Cristina Branquinho, Gilles Havik, Jakub Kronenberg & Cecil Konijnendijk. 2022. Transformative or piecemeal? Changes in green space planning and governance in eleven European cities, *European Planning Studies*, <https://doi.org/10.1080/09654313.2022.2139594>.
2. Pop, Mihai Ioan, Simona Grădinaru; Viorel D. Popescu; Dagmar Haase; Cristian I. Iojă. 2022. Emergency-line calls as an indicator to assess human-wildlife interaction in urban areas. *Ecosphere*. In press.
3. Andersson, E., D. Haase, J. Kronenberg, J. Langemeyer, A. Mascarenhas, M. Wolff and T. Elmqvist. 2022. Based on nature, enabled by social-ecological-technological context: deriving benefit from urban green and blue infrastructure. *Ecology and Society* 27(4):18. <https://doi.org/10.5751/ES-13580-270418>.
4. Scheuer, Sebastian, Jessica Jache, Martina Kičić, Thilo Wellmann, Manuel Wolff, Dagmar Haase. 2022. A trait-based typification of Urban Forests as Nature-Based Solutions. *Urban Forestry & Urban Greening*. In press.
5. Chen, Shanshan; Lin Liu; Cheng Chen; Dagmar Haase. 2022. The Interaction between Human Demand and Urban Greenspace Supply for Promoting Positive Emotions with Sentiment Analysis from Twitter. *Urban Forestry & Urban Greening*. In press.
6. Kicic M, D Haase, A M Marin, D Vuletić, S Krajter-Ostoić. 2022. Perceptions of cultural ecosystem services of tree-based green infrastructure: A focus group participatory mapping in Zagreb, Croatia. *Urban Forestry and Urban Greening*. In press.
7. Wellmann T, Andersson E, Kapp S, Lausch A, Palliwoda J, Priess J, Haase D. 2022. Reinforcing nature-based solutions through tools providing social-ecological-technological integration. *AMBIO*. In press.
8. Xie Chenghan, Wang Jingxia, Haase Dagmar, Wellmann Thilo, Lausch Angela. 2022. Measuring spatio-temporal heterogeneity and interior characteristics of green spaces in urban neighborhoods: A new approach using gray level co-occurrence matrix. *Science of the Total Environment*. In press.
9. Bachmann ME, Kulik L, Gatiso T, Nielsen MR, Haase D, et al. 2022. Analysis of differences and commonalities in wildlife hunting across the Africa-Europe South-North gradient. *PLOS Biology* 20(8): e3001707. <https://doi.org/10.1371/journal.pbio.3001707>.
10. Andersson, Erik, Dagmar Haase, Jakub Kronenberg, Johannes Langemeyer, André Mascarenhas, Manuel Wolff, Thomas Elmqvist. 2022. Based on nature, enabled by social-ecological-technological context. – deriving benefit from urban green and blue infrastructure. Guest Editorial. *Ecology and Society*. In press.

11. Cortinovis, C., Haase, D. Geneletti, D. 2022. Higher immigration and lower land-take rates are driving a new densification wave in European cities. *Nature Sustainability*. In press.
12. Wolff, M., A. Mascarenhas, A. Haase, D. Haase, E. Andersson, S. T. Borgström, J. Kronenberg, E. Łaskiewicz and M. Biernacka. 2022. Conceptualizing multidimensional barriers: a framework for assessing constraints in realizing recreational benefits of urban green spaces. *Ecology and Society* 27 (2):17. [online] URL: <https://www.ecologyandsociety.org/vol27/iss2/art17/>.
13. Chen, Shanshan, Salman Qureshi, Mohammad Karimi Firozjaei, Dagmar Haase. 2022. Differential urban land uses regulate the spatial pattern of land surface temperature across human-natural systems: indicators and potential of temperature mitigation in Berlin. *Sustainable Cities and Society*. In press.
14. Łaskiewicz, Edyta, Manuel Wolff, Erik Andersson, Jakub Kronenberg, David Barton, Dagmar Haase, Johannes Langemeyer, Francesc Baró, P. Timon McPhearson. 2022. Greenery in urban morphology: a comparative analysis of differences in urban green space accessibility for various urban structures across European cities. *Ecology and Society*. In press.
15. Andersson E, Borgström S, Haase D, Langemeyer J, McPhearson T, Wolff M. 2022. Ensuring urban ecosystem service benefits over time - resilience thinking and practice for urban systems. *Ecology and Society*. In press.
16. Haase D, Hellwig R. 2022. Effects of heat and drought stress on the health status of six urban street tree species in Leipzig, Germany. *Trees, Forests and People* 8 (2022) 100252. <https://doi.org/10.1016/j.tfp.2022.100252>.
17. Linke Ouyang, Caiyan Wu, Yuhan Liu, Junxiang Li, Meng Wang, Ji Han, Conghe Song, Qian Yu, Kaiyun Wang, Dagmar Haase. 2022. Mapping impervious surface fraction using phenology-integrated and Fisher transformed linear spectral mixture analysis based on Google Earth Engine. *International Journal of Remote Sensing*.
18. Długoński, Andrzej, Diana Dushkova, Dagmar Haase. 2022 in press. Urban cemeteries - places of multiple diversity and challenges. A case study from Łódź (Poland) and Leipzig (Germany). *Land*.
19. Guerrero, Paulina; Dagmar Haase; Christian Albert. Revisions. Identifying spatial patterns and ecosystem service provision of nature-based solutions. *Environmental Management*, <https://doi.org/10.1007/s00267-022-01613-y>.
20. Collins, Charlotte, Dagmar Haase; Nadja Kabisch; Stefan Heiland. 2022. Urban Green Space Interaction and Wellbeing – Investigating the Experience of International Students in Berlin During the First COVID-19 Lockdown. *Urban Forestry and Urban Greening* 70 (2022) 127543. <https://doi.org/10.1016/j.ufug.2022.127543>.
21. Haase, D., M. Wolff. 2022. Enabling ecosystem services at the neighbourhood scale while allowing for urban regrowth: the case of Halle, Germany. *Ecology and Society* 27(1):22. <https://doi.org/10.5751/ES-12988-270122>.
22. Haacke Hannah, Dagmar Haase, Friederike EnBle, Tobia Lakes. 2022. How to derive spatial agents: A mixed-method approach to model an elderly population with scarce data. *Population, Space and Place*. In press.
23. von Döhren P, Haase D. 2022. Geospatial assessment of urban ecosystem disservices: An example of poisonous urban trees in Berlin, Germany. *Urban Forestry & Urban Greening*. 67:127440.

2021

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24. Stange Erik Edward, David Barton, Erik Andersson, Dagmar Haase. 2021. Nature-based solutions, without prices, without apologies – comparing performance-based green area indices in three European cities. *Landscape and Urban Planning* 219, 104310. <https://doi.org/10.1016/j.landurbplan.2021.104310>.
25. Chen, Shanshan, Bing Xue, Salman Qureshi, Thilo Wellmann, Dagmar Haase. 2021. Integrating Quantity and Quality to Assess Urban Green Space Improvement: Site-Specific Practices in Berlin. *Land*. In press.

26. Scheuer, Sebastian, Jessica Jache; Luca Sumfleth; Thilo Wellmann; Dagmar Haase. 2021. Creating accessible evidence bases: Opportunities through the integration of interactive tools into literature review synthesis. *MethodsX*, <https://doi.org/10.1016/j.mex.2021.101558>.
27. Dushkova, D.; Haase, A.; Wolff, M.; Haase, D. Editorial for Special Issue “Nature-Based Solutions (NBS) in Cities and Their Interactions with Urban Land, Ecosystems, Built Environments and People: Debating Societal Implications”. *Land* 2021, 10, 937. <https://doi.org/10.3390/land10090937>.
28. Haase, Dagmar 2021. COVID-19 pandemic observations as a trigger to reflect on urban forestry in European cities under climate change: Introducing nature-society-based solutions. *Urban Forestry and Urban Greening* 64, 127304. <https://doi.org/10.1016/j.ufug.2021.127304>.
29. Da Schio, Nicola, Amy Phillips, Koos Fransen, Manuel Wolff, Dagmar Haase, Silvija Krajter Ostoić, Ivana Živojinović, Dijana Vuletić, Jakob Derks, Clive Davies, Raffaele Laforteza, Dennis Roitsch, Georg Winkel, Rik De Vreese. 2021. The impact of the COVID-19 pandemic on the use of and attitudes towards urban forests and green spaces: exploring the instigators of change in Belgium. *Urban Forestry & Urban Greening*, 127305, <https://doi.org/10.1016/j.ufug.2021.127305>.
30. Gonçalves, P., Vierikko, K., Elands, B., Haase, D., Catarina Luz, A., Santos-Reis, M., Biocultural diversity in an urban context. 2021. An indicator-based decision support tool to guide the planning and management of green infrastructure, *Environmental and Sustainability Indicators*, <https://doi.org/10.1016/j.indic.2021.1001>.
31. Schwarz N, Haase A, Haase D, Kabisch N, Kabisch S, Liebelt V, Rink D, Strohbach MW, Welz J, Wolff M. How Are Urban Green Spaces and Residential Development Related? A Synopsis of Multi-Perspective Analyses for Leipzig, Germany. 2021. *Land* 10(6):630. <https://doi.org/10.3390/land10060630>.
32. Kabisch N, R. Kraemer, M. E. Brenck, D. Haase, A. Lausch, M. L. Luttkus, T. Mueller, P. Remmler, P. von Döhren, J. Voigtländer, J. Bumberger. 2021. A methodological framework for the assessment of regulating and recreational ecosystem services in urban parks under heat and drought conditions, *Ecosystems and People*, 17:1, 464-475, <https://doi.org/10.1080/26395916.2021.1958062>.
33. Haase, D., M. Wolff and N. Schumacher. 2021. Mapping mental barriers that prevent the use of neighborhood green spaces. *Ecology and Society* 26 (4):16. [online] URL: <https://www.ecologyandsociety.org/vol26/iss4/art16/>.
34. Lin, Brenda, Alessandro Ossola, William Ripple, Marina Alberti, Erik Andersson, Xuemei Bai, Cynnamon Dobbs, Thomas Elmqvist, Karl L Evans, Niki Frantzeskaki, Richard Fuller, Kevin J. Gaston, Dagmar Haase, CY Jim, Cecil Konijnendijk, Harini Nagendra, Jari Niemela, Timon McPhearson, William R Moomaw, Susan Parnell, Diane Pataki, Puay Yok Tan. 2021. Cities and the “new climate normal”: Ways forward to address the growing climate challenge. *Lancet Planet Health* 5, e479–86. [https://www.thelancet.com/pdfs/journals/lanplh/PIIS2542-5196\(21\)00135-2.pdf](https://www.thelancet.com/pdfs/journals/lanplh/PIIS2542-5196(21)00135-2.pdf).
35. Kazmi, Syed Jamil Hasan, Dagmar Haase, Atif Shahzad, Saima Shaikh, Syeda Maha Zaidi, Salman Qureshi. 2021. Mapping Spatial Distribution of Invasive Alien Species through Satellite Remote Sensing in Karachi, Pakistan: An Urban Ecological Perspective. *International Journal of Environmental Science and Technology*. <https://doi.org/10.1007/s13762-021-03304-3>.
36. Kronenberg, Jakub, Erik Andersson, David Barton, Sara Borgström, Johannes Langemeyer, Tove Björklund, Dagmar Haase, Christopher Kennedy, Karolina Koprowska, Edyta Łaszkiwicz, P. Timon McPhearson, Erik Stange, Manuel Wolff. 2021 in press. The thorny path towards greening: Unintended consequences, trade-offs, and constraints in GBI planning, implementation, and management. *Ecology and Society*.
37. Haase D. 2021. Continuous integration in urban social-ecological systems science needs to allow for non-integration in order to be successful. The 50th Anniversary Collection. *AMBIO*. <https://doi.org/10.1007/s13280-020-01449-y>.
38. Wu Caiyan, Junxiang Li, Chunfang Wang, Conghe Song, Dagmar Haase, Jürgen Breuste, Maroš Finka. 2021. Estimating the Cooling Effect of Pocket Green Space in High-Dense Urban Areas in

Shanghai, China. *Front. Environ. Sci.*, 28 May 2021 |  
<https://doi.org/10.3389/fenvs.2021.657969>.

39. Mascarenhas, A., J. Langemeyer, D. Haase, S. Borgström and E. Andersson. 2021. Assessing the learning process in transdisciplinary research through a novel analytical approach. *Ecology and Society* 26 (4):19. [online] URL: <https://www.ecologyandsociety.org/vol26/iss4/art19/>.
40. Egerer Monika, Dagmar Haase, Timon McPhearson, Niki Frantzeskaki, Erik Andersson, Harini Nagendra, Alessandro Ossola. 2021. Urban change as an untapped opportunity for climate adaptation. *npj Urban Sustainability* 1:22; <https://doi.org/10.1038/s42949-021-00024-y>.
41. Jarzebski, Marcin Pawel, Thomas Elmqvist, Alexandros Gasparatos, Kensuke Fukushi, Sofia Eckersten, Dagmar Haase, Julie Goodness, Sara Khoshkar, Osamu Saito, Kazuhiko Takeuchi, Töres Theorell, Nannan Dong, Fumiko Kasuga, Ryugo Watanabe, Giles Bruno Sioen, Makoto Yokohari, Jian Pu. 2021. Ageing and Population Decline: Implications for Sustainability in the Urban Century. *npj Urban Sustain* 1, 17 (2021). <https://doi.org/10.1038/s42949-021-00023-z>.
42. Andersson E, Borgström S, Haase D, Langemeyer J, Mascarenhas A, McPhearson T, Wolff M, Łaskiewicz E, Kronenberg J, Barton D, Herreros-Cantis P. 2021. A context sensitive systems approach for understanding and enabling ecosystem service realisation in cities. *Ecology and Society*. In press.
43. Barber Anne, Haase Dagmar, Wolff Manuel. 2021. Permeability of the City - Physical Barriers of and in Urban Green Spaces in the City of Halle, Germany. *Ecological Indicators* 125, 107555. <https://doi.org/10.1016/j.ecolind.2021.107555>.
44. Kabisch, Nadja, Roland Kraemer, Oskar Masztalerz, Jan Hemmerling, Catharina Pueffel, Dagmar Haase. 2021. Impact of summer heat on urban park visitation, perceived health and ecosystem service appreciation. *Urb Forest Urb Green* 60, 127058. <https://doi.org/10.1016/j.ufug.2021.127058>.
45. Alavipanah, S.; Haase, D.; Makki, M.; Nizamani, M.M.; Qureshi, S. 2021. On the Spatial Patterns of Urban Thermal Conditions Using Indoor and Outdoor Temperatures. *Remote Sens.*, 13, 640. <https://doi.org/10.3390/rs13040640>.
46. Castillo Cabrera, Fernando, Thilo Wellmann, Dagmar Haase. 2021. Urban Green Fabric Analysis Promoting Sustainable Planning in Guatemala City. *Land* 10, 18. <https://doi.org/10.3390/land10010018>.
47. Iojă, Ioan-Cristian, Badiu Denisa L, Dagmar Haase, Alina C Hossu, Mihai R Nita. 2021. How about water? Urban blue infrastructure management in Romania. *Cities* 110(7), 103084. <https://doi.org/10.1016/j.cities.2020.103084>.
48. Kaiser, Josef, Dagmar Haase, Tobias Krueger. 2021. Payments for ecosystem services: a review of definitions, the role of spatial scales and critique. *Ecology and Society*.
49. Andersson Erik, Dagmar Haase, Pippin Anderson, Chiara Cortinovis, Julie Goodness, Dave Kendal, Angela Lausch, Timon McPhearson, Daria Sikorska, and Thilo Wellmann. What are the traits of a social-ecological system? Towards a framework in support of urban sustainability. *npj Urban Sustainability* (2021) 1:14; <https://doi.org/10.1038/s42949-020-00008-4>.
50. Scheuer S, Haase D, Haase A, Wolff M and T Wellmann. 2021. A glimpse into the future of exposure and vulnerabilities in cities? Modelling of residential location choice of urban population with random forest. *Nat. Hazards Earth Syst. Sci.*, 21, 203–217, <https://doi.org/10.5194/nhess-21-203-2021>.
51. Lausch, Angela, Michael E. Schaepman, Andrew Skidmore, Sina Truckenbrodt, Jörg M. Hacker, Rudolf Krönert, Jussi Baade, Lutz Bannehr, Erik Borg, Jan Bumberger, Peter Dietrich, Cornelia Glaesser, Dagmar Haase, Marco Heurich, Michael Hupfer, Thomas Jagdhuber, Sven Jany, Andrés Jung, Toralf Kirsten, Reinhard Klenke, Mohsen Makki, Markus Möller, Hannes Mollenhauer, Carsten Montzka, Pedro J. Leitão, Hendrick Paasche, Marion Pause, Christian Rogass, Nesrin Salepci, Christiane Schmuilius, Franziska Schrodte, Claudia Schütze, Christian Schweitzer, Peter Selsam, Daniel Spengler, Ralf-Uwe Syrbe, Michael Vohland, Martin Volk, Ute Weber, Thilo Wellmann, Ulrike Werban, Steffen Zacharias, Christian Thiel. 2021. Geomorphology — Linking remote sensing and geodiversity and their traits relevant to biodiversity—Part II. *Remote Sens.* 2020, 12, 3690; <https://doi.org/10.3390/rs12223690>.

52. Zwierzchowska, Iwona; Diana Dushkova; Dagmar Haase. 2021. Discovering the environmental potential of multistorey housing areas for nature-based solutions. A Central European Cities perspective. *Landsc Urb Plan* 206, 103975. <https://doi.org/10.1016/j.landurbplan.2020.103975>.
53. Elmqvist T, Andersson E, McPhearson T, Bai X, Bettencourt L, Brondizio E, Colding J, Daily G, Folke C, Grimm N, Haase D, Ospina D, Parnell S, Polasky S, Seto K C, Van Der Leeuw S. 2021. Urbanization In And For The Anthropocene. *npj Urban Sustain* 1, 6. <https://doi.org/10.1038/s42949-021-00018-w>.

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## 2020

54. Dushkova D., Haase D., von Döhren P., Chereshnya O., Megorsky V. 2020. An interdisciplinary perspective on ecosystem services and human well-being: results and potentials of German-Russian cooperation within the project. *InterCarto InterGIS* 26(1), 94-104. <https://doi.org/10.35595/2414-9179-2020-1-26-80-93>.
55. Dushkova D, Haase D. 2020. A data and knowledge base for learning from existing nature-based solutions in Europe: The CONNECTING Nature project. *MethodsX* 7, 101096. <https://doi.org/10.1016/j.mex.2020.101096>.
56. Wellmann T, Angela Lausch, Erik Andersson, Sonja Knapp, Chiara Cortinovia, Jessica Jache, Sebastian Scheuer, Peleg Kremer, André Mascarenhas, Roland Kraemer, Annegret Haase, Franz Schug, Dagmar Haase. 2020. Remote sensing in urban planning: Contributions towards ecologically sound policies? *Landscape and Urban Planning*. <https://doi.org/10.1016/j.landurbplan.2020.103921>.
57. Tzoulas Konstantinos, Juanjo Galan, Stephan Pauleit, Matthew Dennis, Dagmar Haase, Jari Niemela, Stephen Venn, Philip James, Bas Pedroli, Himansu Mishra. 2020. In press. A dynamic and adaptive framework for implementing nature-based solutions in sustainable urban development and healthy cities. *AMBIO*. <https://doi.org/10.1007/s13280-020-01380-2>.
58. Draus Paul, Dagmar Haase, Jacob Napieralski, Alec Sparks, Salman Qureshi, Juliette Roddy, 2020. Wastelands, Greenways and Gentrification: Introducing a Green Reparations Framework with a Focus on Detroit, US. *Sustainability* 12, 6189; <https://doi.org/10.3390/su12156189>.
59. Richter Scarlet, Haase Dagmar, Thestorf Kolja, Makki Mohsen. 2020. Organic carbon storage of Berlin, Germany: soils and trees. *Urb Forest Urb Green* 54, 126777. <https://doi.org/10.1016/j.ufug.2020.126777>.
60. Kronenberg, Jakub; Annegret Haase, Edyta Łaszkiwicz, Attila Antal, Aliaksandra Baravikova, Magdalena Biernacka, Diana Dushkova, Richard Filčák, Dagmar Haase, Maria Ignatieva, Yaryna Khmara, Mihai Razvan Nita, Diana Andreea Onose. 2020. Environmental justice in the context of urban green space availability, accessibility and attractiveness in postsocialist cities. *Cities* 106, 10282. <https://doi.org/10.1016/j.cities.2020.102862>.
61. Draus P, Haase D, J Napieralski, S Qureshi, J Roddy. 2020. Lurking in the Bushes: Fear, Freedom, Informality and Green Space in Berlin and Detroit. *Cultural Geographies*. <https://doi.org/10.1177/1474474020948876>.
62. Andersson E, Haase D, Scheuer S, Wellmann T, 2020. Neighbourhood character affects the spatial extent and magnitude of the functional footprint of urban green infrastructure. *Landscape Ecology*, 35, 1605–1618. <https://doi.org/10.1007/s10980-020-01039-z>.
63. Knaus Maria, Haase Dagmar. 2020. Green roof effects on daytime heat in a prefabricated residential neighbourhood in Berlin, German. *Urban Forestry and Urban Greening* 53, 126738. <https://doi.org/10.1016/j.ufug.2020.126738>.
64. Wellmann, T., Schug, F., Haase, D., Pflugmacher, D., van der Linden, S. 2020. Green growth? On the relation between population density, land use and vegetation cover fractions in a city using a 30-years Landsat time series. *Lands Urb Plan* 202, 103857. <https://doi.org/10.1007/s10980-020-01039-z>.
65. Bachmann, Mona; Cohen, Heather; Haase, Dagmar; Kouassi, Joseph; Mundry, Roger; Nielsen, Martin; Kuehl, Hjalmar. 2020. Saving rodents, losing primates - why we need tailored bushmeat management strategies. *People and Nature* 4(2): 889-902. <https://doi.org/10.1002/pan3.10119>.

66. Xu Chao, Mohammad Rahman, Dagmar Haase, Yiping Wu, Meirong Su, Stephan Pauleit. 2020. In Press. Surface runoff under different urban dynamics: The role of residential cover and urban growth form. *Journal of Cleaner Production* 121421. <https://doi.org/10.1016/j.jclepro.2020.121421>.
67. Tao Zhou, Yajun Geng, Jianjun Pan, Zhaofu Li, Dagmar Haase, Angela Lausch, 2020. High-resolution digital mapping of soil organic carbon and soil total nitrogen using DEM derivatives, Sentinel-1 and Sentinel-2 data based on machine learning algorithms. *Science of the Total Environment* 729, 10 August 2020, 138244. <https://doi.org/10.1016/j.scitotenv.2020.138244>.
68. Xu, Chao; Haase, Dagmar; Su, Meirong; Wang, Yutao; Pauleit, Stephan. 2020. Assessment of landscape changes under different urban dynamics based on a multiple-scenario modeling approach. *Environment and Planning B: Urban Analytics and City Science*. <https://doi.org/10.1177/2399808320910161>.
69. Zhou, Tao, Yajun Geng, Jianjun Pan, Zhaofu Li, Dagmar Haase, Angela Lausch, 2020. High-resolution digital mapping of soil organic carbon and soil total nitrogen using DEM derivatives, Sentinel-1 and Sentinel-2 data based on machine learning algorithms. *Sci Total Environ* 10(729), 138244. <https://doi.org/10.1016/j.scitotenv.2020.138244>.
70. Ignatieva Maria, Dagmar Haase, Diana Dushkova, Annegret Haase. 2020. Lawn as a unique global urban green space phenomenon: A novel way of searching for nature-based solutions in cities. *Land*, 9, 73; <https://doi.org/10.3390/land9030073>.
71. Wolff M, Scheuer S, Haase D. 2020. Revisiting the urban-rural interface of green space accessibility in Europe. *Ecological Indicators* 113, 106245. <https://doi.org/10.1016/j.ecolind.2020.106245>.
72. Dushkova D, Haase D. 2020. Not simply green: Nature-based solutions as concept and practical approach for sustainability studies and planning agendas in cities. *Land* 2020, 9, 19; <https://doi.org/10.3390/land9010019>.
73. Wellmann, T., Lausch, A., Scheuer, S., & Haase, D. 2020. Earth observation based indication for avian species distribution models using the spectral trait concept and machine learning in an urban setting. *Ecological Indicators*, 111, 106029. <https://doi.org/10.1016/j.ecolind.2019.106029>.
74. Wolf J, Haase D, Kühn I. 2020. There is an urban effect in the functional composition of alien plant invasions. *Neobiota* 54, 23-47. <https://doi.org/10.3897/neobiota.54.38898>.
75. Vierikko, Kati, Paula Gonçalves, Dagmar Haase, Birgit Elands, Ioan Cristian Ioja, Mia Puttonen, Mari Pieniniemi, Jasmina Lindgren, Filipa Grilo, Margarida Santos-Reis, Jari Niemela, Vesa Yli-Pelkonen. 2020. Lived biocultural diversity in European parks – do public parks concurrently support interrelationships between people and nature? *Urban Forestry and Urban Greening* 48, 126501. <https://doi.org/10.1016/j.ufug.2019.126501>.

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## 2019

76. McDonald R, Andressa V Mansur, Fernando Ascensão, M'Lisa Colbert, Katie Crossman, Thomas Elmqvist, Andrew Gonzalez, Burak Güneralp, Dagmar Haase, Maike Hamann, Oliver Hillel, Kangning Huang, Belinda Kant, David Maddox, Andrea Pacheco, Henrique Pereira, Karen Seto, Rohan Simkin, Brenna Walsh, Carly Ziter. 2019. The growing impacts of cities on biodiversity. Research gaps limit global decision-making. *Nature Sustainability*. <https://doi.org/10.1038/s41893-019-0436-6>.
77. Zhou Tao, Yajun Geng, Dagmar Haase, Angela Lausch. 2019. Mapping of soil total nitrogen content in the middle reach of the Heihe River Basin, China. *Remote Sens.* 11(24), 2934; <https://doi.org/10.3390/rs11242934>.
78. Carlan Irina, Dagmar Haase, André Große-Stoltenberg, Ionuț Șandric. 2019. Mapping heat and traffic stress of urban park vegetation based on satellite imagery - A comparison of Bucharest, Romania and Leipzig, Germany. *Ecological Indicators*. <https://doi.org/10.1007/s11252-019-00916-z>.
79. Bachmann, Mona E, Jessica Junker, Heather Cohen, Dagmar Haase, Joseph A. K. Kouassi, Martin Reinhardt Nielsen, Hjalmar Kühl, Roger Mundry. 2019. Disentangling economic, cultural,

- and nutritional motives to identify entry points for regulating a wildlife commodity chain. *Biological Conservation* 238, 108177, <https://doi.org/10.1016/j.biocon.2019.07.022>.
80. Döhren Peer, Haase Dagmar. 2019. Risk assessment concerning urban ecosystem disservices: The example of street trees in Berlin, Germany. *Ecosystem Services* 40, 101031. <https://doi.org/10.1016/j.ecoser.2019.101031>.
  81. Lausch Angela, Lutz Bannehr, Erik Borg, Jan Bumberger, Sabine Chabrilat, Peter Dietrich, Katja Kuhwald, Heike Gerighausen, Cornelia Glässer, Jorg M. Hacker, Dagmar Haase, Thomas Heege, Michael Hupfer, Thomas Jagdhuber, Sven Jany, András Jung, Arnon Karnieli, Roland Kraemer, Pedro J. Leitão, Mohsen Makki, Ulf Mallast, Christian Mielke, Markus Möller, Hannes Mollenhauer, Carsten Montzka, Natascha Oppelt, Hendrik Paasche, Marion Pause, Karsten Rinke, Christian Rogass, Offer Rozenstein, Christoph Salbach, Robert Schima, Christiane Schnullius, Franziska Schrodte, Martin Schrön, Karsten Schulz, Claudia Schütze, Christian Schweitzer, Peter Selsam, Andrew K. Skidmore, Daniel Spengler, Christian Thiel, Sina Truckenbrodt, Michael Vohland, Ulrike Werban, Ute Wollschläger, Steffen Zacharias, Michael E. Schaepman. 2019. Linking Remote Sensing and Geodiversity and their Traits Relevant to Biodiversity – Part I: Soil Characteristics. *Remote Sens.* 11, 2356; <https://doi.org/10.3390/rs11202356>.
  82. Akuraju Vamsidhar, Diego Rybski, Prajal Pradhan, Dagmar Haase, Juergen Kropp. 2019. Relating SDG11 indicators and urban scaling - an exploratory study. *Sustainable Cities and Society* 52, 101853. <https://doi.org/10.1016/j.scs.2019.101853>.
  83. Firozjaei, M.K.; Sedighi, A.; Kiavarz, M.; Qureshi, S.; Haase, D.; Alavipanah, S.K. Automated Built-Up Extraction Index: A New Technique for Mapping Surface Built-Up Areas Using LANDSAT 8 OLI Imagery. *Remote Sens.* 2019, 11, 1966. <https://doi.org/10.3390/rs11171966>.
  84. Kabisch N, Haase D, Haase A. 2019. Reurbanisation in the German city of Leipzig – spatio-temporal processes and driving forces after 2000. *Population, Space and Place*. <https://doi.org/10.1002/psp.2266>.
  85. Kremer P, Haase D, Haase A. 2019. The future of urban sustainability: Smart, efficient, green or just? *Sustainable Cities and Society* 50, 101167, <https://doi.org/10.1016/j.scs.2019.101761>.
  86. Draus P, Haase D, S Qureshi, J Roddy, J Napieralski. 2019. Legacies of Destruction, Spaces of Healing: Historical Trauma and Green Reparations in Berlin and Detroit. *Cities* 93, 153-163, <https://doi.org/10.1016/j.cities.2019.05.002>.
  87. Andersson Erik, Johannes Langemeyer, Sara Borgström, Timon McPhearson, Dagmar Haase, Jakub Kronenberg, David N. Barton, McKenna Davis, Sandra Naumann, Lina Röschel, Erik Stange, Francesc Baró. 2019. Enabling Green and Blue Infrastructure to Improve Contributions to Human Well-being and Equity in Urban Systems. *BioScience*. <https://doi.org/10.1093/biosci/biz058>.
  88. Pauleit S, Andersson E, Anton B, Buijs A, Haase D, Hansen R, Kowarik I, Niemelä J, Olafsson AS, Van der Jagt S. Urban Green Infrastructure – Connecting People and Nature for Sustainable Cities, Urban Forestry and Urban Greening *Urb Forest Urb Green*. 40(4), 1-3, <https://doi.org/10.1016/j.ufug.2019.04.007>.
  89. Wolff M, Haase D. 2019. Mediating sustainability and liveability – turning points of green space supply in European cities. *Frontiers in Environmental Science, Section Land Use Dynamics*. <https://doi.org/10.3389/fenvs.2019.00061>.
  90. Haacke Hannah C, Friederike Enßle, Dagmar Haase, Ilse Helbrecht and Tobia Lakes, 2019. Why Do(n't) People Move When They Get Older? Estimating the Willingness to Relocate in Diverse Ageing Cities. *Urban Planning* 4(2), 53–69. <https://doi.org/10.17645/up.v4i2.1901>.
  91. Gutsch M, Larondelle N, Haase D. 2019. Of bugs and men: How forest pests and their management strategies are perceived by visitors of an urban forest. *Urban Forestry & Urban Greening* 41, 248-254. <https://doi.org/10.1016/j.ufug.2019.03.003>.
  92. Mascarenhas A, Ramos T, Haase D, Rui S., 2019. Pathways of demographic and urban development and their effects on land take and ecosystem services: The case of Lisbon Metropolitan Area, Portugal. *Land Use Policy* 82, 181-194. <https://doi.org/10.1016/j.landusepol.2018.11.056>.

93. Haase D, Jänicke C, Wellmann T. 2019. Delineating private greenspaces in cities based on subpixel vegetation fractions from earth observation data using spectral unmixing. *Landscape and Urban Planning* 182, 44-54. <https://doi.org/10.1016/j.landurbplan.2018.10.010>.
94. Albert C, Schröter B, Brillinger M, Henze J, Gottwald S, Guerrero P, Nicolas C, Haase D, Matzdorf B, Herrmann S, von Haaren C 2019. Nature-based Solutions in River Landscapes: What roles for Landscape Planning and Governance Research? Perspective Essay for *Landscape and Urban Planning* 182, 12-21. <https://doi.org/10.1016/j.landurbplan.2018.10.003>.
95. Guerrero P, Haase D, Albert C 2018. Locating spatial opportunities for nature-based solutions: a river landscape application. *Water* 2018, 10, 1869; <https://doi.org/10.3390/w10121869>.
96. Van der Jagt, Alexander, Mike Smith, Bianca Ambrose-Oji, Cecil C Konijnendij, Vincenzo Giannico, Dagmar Haase, Raffaele Laforteza, Mojca Nastran, Marina Pintar, Špela Železnikar, Rozalija Cvejić. Co-creating urban green infrastructure connecting people and nature: A guiding framework and approach 2018. *Journal Env Man*. <https://doi.org/10.1016/j.jenvman.2018.09.083>.
97. Pauleit S, Anton S. Olafsson, Emily Rall, Alexander van der Jagt, Bianca Ambrose-Oji, Erik Andersson, Barbara Anton, Arjen Buijs, Dagmar Haase, Birgit Elands, Rieke Hansen, Ingo Kowarik, Jakob Kronenberg, Thomas Mattijssen 2019. Urban green infrastructure in Europe – status quo, innovation and perspectives. *Urban Forestry and Urban Greening. Urb Forest Urb Green*. 40(4), 4-16. <https://doi.org/10.1016/j.ufug.2018.10.006>.

2018

---

98. Cortinovis Chiara, Dagmar Haase, Bruno Zanon, Davide Geneletti 2018. Are cities on the right track? Analysing urban spatial development through the lens of European strategies. *Landscape and Urban Planning*. <https://doi.org/10.1016/j.landurbplan.2018.09.007>.
99. Fischer Leonie K, Daniel Brinkmeyer, Jasmin Honold, Alexander van der Jagt, Alexandra Botzat, Raffaele Laforteza, Nadja Kabisch, Anders Busse Nielsen, Birgit Elands, Mojca Nastran, Rozalija Cvejić, Stefanie Josefine Karle, Kati Vierikko, Dagmar Haase, Tim Delshammar, Ingo Kowarik 2018. Recreational ecosystem services in European cities: sociocultural and geographic context matters for park use. *Ecosystem Services* 31, Part C, 455-467. <https://doi.org/10.1016/j.ecoser.2018.01.015>.
100. Xu Chao, Dagmar Haase, Didit Pribadi, Stephan Pauleit 2018. Spatial variation of green space equity and its relation with urban dynamics: A case study in the region of Munich. *Ecological Indicators* 93, 1-12. <https://doi.org/10.1016/j.ecolind.2018.04.058>.
101. Scheuer S, Haase D, Haase A, Kabisch N, Wolff M, Schwarz N, Großmann K, 2020. Combining tacit Knowledge elicitation with the SilverKnETs tool and random forests – The example of residential housing choice in Leipzig. *Environmental Planning B: Urban Analytics and City Science*, 47(3), 400 – 416. <https://doi.org/10.1177/2399808318777500>.
102. Roeschel Lina, Frieder Graef, Ottfried Dietrich, Meike Pendo Schaefer & Dagmar Haase. In press. Individual local farmers' perceptions of environmental change in Tanzania. *Water* 2018, 10(4), 525; <https://doi:10.3390/w10040525>.
103. Elands E, Kati Vierikko, Erik Andersson, Leonie K Fischer, Paula Goncalves, Dagmar Haase, Ingo Kowarik, Ana Catarina Luz, Jari Niemela, Margarida Santos-Reis, K. F. Wiersum 2018. Biocultural diversity: a novel concept to assess human-nature interrelations, nature conservation and stewardship in cities. *Urban Forestry & Urban Greening* 40, 29-34. <https://doi.org/10.1016/j.ufug.2018.04.006>.
104. Kremer Peleg, Neele Larondelle, Yimin Zhang, Elise Pasles, Dagmar Haase 2018. Within-class and neighborhood effects on the relationship between composite urban classes and surface temperature. *Sustainability* 10, 645; doi:10.3390/su10030645. <http://www.mdpi.com/2071-1050/10/3/645/htm>.
105. Püffel C, Haase D, Priess J 2018. Mapping Ecosystem Services on Brownfields in Leipzig, Germany. *Ecosystem Services* 30, 73-85. <https://doi.org/10.1016/j.ecoser.2018.01.011>.



106. Wolff M, Haase D, Haase A. 2018. Less dense or more compact? Discussing a density model of urban development for European urban areas. *PLOS ONE* Published: February 28, 2018. <https://doi.org/10.1371/journal.pone.0192326>.
107. Alavipanah S, J Schreyer, D Haase, T Lakes, S Qureshi. 2018. The effect of multi-dimensional indicators on urban thermal conditions: An example from the arid city of Yazd, Iran. *Journal of Cleaner Production* 177, 115-123. <https://doi.org/10.1016/j.jclepro.2017.12.187>.
108. Wellmann T, Haase D, Knapp S, Salbach C, Selsam P, Lausch A. 2018. Urban land use intensity assessment: The potential of spatio-temporal spectral traits with remote sensing. *Ecological Indicators* 85, 190-203. <https://doi.org/10.1016/j.ecolind.2017.10.029>.

2017

---

109. Haase D 2017. Urban ecosystem, their services and town planning. Critical reflections of selected shortcomings. *URBANISTICA* 159, 90-94.
110. Scheuer S, Haase D, Volk M 2017. Fastest-growing urban areas as hotspots of change: 20th century climate trends and urbanization call for co-management of global change in cities. *PLoS ONE* 12(12): <https://doi.org/10.1371/journal.pone.0189451>.
111. Castillo F, Haase D 2017. Guatemala City, the socio-ecological profile of a Central American City. *Cities*. <https://doi.org/10.1016/j.cities.2017.09.015>.
112. Schwarz Nina, Marco Moretti, Miguel Bugalho, Zoe Davies, Dagmar Haase, Jochen Hack, Angela Hof, Yolanda Melero, Tristan Pett, Sonja Knapp 2017. Understanding biodiversity-ecosystem service relationships in urban areas: a comprehensive literature review. *Ecosystem Services* 27, 161–171. <https://doi.org/10.1016/j.ecoser.2017.08.014>.
113. Frantzeskaki N, D Haase, M Fragkias, T Elmqvist 2017. Editorial overview: System dynamics and sustainability: Urban transitions to sustainability and resilience. *Current Opinion in Environmental Sustainability* 22, iv–viii, <http://dx.doi.org/10.1016/j.cosust.2017.05.001>.
114. Vierikko K, Niemelä J, Elands B, Buijs A, Haase D, Kabisch N, Kowarik I, Fischer L, Luz A, Olafsson S A, Andersson E, Száraz L, and Konijnendijk van den Bosch C 2017. Considering the ways biocultural diversity helps enforce urban green infrastructure in times of urban transformation. *Current Opinion in Environmental Sustainability* 22, 7-12, <http://dx.doi.org/10.1016/j.cosust.2017.05.001>.
115. Beichler S A, Bastian O, Haase D, Heiland S, Kabisch N., Müller F. 2017. Does the Ecosystem Service Concept Reach its Limits in Urban Environments? *Landscape Online* 51, 1-22, <https://doi.org/10.3097/LO.201751>.
116. Haase D, S Kabisch, A Haase, N Larondelle, N Schwarz, M Wolff, J Kronenberg, N Kabisch, K Krellenberg, L Fischer, D Rink, S Pauleit, E Andersson, E Banzhaf, N Frantzeskaki, I Ring, F Baró, P Kremer, J Mathey, M Brenck. 2017. Greening cities – to be socially inclusive? About the paradox of society and ecology in cities. *Habitat International*. <https://doi.org/10.1016/j.habitatint.2017.04.005>.
117. Larondelle N, Haase D. 2017. Back to nature! Or not? Urban dwellers and their forest in Berlin. *Urban Ecosystems* 20(5), 1069–1079. <https://doi.org/10.1007/s11252-017-0660-7>.
118. Elsayah, S, Suzanne Pierce, Serena Hamilton, Hedwig van Delden, Dagmar Haase, Amgad Elmahdi, Anthony J Jakeman. 2017. An overview of the System Dynamics process for integrated modelling of socioecological systems: Lessons on good modelling practice from five case studies. *Environmental Modelling and Software* 93, 127-145. <https://doi.org/10.1016/j.envsoft.2017.03.001>.
119. Albert C, M Hinzmann, C Neßhöver, H Wittmer, A Bonn, B Burkhard, J Dauber, R Döring, C Fürst, K Grunewald, D Haase, B Hansjürgens, J Hauck, T Koellner, T Plieninger, S-E Rabe, I Ring, M Schröter, J H Spangenberg, U Stachow, H Wüstemann, C Görg 2017. Towards a National Ecosystem Assessment in Germany: A plea for a comprehensive approach GAIA 26(1), 27-33. <https://doi.org/10.14512/gaia.26.1.8>.
120. Baró F, Gómez-Baggethun E, Haase D. 2017. Ecosystem service bundles from a supply-demand approach: Implications for landscape planning and management in an urban region. *Ecosystem Services* 24, 147-159. <https://doi.org/10.1016/j.ecoser.2017.02.021>.

121. Nelle A, K Großmann, D Haase, S Kabisch, D Rink, M Wolf. 2017. Urban shrinkage in Germany: An entangled web of condition, discourse and policy. *Cities* 69, 116-123. <http://dx.doi.org/10.1016/j.cities.2017.02.006>.
122. Nesshoever C, Timo Assmuth; Katherine J Irvine; Graciela M Rusch; Kerry A Waylen; Ben Delbaere; Dagmar Haase; Lawrence Jones-Walters; Hans Keune; Eszter Kovacs; Kinga Krause; Mart Külvik; Freddy Rey; Jiska van Dijk; Marie Vandewalle; Odd Inge Vistad; Mark E Wilkinson; Heidi Wittmer 2017. The science, policy and practice of Nature-Based Solutions: An interdisciplinary perspective. *Science Total Environment* 579, 1215-1227. <http://dx.doi.org/10.1016/j.scitotenv.2016.11.106>.
123. Rall E, C Bieling, S Zytynska, D Haase 2017. Exploring city-wide patterns of cultural ecosystem service perceptions and use. *Ecol Ind* 77, 80–95. <https://doi.org/10.1016/j.ecolind.2017.02.001>.
124. Kabisch N, Frantzeskaki N, Pauleit S, Naumann S, Davis M, Artmann M, Haase D, Knapp S, Korn H, Stadler J, Zaunberger K, Bonn A 2017. Nature-based solutions to climate change mitigation and adaptation in urban areas – perspectives on indicators, knowledge gaps, barriers and opportunities for action. *Ecology and Society* 21(2):39. <http://dx.doi.org/10.5751/ES-08373-210239>.

## 2016

---

125. Mascarenhas A, Ramos T, Haase D, Rui S. 2016. Participatory selection of ecosystem services for spatial planning: Insights from the Lisbon Metropolitan Area, Portugal. *Ecosystem Services* 18, 87-99. <https://doi.org/10.1016/j.ecoser.2016.02.011>.
126. Dushkova D, Haase D, Haase A 2016. Urban Green Space in Transition: Historical parks and Soviet heritage in Arkhangelsk, Russia. *Critical Housing Analysis Volume 3(2)*, 61-70. Available online at [www.housing-critical.com](http://www.housing-critical.com). <http://dx.doi.org/10.13060/23362839.2016.3.2.300>.
127. Alavipanah S, Haase D, Lakes T, Qureshi S 2016. Integrating the third dimension into the concept of urban ecosystem services: A review. *Ecol Ind* 72, <https://doi.org/10.1016/j.ecolind.2016.08.010>.
128. Scheuer S, Haase D, Volk M 2016. On the nexus of the spatial dynamics of global urbanization and the age of the city. *PLoS ONE* 11(8): <https://doi.org/10.1371/journal.pone.0160471>.
129. Kabisch N, Haase D, Annerstedt van den Bosch M 2016. Adding natural spaces to social indicators of intra-urban health inequalities among children - a case study from Berlin, Germany. *IJERPH* 13, 783; <https://doi.org/10.3390/ijerph13080783>.
130. Baró F, Palomo I, Zulian G, Vizcaino P, Haase D, Gómez-Baggethun E 2016. Mapping ecosystem service capacity, flow and demand for landscape and urban planning: a case study in the Barcelona metropolitan region. *Land Use Policy* 57, 405-417 <https://doi.org/j.landusepol.2016.06.006>.
131. Wolff M, Haase A, Haase D, Kabisch N 2016. The impact of urban regrowth on the built environment. *Urban Studies* 54(12), 2683-2700. <https://doi.org/10.1177/0042098016658231>.
132. Haase D 2016 Reflections on urban landscapes, ecosystems services and nature-based solutions in cities. *Planning Theory & Practice* 17(2), 267-300. <https://doi.org/10.1080/14649357.2016.1158907>.
133. Kremer, P., Z. Hamstead, D. Haase, T. McPhearson, N. Frantzeskaki, E. Andersson, N. Kabisch, N. Larondelle, E. L. Rall, A. Voigt, F. Baró, C. Bertram, E., Gómez-Baggethun, R. Hansen, A. Kaczorowska, J.-H. Kain, J. Kronenberg, J., Langemeyer, S. Pauleit, K. Rehdanz, M. Schewenius, C. Van Ham, D. Wurster and T. Elmqvist. 2016. Key insights for the future of urban ecosystem services. *research. Ecology and Society* 21 (2):29. <http://www.ecologyandsociety.org/vol21/iss2/art29/>.
134. McPhearson T, Haase D, Kabisch N, Gren A 2016 Advancing understanding of the complex nature of urban systems. *Ecological Indicators*, <http://dx.doi.org/10.1016/j.ecolind.2016.03.054>.
135. Kain JH, Larondelle N, Haase D, Rodríguez Rodríguez D, Kaczorowska A 2016. Land use scenarios exploring local consequences for supply of urban ecosystem services in Stockholm year 2050. *Ecological Indicators* 70, 615-629. <https://doi.org/10.1016/j.ecolind.2016.02.062>.

136. Langemeyer J, Gómez-Baggethun E, Haase D, Scheuer S, Elmqvist T 2016 in press. Making ecosystem services count in urban policy-making: An operational framework based on multi-criteria decision analysis. *Env Science & Policy* 62, 45-56. <https://doi.org/10.1016/j.envsci.2016.02.013>.
137. Kabisch N, Strohbach M, Haase D, Kronenberg J 2016. Green space availability in European cities. *Ecological Indicators* 70, 586-596. <https://doi.org/10.1016/j.ecolind.2016.02.029>.
138. Larondelle N, Frantzeskaki N, Haase D 2016. Mapping transition potential with stakeholder and policy-driven scenarios in Rotterdam City. *Ecological Indicators* 70, 630-643. <https://doi.org/10.1016/j.ecolind.2016.02.028>.
139. McPhearson T, Pickett S, Grimm N, Niemelä J, Elmqvist T, Weber C, Breuste J, Haase D, Qureshi S. 2016. Ecology for an Urban Planet: Advancing Research and Practice Towards a Science of Cities. *BioScience*. <https://doi:10.1093/biosci/biw002>.
140. Chinh D T, Gain A K, Dung N V, Haase D, Kreibich H 2016. Multi-variate analyses of flood loss in Can Tho city, Mekong Delta. *Water* 2016, 8, 6. <https://doi.org/10.3390/w8010006>.
141. Hamstead Z A, Kremer P, Larondelle N, McPhearson T, Haase D 2016. Classification of the heterogeneous structure of urban landscapes (STURLA) as an indicator of landscape function applied to surface temperature in New York City. *Ecological Indicators*, 70, 574-585. <https://doi.org/10.1016/j.ecolind.2015.10.014>.
142. 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. *Ecosystem Services* 22, 204-212. <https://doi.org/10.1016/j.ecoser.2015.04.006>.
143. Mascarenhas M, Tomás B Ramos, Dagmar Haase, Rui Santos 2016. Ecosystem services in spatial planning and strategic environmental assessment - an European and Portuguese profile. *Land Use Policy* 48, 158-169. <http://dx.doi.org/10.1016/j.landusepol.2015.05.012>.
144. Rodríguez-Rodríguez D, Kain J H, Haase D, Baró F, Frantzeskaki N, Kaczorowska A 2016. Urban self-sufficiency through optimised ecosystem service demand. An utopian perspective from European cities. *Futures* 70, 13-23. <https://doi.org/10.1016/j.futures.2015.03.007>.
145. Lauf S, Haase D, Kleinschmit B. 2016. Contrasting interactions between urban development and demographic and residential preference shifts in the Berlin metropolitan region – a spatial scenario analysis. *Land Use Policy* 52, 240-254. <https://doi.org/10.1016/j.landusepol.2015.12.017>.
146. Baró F, Frantzeskaki N, Gómez-Baggethun E, Haase D 2015. Assessing the match between local supply and demand of urban ecosystem services in five European cities. *Ecological Indicators* 55, 146-158. <https://doi.org/10.1016/j.ecolind.2015.03.013>.

## 2015 and before

---

147. Haase D 2015 Reflections About Blue Ecosystem Services in Cities. *Sustainability of Water Quality and Ecology*. Available online <http://www.sciencedirect.com/science/article/pii/S2212613915000112>.
148. Von Döhren P, Haase D 2015 Ecosystem disservices research: a review of the state of the art with a focus on cities. *Ecological Indicators* 52, 490–497. <https://doi.org/10.1016/j.ecolind.2014.12.027>.
149. Lausch A, Haase D, Herzog F, Syrbe R U, Walz U, Blascke T 2015. Indicators for process-pattern interactions in landscapes - An integrative perspective. *Ecological Modelling* 295, 31-41. <https://doi.org/10.1016/j.ecolmodel.2014.08.018>.
150. Andersson E, McPherson T, Kremer P, Frantzeskaki N, Gomez-Baggethun E, Haase D, Tuvendal M, Wurster D 2015 Scale and Context Dependence of Ecosystem Service Providing Units. *Ecosystem Services* 12, 157-164. <http://dx.doi.org/10.5751/ES-08445-210229>.
151. Haase D, Haase A, Rink D 2014. Conceptualising the nexus between urban shrinkage and ecosystem services. *Landsc. Urban Planning* 132, 159–169. <http://dx.doi.org/10.1016/j.landurbplan.2014.09.003>.

152. Kabisch N, Qureshi S, Haase D 2014. Urban nature: Human-environment interactions in urban green spaces – contemporary issues and future prospects. *Env Impact Ass Review* 50, 25–34. <https://doi.org/10.1016/j.eiar.2014.08.007>.
153. Larondelle N, Hamstead Z A, Kremer P, Haase D, McPhearson T 2014. Comparing urban structure-function relationships across cities: Testing a new general urban structure classification in Berlin and New York. *Applied Geography* 53, 427-437. <https://doi.org/10.1016/j.apgeog.2014.07.004>.
154. Weber N, Haase D, Franck U 2014. Zooming into the urban heat island: How do urban built and green structures influence earth surface temperatures in the city? *Science of the Total Environment* 496, 289-298. <https://doi.org/10.1016/j.scitotenv.2014.06.144>.
155. Weber N, Haase D, Franck U 2014. Traffic-induced noise levels in residential urban structures using landscape metrics as indicators. *Ecological Indicators* 45, 611-621. <https://doi.org/10.1016/j.ecolind.2014.05.004>.
156. Larondelle N, Haase D, Kabisch N 2014. Diversity of ecosystem services provisioning in European cities. *Global Environmental Change* 26, 119-129. <https://doi.org/10.1016/j.gloenvcha.2014.04.008>.
157. Lauf S, Haase D, Kleinschmit B. 2014. Linkages between ecosystem services provisioning, urban growth and shrinkage—A modeling approach assessing ecosystem service trade-offs. *Ecol. Indic.*, 42, 73–94. <https://doi.org/10.1016/j.ecolind.2014.01.028>.
158. Qureshi S Haase D 2014 Compact, eco-, hybrid or teleconnected? Novel aspects of urbanecological research seeking compatible solutions to socio-ecological complexities. *Ecological Indicators* 42,1-5. <https://doi.org/10.1016/j.ecolind.2014.04.017>.
159. Nilsson K, Nielsen T S, Aalbers C, Bell S, Boitier B, Chery J-P, Fertner C, Groschowski M, Haase D, Loibl W, Pauleit S, Pintar M, Piorr A, Ravetz J, Ristimäki M, Rounsevell M, Tosics I, Westerink J, Zasada I 2014 Strategies for Sustainable Urban Development and Urban-Rural Linkages, Research brief, March 2014, *European Journal of Spatial Development*.
160. Weber N, Haase D, Franck U 2014. Assessing traffic-induced noise and air pollution in urban structures using the concept of landscape metrics. *Landscape and Urban Planning* 125, 105–116. <https://doi.org/10.1016/j.landurbplan.2014.02.018>.
161. Haase D, Frantzeskaki N, Elmqvist T 2014. Ecosystem Services in Urban Landscapes: Practical Applications and Governance Implications. *AMBIO* 43(4), 407–412. <https://doi.org/10.1007/s13280-014-0503-1>.
162. Haase D, Larondelle N, Andersson E, Artmann M, Borgström S, Breuste J, Gomez-Baggethun E, Gren A, Hamstead Z, Hansen R, Kabisch N, Kremer P, Langemeyer J, Lorange Rall E, McPhearson T, Pauleit S, Qureshi S, Schwarz N, Voigt A, Wurster D, Elmqvist T 2014. A quantitative review of urban ecosystem services assessment: concepts, models and implementation. *AMBIO* 43(4), 413–433. <https://doi.org/10.1007/s13280-014-0504-0>.
163. Voigt A, Kabisch N, Wurster D, Haase D, Breuste J 2014. Structural diversity as a key factor for the provision of recreational services in urban parks – a new and straightforward method for assessment. *AMBIO* 43(4), 480–491. <https://doi.org/10.1007/s13280-014-0508-9>.
164. Mascarenhas A, Ramos T B, Haase D, Santos R 2014. Integration of ecosystem services in spatial planning: a survey on regional planners' views. *Landscape Ecology*. <https://doi.org/10.1007/s10980-014-0012-4>.
165. Kabisch N, Haase D 2014. Just green or justice of green? Provision of urban green spaces in Berlin, Germany. *Landscape and Urban Planning* 122, 129– 139. <https://doi.org/10.1016/j.landurbplan.2013.11.016>.
166. Qureshi S, Haase D, and Coles R 2014. The Theorized Urban Gradient (TUG) method - a conceptual framework for socio-ecological sampling in complex urban agglomerations. *Ecological Indicators*, Vol. 36, pp: 100-110. <https://doi.org/10.1016/j.ecolind.2013.07.010>.
167. Nefs M, Alves S, Zazada I, Haase D 2014. Retirement Cities: Analysing the opportunities and challenges of a co-existence of ageing and urban shrinkage in Europe. *Env and Plan A* 45, 1455–1473. <https://doi.org/10.1068/a45302>.

168. Haase D, Kabisch N, Haase A 2013 Endless Urban Growth? On the Mismatch of Population, Household and Urban Land Area Growth and Its Effects on the Urban Debate. *PLoS ONE* 8(6): e66531. <https://doi.org/10.1371/journal.pone.0066531>.
169. Larondelle N, Haase D 2013. Urban ecosystem services assessment along a rural-urban gradient: a cross-analysis of European cities. *Ecological Indicators* 29, 179–190. <https://doi.org/10.1016/j.ecolind.2012.12.022>.
170. Kabisch N, Haase D 2012. Green space of European cities revisited for 1990-2006. *Landscape and Urban Planning* 110, 113-122. <http://dx.doi.org/10.1016/j.landurbplan.2012.10.017>.
171. Scheuer S, Haase D, Meyer V 2012. Towards a flood risk assessment ontology integrating a multicriteria flood risk assessment approach and local knowledge. *Computers, Environment and Urban Systems*. <http://dx.doi.org/10.1016/j.compenvurbsys.2012.07.007>.
172. Haase D, Schwarz N, Strohbach M, Kroll F 2012. Synergies, trade-offs and losses of ecosystem services in urban regions: An integrated framework applied to the Leipzig-Halle Region, Germany. *Ecology and Society* 17(3): 22. <http://dx.doi.org/10.5751/ES-04853-170322>.
173. Westerink J, Haase D, Bauer A, Ravetz J, Jarrige F, Aalbers C 2012. Expressions of the compact city paradigm in peri-urban planning across European city regions – how do planners deal with sustainability trade-offs? *European Planning Studies* 25, 1-25. <http://dx.doi.org/10.1080/09654313.2012.722927>.
174. Kabisch N, Haase D, Haase A 2012. Urban population development in Europe, 1991-2008: the examples of Poland and the UK. *International Journal of Urban and Regional Research* 36(6), 1326–48. <http://dx.doi.org/j.1468-2427.2012.01114.x>.
175. Seto K S, Reenberg A, Boone C C, Fragkias M, Haase D, Langanke T, Marcotullio P, Munroe D K, Olah B, Simon D 2012. Teleconnections and sustainability: New conceptualizations of global urbanization and land change. *PNAS*, [www.pnas.org/cgi/doi/10.1073/pnas.1117622109](http://www.pnas.org/cgi/doi/10.1073/pnas.1117622109).
176. Haase D, Kabisch N, Haase A, Kabisch S, Rink D 2012. Actors and factors in land use simulation - the challenge of urban shrinkage. *Environmental Modelling and Software* 35, 92-103. <https://doi.org/10.1016/j.envsoft.2012.02.012>.
177. Schwarz N, Kahlenberg D, Haase D, Seppelt R 2012. A generic framework for collaborative agent-based model development. *Journal of Artificial Societies and Social Simulation* 15 (2) 8. <http://jasss.soc.surrey.ac.uk/15/2/8.html>.
178. Larondelle N, Haase D 2012. Valuing post-mining landscapes using the ecosystem services approach – an example from Germany. *Ecological Indicators* 18, 567–574. <https://doi.org/10.1016/j.ecolind.2012.01.008>.
179. Haase D, Tötzer T 2012. Urban-rural linkages – Analysing, modelling and understanding drivers, pressures and impacts of land use changes along the rural-to-urban gradient. *Environment and Planning B* 39. <https://doi.org/10.1068/b3902ge>.
180. Lauf S, Haase D, Seppelt R, Schwarz N 2012. Simulating demography and housing demand in an urban region under scenarios of growth and shrinkage. *Environment and Planning B* 39, 229-246. <https://doi.org/10.1068/b36046t>.
181. Kroll F, Müller F, Haase D, Fohrer N 2012. Rural-urban gradient analysis of ecosystem services supply and demand dynamics. *Land Use Policy* 29(3), 521-535. <https://doi.org/10.1016/j.landusepol.2011.07.008>.
182. Strohbach M W, Arnold E, Haase D 2012. The carbon mitigation potential of urban restructuring – a life cycle analysis of green space development. *Landscape and Urban Planning* 104, 220– 229. <https://doi.org/10.1016/j.landurbplan.2011.10.013>.
183. Strohbach M W, Haase D 2012. Estimating the carbon stock of a city: a study from Leipzig, Germany. *Landscape and Urban Planning* 104, 95–104. <https://doi.org/10.1016/j.landurbplan.2011.10.001>.
184. Lauf S, Haase D, Kleinschmidt B, Hostert P, Lakes T 2012. Uncovering land use dynamics driven by human decision-making. A combined model approach using cellular automata and system dynamics. *Environmental Modelling and Software* 27-28, 71-82. <https://doi.org/10.1016/j.envsoft.2011.09.005>.

185. Schetke S, Haase D, Kötter T 2012. Innovative urban land development – a new methodological design for implementing ecological targets into strategic planning of the City of Essen, Germany. *Environmental Impact Assessment Review* 32, 195-210. <https://doi.org/10.1016/j.eiar.2011.08.008>.
186. Bastian O, Haase D, Grunewald K 2012. Ecosystem properties, potentials and services - the EPPS conceptual framework and an urban application example. *Ecological Indicators* 21, 7-16. <https://doi.org/10.1016/j.ecolind.2011.03.014>.
187. McIntosh BS, Ascough II GC, Twery M, Chew J, Elmahdi A, Haase D, Harou J, Hepting D, Cuddy S, Jakeman AJ, Chen S, Kassahun A, Lautenbach S, Matthews K, Merritt W, Quinn NWT, Rodriguez-Roda I, Sieber S, Stavenga M, Sulis A, Ticehurst J, Volk M, Wrobel M, Delden H, El-Sawah S 2011. Environmental Decision Support Systems (EDSS) Development – Challenges and Best Practices. *Environmental Modelling and Software* 26, 1389-1402. <https://doi.org/10.1016/j.envsoft.2011.09.009>.
188. Kabisch, N, Haase, D 2011. Diversifying European agglomerations: evidence of urban population trends for the 21st century. *Population, Space and Place* 17, 236–253. <https://doi.org/10.1002/psp.600>.
189. Haase D 2011. Participatory modelling of vulnerability and adaptive capacity in flood risk management. *Natural Hazards*. <https://doi.org/10.1007/s11069-010-9704-5>.
190. Scheuer S, Haase D, Meyer V 2011. Exploring multicriteria flood vulnerability by integrating the economic, ecologic and social dimensions of flood risk and coping capacity. *Natural Hazards*. <https://doi.org/10.1007/s11069-010-9666-7>.
191. Rall E D, Haase D 2011. Creative Intervention in a Dynamic City: a Sustainability Assessment of an Interim Use Strategy for Brownfields in Leipzig, Germany. *Landscape and Urban Planning* 100, 189–201. <https://doi.org/10.1016/j.landurbplan.2010.12.004>.
192. Haase D, Nuissl H 2010. Assessing the impacts of land use change on transforming regions. Editorial. *Land Use Science* 5(2), 67-72. <https://doi.org/10.1080/1747423X.2010.481079>.
193. Haase D, Nuissl H 2010. The urban-to-rural gradient of land use change and impervious cover: a long-term trajectory for the city of Leipzig. *Land Use Science* 5(2), 123-142. <https://doi.org/10.1080/1747423X.2010.481079>.
194. Schetke S, Haase D, Breuste J 2010. Green space functionality under conditions of uneven urban land use development. *Land Use Science* 5(2), 143-158. <https://doi.org/10.1080/1747423X.2010.481081>.
195. Schwarz N, Bauer A, Haase D 2011. Assessing climate impacts of local and regional planning policies - Quantification of impacts for Leipzig (Germany). *Environmental Impact Assessment Review* 31, 97-111. <https://doi.org/10.1016/j.eiar.2010.02.002>.
196. Haase D, Lautenbach S, Seppelt R 2010. Applying social science concepts: modelling and simulating residential mobility in a shrinking city. *Environmental Modelling and Software* 25, 1225-1240. <https://doi.org/10.1016/j.envsoft.2010.04.009>.
197. Schwarz N, Haase D, Seppelt R. 2010. Omnipresent sprawl? A review of urban simulation models with respect to urban shrinkage. *Environment and Planning B* 37, 265-283. <https://doi.org/10.1068/b35087>.
198. Kroll F, Haase D 2010. Does demographic change affect land use patterns? A case study from Germany. *Land Use Policy* 27, 726-737. <https://doi.org/10.1016/j.landusepol.2009.10.001>.
199. Kabisch N, Haase D, Haase A 2010. Evolving reurbanisation? Spatio-temporal dynamics exemplified at the eastern German city of Leipzig. *Urban Studies* 47(5) 967–990. <https://doi.org/10.1177/0042098009353072>.
200. Strohbach M, Haase D, Kabisch N 2009. Birds and the city - urban biodiversity, land-use and socioeconomics. *Ecology and Society* 14(2), 31. <http://www.ecologyandsociety.org/vol14/iss2/art31/>.
201. Kubal T, Haase D, Meyer V, Scheuer S 2009. Integrated urban flood risk assessment – transplanting a multicriteria approach developed for a river basin to a city. *Nat. Hazards Earth Syst. Sci.* 9, 1881-1895. <https://doi.org/10.5194/nhess-9-1881-2009>.

202. Sommer T, Karpf C, Ettrich N, Haase D, Weichel T, Peetz J V, Steckel B, Eulitz K, Ullrich K 2009. Coupled Modelling of Subsurface Water Flux for an Integrated Flood Risk Management. *Nat. Hazards Earth Syst. Sci.* 9, 1–14. <https://doi.org/10.5194/nhess-9-1277-2009>.
203. Haase D, Schwarz N 2009. Simulation models on human-nature interactions in urban landscapes – a review including system dynamics, cellular automata and agent-based approaches. *Living Reviews in Landscape Research* 3, 2.
204. Haase D, Gläser J 2009. Determinants of floodplain forest development illustrated by the example of the floodplain forest in the District of Leipzig. *Forest Ecol. Manage.* 258, 887-894, <https://doi.org/10.1016/j.foreco.2009.03.025>.
205. Haase D 2009. Effects of urbanisation on the water balance – a long-term trajectory. *Environment Impact Assessment Review* 29, 211-219. <https://doi.org/10.1016/j.eiar.2009.01.002>.
206. Meyer V, Haase D, Scheuer S 2009. Flood Risk Assessment in European River Basins - Concept, Methods and Challenges. *Integrated Environmental Assessment and Management* 5, 17-26. [https://doi.org/10.1897/IEAM\\_2008-031.1](https://doi.org/10.1897/IEAM_2008-031.1).
207. Nuissl H, Haase D, Wittmer H, Lanzendorf M 2009. Environmental impact assessment of urban land use transitions—A context-sensitive approach. *Land Use Policy* 26 (2), 414-424. <https://doi.org/10.1016/j.landusepol.2008.05.006>.
208. Krysanova V, H Buiteveld, D Haase, F F Hattermann, K Van Niekerk, K Roest, P Martínez-Santos, M Schlüter 2008. Practices and Lessons Learned in Coping with Climatic Hazards at the River-Basin Scale: Floods and Droughts. *Ecology and Society* 13 (2): 32. [online] URL: <http://www.ecologyandsociety.org/vol13/iss2/art32/>.
209. McIntosh B S, Giupponi C, Voinov A A, Smith C, Matthews K B, Monticino M, Kolkman M J, Crossman N, van Ittersum M, Haase D, Haase A, Mysiak J, Groot J C J, Sieber S, Verweij P, Quinn N, Waeger P, Gaber N, Hepting D, Scholten H, Sulis A, van Delden H, Gaddis E, Assaf H 2009. Bridging the gap: developing tools for environmental policy and management, In: Jakeman T, Rizzoli A, Voinov A, Chen (eds.) 2009. *State of the Art and Futures in Environmental Modelling and Software*, Elsevier.
210. Meyer V, Scheuer S, Haase D 2009. A multi-criteria approach for flood risk mapping exemplified at the Mulde river, Germany. *Natural Hazards* 48, 17–39. <https://doi.org/10.1007/s11069-008-9244-4>.
211. Schetke S, Haase D 2008. Multi-criteria assessment of socio-environmental aspects in shrinking cities. Experiences from Eastern Germany. *Environmental Impact Assessment Review* 28, 483-503. <https://doi.org/10.1016/j.eiar.2007.09.004>.
212. Haase D, Haase A, Bischoff P, Kabisch S 2008. Guidelines for the ‘Perfect Inner City’ Discussing the Appropriateness of Monitoring Approaches for Reurbanisation. *European Planning Studies* 16(8), 1075-1100, <https://doi.org/10.1080/09654310802315765>.
213. Haase D 2008. Urban ecology of shrinking cities: an unrecognised opportunity? *Nature and Culture* 3, 1-8. <https://doi.org/10.3167/nc.2008.030101>.
214. Banzhaf E, Kindler A, Haase D 2007. Monitoring, mapping and modelling urban decline: a multi-scale approach for Leipzig. *EARSel eProceedings* 6(2), 101-114.
215. Haase D, Haase G, Ruske R, Jäger K D, Altermann M 2007. Loess in Europe – spatial distribution in a scale 1:2,500,000, *Quart Sci Rev* 26, 1301-1312. <http://dx.doi.org/10.1016/j.quascirev.2007.02.003>.
216. Haase D, Nuissl H 2007. Does urban sprawl drive changes in the water balance and policy? The case of Leipzig (Germany) 1870-2003. *Landscape and Urban Planning* 80, 1-13. <https://doi.org/10.1016/j.landurbplan.2006.03.011>.
217. Haase D, Walz U, Neubert M, Rosenberg M 2007. Changes to Saxon landscapes - analysing historical maps to approach current environmental issues. *Land Use Policy* 24, 248-263. <https://doi.org/10.1016/j.landusepol.2005.09.003>.
218. Haase D, Frotscher K 2005. Topography data harmonisation and uncertainties for large and transboundary river basins applying SRTM, laser scanner and cartographic elevation models. *Advances in Geosciences* 5, 65-73. <https://doi.org/10.5194/adgeo-5-65-2005>.

219. Haase D 2004. Development and Perspectives of Landscape Ecology. *Landscape Ecology* 19, 567-569.
220. Haase D 2003. Holocene floodplains and their distribution in urban areas – functionality indicators for their retention potentials. *Landscape & Urban Planning* 66, 5-18.  
[https://doi.org/10.1016/S0169-2046\(03\)00071-9](https://doi.org/10.1016/S0169-2046(03)00071-9).
221. Haase D, Neumeister H 2001. Anthropogenic impact on fluvisols in German Floodplains. Ecological processes in soils and methods of investigation. *International Agrophysics* 15(1), 19-26.
222. Opp C, Haase D, Khakimov V 2001. Soils and soil degradation in the Tuvinian part of the Uvs-Noor Basin. *Polish Journal of Soil Science* 23(2), 71-80.
223. Haase D, Krüger A, Schneider B, Neumeister H 1999. The wood stock as one main stress factor for the geochemical processes in soils of flood plain forests. The example of the Weiße Elster-Pleiße floodplains, Germany, *Ekologia* 18, 25-30.
224. Haase D 1997. Urban ecology in the new federal countries of Germany. Contamination of upper soil and urban atmosphere with heavy metals in Leipzig. *Archive for Nature* 37, 1-11.

## Blogs

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1. Da Schio, Nicola, Dagmar Haase, Sebastian Scheuer, Corina Basnou, Clive Davies, Koos Fransen, Dennis Roitsch, Jiali Jin, Rik De Vreese. 2020. Stories on trees: Urban forests & Green space during Covid-19 pandemic. <http://clearinghouseproject.eu/category/blog/>.
2. Barton D, Haase D, Mascarenhas A, et al. 2020. Enabling access to greenspace during the covid-19 pandemic – perspectives from five cities. New York, NY: The Nature of Cities. <https://bit.ly/2XzJfAP>. Viewed 3 Jun 2020.  
<https://www.thenatureofcities.com/2020/05/04/enabling-access-to-greenspace-during-the-covid-19-pandemic-perspectives-from-five-cities/>.
3. Döhren P, Haase D 2019. Urban Ecosystem Disservices – das Beispiel der Berliner Straßenbäume. <https://www.esp-de.de/urban-ecosystem-disservices-das-beispiel-der-berliner-strassenbaeume/>.
4. Haase D, Dushkova D 2019. Naturbasierte Lösungen für Umweltprobleme in Städten – ein Anwendungsfall für die stringente Umsetzung von urbanen Ökosystemleistungen? <https://www.esp-de.de/naturbasierte-loesungen-fuer-umweltprobleme-in-staedten-ein-anwendungsfall-fuer-die-stringente-umsetzung-von-urbanen-oekosystemleistungen/>.
5. Haase D, Haase A, Rink D 2019. Ökosystemleistungen in schrumpfenden Städten: Optionen, Governance und Herausforderungen. <http://www.esp-de.de/oekosystemleistungen-in-schrumpfenden-staedten-optionen-governance-und-herausforderungen/>.
6. Haase D 2018. An ecology for the Anthropocene. The Nature of Cities, Global Roundtable. <https://www.thenatureofcities.com/2018/01/29/one-thing-every-ecologist-know-urban-ecology/>.
7. Haase D 2017. Are cities ecosystems—analogous to natural ones—of nature, infrastructure and people? Does thinking about cities in this way help us think about urban design and sustainability?, Global Roundtable. <https://www.thenatureofcities.com/2017/06/30/cities-ecosystems-analogous-natural-ones-nature-infrastructure-people-thinking-cities-way-help-us-think-urban-design/>.
8. Haase D 2016: Nature-based solutions for cities: A new tool for sustainable urban land development? <https://ugecviewpoints.wordpress.com/2016/05/17/nature-based-solutions-for-cities-a-new-tool-for-sustainable-urban-land-development/>.
9. Haase D 2017: Urbaner Doppelpass – Ökosystemdienstleistungen zum Schutz von Natur und menschlicher Gesundheit. <http://www.esp-de.de/urbaner-doppelpass-oekosystemdienstleistungen-zum-schutz-von-natur-und-menschlicher-gesundheit/>.
10. Rall E, Haase D 2017: Kulturelle Ökosystemleistungen in der Stadt im Fokus: räumliche Muster von Wahrnehmung, Werten und Nutzen. <http://www.esp-de.de/kulturellen-oekosystemleistungen-in-der-stadt-im-fokus-raeumliche-muster-von-wahrnehmung-werten-und-nutzen/>.



11. Haase D, Haase A, Dankowska A 2017: Kleinod, Rückzugsraum und Open Space oder einfach nur „Urbane Gärten“. Ein großes Potenzial für urban Ökosystemdienstleistungen für alle, aber aktuell in Gefahr. <http://www.esp-de.de/kleinod-rueckzugsraum-und-open-space-oder-einfach-nur-urbane-gaerten-ein-grosses-potenzial-fuer-urban-oekosystemdienstleistungen-fuer-alle-aber-aktuell-in-gefahr/>.
12. Haase A, Haase D, Kabisch S 2017: Grüne Stadt für alle? Zu aktuellen Herausforderungen von Stadtgrüngestaltung und sozialverträglicher Entwicklung. <http://www.esp-de.de/gruene-stadt-fuer-alle-zu-aktuellen-herausforderungen-von-stadtgruengestaltung-und-sozialvertraeglicher-entwicklung-2/>.

## Books and Book Chapters

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1. Dushkova D, Haase D. 2022. Resilient cities, healthy communities and sustainable future: How do nature-based solutions contribute? Handbook of Social Sciences and Global Public Health.
2. Haase D. 2021. The Effects of Greening Cities on Climate Change Mitigation and Adaptation. In: Lackner M., Sajjadi B., Chen WY. (eds) Handbook of Climate Change Mitigation and Adaptation. Springer, New York, NY. [https://doi.org/10.1007/978-1-4614-6431-0\\_120-1](https://doi.org/10.1007/978-1-4614-6431-0_120-1).
3. Haase D. 2021. Capacity building through international collaborations for nature in cities and urban green infrastructure. In: The Routledge Handbook of Urban Ecology. Edited By Ian Douglas, P M L Anderson, David Goode, Michael C. Houck, David Maddox, Harini Nagendra, Puay Yok Tan. Routledge London, section 65.
4. Haase D. 2021. Folgen der Anpassung an den Klimawandel. In: Beiträge zur städtebaulichen Denkmalspflege 10, 26-31.
5. Haase D. 2020. The Effects of Greening Cities on Climate Change Mitigation and Adaptation. M. Lackner, B. Sajjadi, Wei-Yin Chen (eds.). Handbook of Climate Change Mitigation and Adaptation. Springer Heidelberg. In press.
6. Haase D. 2020. Integrating Ecosystem Services, Green Infrastructure and Nature-Based Solutions—New Perspectives in Sustainable Urban Land Management. Combining Knowledge About Urban Nature for Action. In: T. Weith et al. (eds.), Sustainable Land Management in a European Context, Human-Environment Interactions 8, [https://doi.org/10.1007/978-3-030-50841-8\\_16](https://doi.org/10.1007/978-3-030-50841-8_16). pp. 305-318.
7. Haase D, Pauleit S, Randrup T. 2020. Urban open spaces and the urban matrix. Elements, form and functions. In: Jansson M, Randrup T (eds). Urban Open Space Governance and Management. Routledge London. Pp. 31-51.
8. Haase, D. 2019. Urban telecouplings. In: C. Friis, J. Ø. Nielsen (eds.), Telecoupling, Palgrave Studies in Natural Resource Management, [https://doi.org/10.1007/978-3-030-11105-2\\_14](https://doi.org/10.1007/978-3-030-11105-2_14).
9. Haase D, Haase A, Dushkova D and J Kronenberg 2019. Green infrastructure in post-socialist cities. Evidence and experiences from Eastern Germany, Poland and Russia. Tauri Tuvikene, Wladimir Sgibnev, Carola S. Neugebauer (eds): Post-Socialist Urban Infrastructures, pp 105-124. Taylor & Francis, <https://doi.org/10.4324/9781351190350>.
10. Haase D 2019. The Rural-to-Urban Gradient and Ecosystem Services. In: Schröter M., Bonn A., Klotz S., Seppelt R., Baessler C. (eds) Atlas of Ecosystem Services. Springer, Cham. [https://doi.org/10.1007/978-3-319-96229-0\\_23](https://doi.org/10.1007/978-3-319-96229-0_23).
11. Haase D, Haase A, Rink D, Quanz J 2019. Shrinking Cities and Ecosystem Services: Opportunities, Planning, Challenges, and Risks. In: Schröter M., Bonn A., Klotz S., Seppelt R., Baessler C. (eds) Atlas of Ecosystem Services. Springer, Cham. [https://doi.org/10.1007/978-3-319-96229-0\\_42](https://doi.org/10.1007/978-3-319-96229-0_42).
12. McDonald Robert I., M'Lisa Colbert, Maike Hamann, Rohan Simkin, Brenna Walsh, Fernando Ascensão, Melissa Barton, Katie Crossman, Misty Edgecomb, Thomas Elmqvist, Andrew Gonzalez, Burak Guneralp, Dagmar Haase, Oliver Hillel, Kangning Huang, David Maddox, Andressa Mansur, Joel Paque, Henrique Miguel Pereira, Jennifer Rae Pierce, Richard Weller, Karen Seto, Mika Mei Jia Tan, Carly Ziter, Becky Chaplin-Kramer, Kytt MacManus, Richard Sharp. 2018. Nature in the Urban Century – A global assessment of where and how to conserve nature for biodiversity and human wellbeing. The Nature Conservancy.

[https://www.nature.org/content/dam/tnc/nature/en/documents/TNC\\_NatureintheUrbanCentury\\_FullReport.pdf](https://www.nature.org/content/dam/tnc/nature/en/documents/TNC_NatureintheUrbanCentury_FullReport.pdf)

13. Haase D. 2018. Die Grüne Stadt. In: Rink D, Haase A (eds). *Handbuch Stadtkonzepte*. UTB Verlag Barbara Budrich Leverkusen-Opladen, pp 151-168.
14. De la Cruz Isabel, Alec Thornton and Dagmar Haase 2019. Smart food cities on the menu? Integrating urban food systems into smart city policy making. In Thornton, A. (Ed) *Urban Food Democracy and Governance in North and South*. International Political Economy Series. Palgrave MacMillan. <https://doi.org/10.1007/978-3-030-17187-2>.
15. Haase D, Burak Güneralp, Xuemei Bai, Thomas Elmqvist, Bharat Dahiya, Michail Fragkias and Kevin Gurney 2018. Different pathways of global urbanization. Thomas Elmqvist, Xuemei Bai, Niki Frantzeskaki, Corrie Griffith, David Maddox, Timon McPhearson, Susan Parnell, Debra Roberts, Patricia Romero Lankao, and David Simon (Eds) *The Urban Planet: Patterns and Pathways to the Cities We Want*. Cambridge University Press.
16. Haase D, Haase A, Rink D 2017. Change and persistency: understanding social-ecological transition in a post-socialist city – the example of Leipzig, Germany. In: Niki Frantzeskaki, Lars Coenen, Vanessa Castan Broto, Derk Loorbach (Eds.). *Urban Sustainability Transitions*, pp. 257-271 Routledge.
17. Haase D 2017 Urban wetlands and riparian forests as a nature-based solution for climate change mitigation and adaptation in cities and their surroundings. Nadja Kabisch, Aletta Bonn, Horst Korn, Jutta Stadler (Editors) *Nature-based Solutions to Climate Change in Urban Areas-Linkages of science, society and policy*. Springer. pp 111-122.
18. Breuste J, Pauleit S, Haase D, Sauerwein M 2016. *Stadtökosysteme. Funktion, Management und Entwicklung*. Springer.
19. Knapp S, Haase D, Schwarz N, Klotz S 2016 Can we enhance ecosystem services by protecting biodiversity in urban areas or do we just hope it is that easy? Sigrun Kabisch, Florian Koch, Eric Gawel, Annegret Haase, Sonja Knapp, Kerstin Krellenberg, Jaime Nivala, Andreas Zehndorf (Eds). *Urban Transformations: Sustainable urban development towards resource efficiency, quality of life and resilience*. Springer.
20. Haase D, Schwarz N 2016 Urban land use in the context of global land use. Karen C. Seto, William D. Solecki and Corrie Griffith (eds). *The Routledge Handbook of urbanization and global environmental change*. Routledge Taylor & Francis, London New York, pp 50-63.
21. Haase D 2015. Urban Ecosystem Services: Leipzig as a Case Study. In: Grunewald K, Bastian O. (eds.): *Ecosystem Services – Concept, Methods and Case Studies*. Springer Spektrum Heidelberg, pp. 216-223.
22. Ali I, Qureshi S, Haase D 2015. A hybrid approach integrating 3D city models, remotely sensed SAR data and interval-valued fuzzy soft set based decision making for post disaster mapping of urban areas. *Springer Lecture Notes in Geoinformation and Cartography*.
23. Elmqvist T, Fragkias M, Goodness J, Güneralp B, McDonald R, Marcotullio P, Parnell S, Schewenius M, Sendstad M, Seto K, Wilkinson C, Alberti M, Folke C, Haase D, Katti M, Niemelä J, Tidball K, Nagendra H, Pickett S, Redman C 2013. Stewardship of the Biosphere in the Urban Europe. In: Thomas Elmqvist, Michail Fragkias, Burak Güneralp et al. (eds) *Global Urbanisation, Biodiversity and Ecosystem Services: Challenges and Opportunities*. Springer.
24. Kronenberg J, Tezer A, Haase D 2013. Regional assessment of Europe. In: Thomas Elmqvist, Michail Fragkias, Burak Güneralp et al. (eds) *Global Urbanisation, Biodiversity and Ecosystem Services: Challenges and Opportunities*. Springer, pp 275-278.
25. Haase D, 2013. Shrinking cities, biodiversity and ecosystem services. In: Thomas Elmqvist, Michail Fragkias, Burak Güneralp et al. (eds) *Global Urbanisation, Biodiversity and Ecosystem Services: Challenges and Opportunities*. Springer, pp 253-274.
26. Boone C, Redman C L, Blanco H, Haase D, Koch J, Lwasa S, Nagendra H, Pauleit S, Pickett S T A, Seto K C, Yokohari M 2014 Reconceptualizing Urban Land Use. In: Seto K, A Reenberg, eds. *Rethinking Global Land Use in an Urban Era*. Strüngmann Forum Reports, vol. 14, Julia Lupp, series editor. Cambridge, MA: MIT Press.

27. Haase D 2014. The Nature of Urban Land Use and Why It Is a Special Case. In: Seto K, A Reenberg, eds. *Rethinking Global Land Use in an Urban Era*. Strüngmann Forum Reports, vol. 14, Julia Lupp, series editor. Cambridge, MA: MIT Press.
28. Loftness V, Haase D 2013 *Sustainable Built Environments*. Springer New York.
29. Haase D 2013 Introduction, Landscapes. *Encyclopedia of Sustainability Science and Technology*. Springer New York.
30. Haase D 2013 Processes and Impacts of Urban Shrinkage and Response by Planning. *Encyclopedia of Sustainability Science and Technology*. Springer New York.
31. Breuste J, Haase D, Elmquist T 2013 *Urban Landscapes and Ecosystem Services*. Harpinder Sandhu, Steve Wratten, Ross Cullen and Robert Costanza (Editors) *Ecosystem Services in Agricultural and Urban Landscapes*. John Wiley & Sons, Ltd. Published, pp 83-104.
32. Schetke S, Kötter T Haase D 2012 Socio-environmental impacts of new housing development at infill and greenfield sites – methodical design for a multicriteria assessment. In: Piro R, Ganser R (eds) *Urban fringe and rural development patterns of growth and decline - Challenges for Spatial Planning and Sustainable Development*, Ashgate, London, pp 207-224.
33. Scheuer S, Haase D, Meyer V 2012. Spatial explicit multi-criteria flood risk – fundamentals and semantics of multicriteria flood risk assessment. In: Wong, T.S.W. (ed), *Flood risk and flood management*. Nova Science Publishers, Inc.
34. Haase D 2012. Urbane Ökosystemdienstleistungen – das Beispiel Leipzig. In: Grunewald K, Bastian O. (Hrsg.): *Ökosystemdienstleistungen - Konzept, Methoden und Fallbeispiele*. Springer Spektrum Verlag, Heidelberg, pp. 232-239.
35. Haase D et al. 2013. Tools for Modelling and Assessing Peri-Urban Land Use Futures. In: Nilsson K, Pauleit S, Bell S, Aalbers C, Sick Nielsen Th A (Eds.). *Peri-urban futures: Scenarios and models for land use change in Europe*. Springer, pp 69-90.
36. Bauer A, Röhl D, Haase D, Schwarz N 2013. Ecosystem services in a stagnating urban region in Eastern Germany. In: Nilsson K, Pauleit S, Bell S, Aalbers C, Sick Nielsen Th A (Eds.). *Peri-urban futures: Scenarios and models for land use change in Europe*. Springer, pp 209-240.
37. Strohbach M W, Arnold E, Vollrodt S, Haase D 2011 Carbon sequestration in shrinking cities – potential or a drop in the ocean? In: Rauch S, Morrison G M (Eds.) *Urban Environment*. Springer, pp 61-70.
38. Haase D 2011 Urbane Ökosysteme IV-1.1.4. *Handbuch der Umweltwissenschaften*. VCH Wiley.
39. Haase D, Schetke S 2010. Potential of biodiversity and recreation in shrinking cities: contextualisation and operationalisation. In: Müller N, Werner P, Kelcey JG (eds) *Urban Biodiversity and Design*. Blackwell Academic Publishing "Conservation Science and Practice Series" No.7, pp 518-538.
40. Haase D, Kuptsova S, Iaroshevitch A, Nabyvanets Y, Rebryk S, Smalko P 2010. The Tisza River Basin. In: Mysiak, J. et al. (eds.) *Guidebook for the Adaptive Water Resource Management*. Earthscan. London, Sterling. pp 129-142.
41. Sendzimir J, Magnuszewski P, Barreteau O, Ferrand N, Daniell K, Haase D 2010. Participatory Modeling. In: Mysiak, J. et al. (eds.) *Guidebook for the Adaptive Water Resource Management*. Earthscan. London, Sterling. pp 39-42.
42. Meyer V, Haase D, Scheuer S 2009. A multicriteria flood risk assessment and mapping approach. In: Samuels, P. et al. (eds). *Flood Risk Management Research and Practice*. Taylor & Francis, pp. 1687-1693.
43. Haase D, Hirt U, Klauer B, Petry D, Rosenberg M, Rode M, Schiller J, Volk M, Wagenschein D 2008. Die Weiße Elster als Fallbeispiel. In: Klauer, B, Petry, D, Rode, M (Hrsg). *Flussgebietsmanagement nach EU-Wasserrahmenrichtlinie. Entscheidungsunterstützung für die Aufstellung von Maßnahmen-programmen illustriert am Beispiel der Weißen Elster*, Metropolis, S. 47-59.
44. Haase D, Haase A 2007. Do European social science data serve to feed agent-based simulation models on residential mobility in shrinking cities? Grözing, G., Matiaske, W., Spieß, K. (eds.) *Europe and its Regions. The usage of European Regionalised Social Science Data*. Cambridge Scholar Publishing, pp. 227-250.

45. Haase D, Seppelt R, Haase A 2007. Land use impacts of demographic change – lessons from eastern German urban regions. Petrosillo I, Müller F, Jones K B, Zurlini G, Krauze K, Victorov S, Li B L, Kepner W G (eds) *Use of Landscape Sciences for the Assessment of Environmental Security*. Springer, pp. 329-344.
46. Haase D, Holzkämper A, Seppelt R 2006. Beyond growth? Decline of the urban fabric in Eastern Germany. A spatially explicit model approach to predict residential vacancy and demolition priorities. In: Koomen E, Stillwell J, Bakema A, Scholten H (eds). *Modelling Land Use Change*. Springer Dordrecht, pp. 339-353.
47. Haase D 2005. Basis der Stadtentwicklung – Leipzigs Böden. In: Schmidt H, Mayer G, Wiktorin D, Tzschaschel S, Blenck J (Hrsg) *Der Leipzig Atlas*, Emons Verlag, S. 28-29.
48. Haase D, Magnucki K 2005. Immer weiter wachsend ...? Zur Entwicklung Leipzigs seit 1870. In: Schmidt H, Mayer G, Wiktorin D, Tzschaschel S, Blenck J (Hrsg) *Der Leipzig Atlas*, Emons Verlag, S. 12-15.
49. Haase D 2005. Land use and land cover change in the urban and peri-urban area of Leipzig, Eastern Germany, since 1870. Himiyama, Y., Mather, A., Bicik, I., Milanova, E.V. (eds) *Land Use/Cover Changes in Selected Regions of the World*, Vol. IV, pp. 33-42.
50. Lorz C, Haase D 2004. Wasser und Stoffhaushalt in Einzugsgebieten. Reihe GeoUmweltWissenschaften, Springer.
51. Haase D, Magnucki K, Frühauf M 2004. Zum Verlust von Bodenfunktionen durch Siedlungserweiterungen und Oberflächenversiegelung in den Stadtgebieten von Halle und Leipzig, Wichmann, S. 161-178.
52. Haase D, Haase A, Spott O, Linde L, Weichel T 2003. Current environmental and social degradation phenomena of the Kolla region in the arid Andes of Northwestern Argentina. - In: Jha, V.C. (Ed.). *Land degradation and desertification*, RAWAT publications, Jaipur, New Delhi, pp 41-69.
53. Haase D, Thormann D, Rosenberg M, Volk M 2003. GIS-gestützte Erfassung und Bewertung des Landnutzungswandels unter Berücksichtigung ausgewählter Landschaftsfunktionen - dargestellt am Beispiel der Messtischblätter Taucha, Oelsnitz (Sachsen) und Querfurt (Sachsen-Anhalt). In: Wollkopf, H.-F. & R. Diemann (Hrsg.). *Historische Landnutzung im thüringisch-sächsisch-anhaltinischen Raum*, Frankfurt a. M., S. 124-137.
54. Haase G, Haase D 2002. Approaches and methods of landscape diagnosis. In: Bastian, O., Steinhardt, U. & Z. Naveh (eds). *Development and Perspectives of Landscape Ecology*, Kluwer, pp.113-122.
55. Haase D, Schneider B, Neumeister H 2000. Stoffeintrag und Stoffdynamik künstlicher Flutungsgebiete in bewaldeten Auen - das Beispiel Weiße-Elster-Aue in Leipzig. In: Friese, K., Witter, B., Kirschner, K. (Hrsg.). *Stoffhaushalt von Auenökosystemen*, Springer Heidelberg Berlin, S. 279-288.
56. Haase D 1999. Beiträge zur Geoökosystemanalyse in Auenlandschaften - Säurestatus und Pufferfunktion der Waldböden in den Leipziger Flußauen. Dissertation, Fakultät für Physik und Geowissenschaften der Universität Leipzig; UFZ-Bericht Nr. 19/1999, Leipzig.