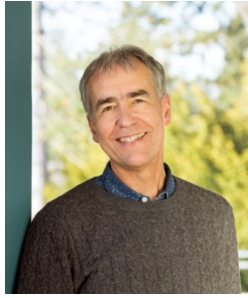


CURRICULUM VITAE



Prof. Dr. Stephan PAULEIT

Present Appointment	Professor for Strategic Landscape Planning and Management, Munich Technical University.
Date of Birth	20 October 1960
Nationality	German
Education	
1994-1998	PhD (Dr.-Ing.) Das Umweltwirkgefüge städtischer Siedlungsstrukturen: Darstellung des städtischen Ökosystems durch eine Strukturtypenkartierung zur Bestimmung von Umweltqualitätszielen für die Stadtplanung (Assessing the Environmental Performance of Urban Morphology Types for Environmental Planning), 1998. Supervisors: Prof. Dr. W. Haber (Landscape Ecology), Prof. Dr. G. Albers (Urban and Regional Planning), Prof. Dr. H. Faßmann (Geoinformatics).
1981-1987	MSc. (Dipl.-Ing.) in Landscape Planning & Landscape Architecture, Munich Technical University, 1987.
1971-1980	Chiemgau-Gymnasium (Grammar School), Traunstein.
1967-1970	Grundschule (Primary School), Chieming.
National Service	Traunsteiner Werkstätten GmbH, Lebenshilfe e.V., Traunreut, 1980-1981.
Language skills:	German (mother tongue); English (excellent in speaking & good in writing), Danish (good in speaking & writing), French (good in speaking & writing), Spanish (basic).

Synopsis	<p>Professor Stephan Pauleit, PhD, leads the Chair for Strategic Landscape Planning and Management at Munich Technical University since Sept. 1, 2009. Prior, he held positions at Wye College, Kent, UK, at the University of Manchester, and at the University of Copenhagen.</p> <p>Stephan Pauleit is an expert in landscape planning and urban ecology with emphasis on city regions. He has developed a special interest in green infrastructure planning, adaptation strategies to climate change in the urban environment, and urban forestry.</p> <p>Recent projects include: GREEN SURGE “Green Infrastructure and Urban Biodiversity for Sustainable Urban Development and the Green Economy”; Los_Dama! EU Interreg project on peri-urban green infrastructure; “Future Green Cities: Climate resilient neighbourhoods in a growing city”; CLUVA “Climate Change and Urban Vulnerability in Africa”; PHUSICOS – “According to Nature – Large-scale demonstrators on nature-based solutions for hydro-meteorological risk reduction”. He is the present director of the “Centre for Urban Ecology and Climate Change Adaptation” at the Technical University of Munich where he has co-led “Climate protection and Urban Green Infrastructure” and “Climate Experience Würzburg”.</p>
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Professional History

From Sept. 1, 2009	Professor in Strategic Landscape Planning and Management at the School of Life Sciences, Munich Technical University.
2016/07 – 2017/10	part-time Professor at the University of Copenhagen , Department of Geosciences and Natural Resource Management, to lead the GREEN SURGE project in its final year.
2004 -2009:	Professor in Landscape Planning at the Centre for Forest, Landscape and Planning, The University of Copenhagen. Teaching <i>Urban Ecosystems: Structures, Functions & Designs</i> and <i>Planting Design and Landscape Technology</i> .
2000 -2004:	Lecturer in Landscape Planning and Management at the University of Manchester . Teaching <i>Landscape Ecology</i> , <i>European Landscape Frameworks</i> , and <i>IT & the Environment</i> . Member of the <i>Centre for Urban and Regional Ecology (CURE)</i> - Leading the Landscape Impacts and Futures research area.
1999:	Temporary Lecturer at Wye College, Kent . Teaching <i>Landscape Management</i> , <i>Landscape Assessment</i> and <i>Landscape Conservation</i> .
1987-1998:	Research and Teaching Associate at the Munich Technical University . Project based teaching in <i>Landscape Planning</i> and <i>Planting Design</i> .
1987 to present:	Consultancy work for Landscape architect I. Burkhardt, BDLA, München, Dr. G. Bartholmai, Freising; Consultancy B. Mehrens, BDLA, Koblenz, Landscape architect Leitzmann, BDLA, München.

Research and Development Projects & Consultancy:

2020-	CONeXUS - CO-producing Nature-based solutions and restored Ecosystems: transdisciplinary neXus for Urban Sustainability , EU Horizon 2020
2020-	CUT - Impact of trees on the urban microclimate under climate change: Mechanisms and ecosystem services of urban tree species in temperate, Mediterranean and arid major cities , Deutsche Forschungsgemeinschaft (DFG)
2020-	Nachverdichtung im Kontext des Klimawandels (Urban densification in the context of climate change), Bavarian Ministry of Environment and Consumer Protection
2020-	KlimaKübelBäume (ClimatePotTrees), Bavarian Ministry of Environment and Consumer Protection
2019-	Leistungen von Stadtgrün an öffentlichen Plätzen in München (Services of urban green on public squares), Bavarian Ministry of Environment and Consumer Protection
2018-	PHUSICOS – “According to Nature – Large-scale demonstrators on nature-based solutions for hydro-meteorological risk reduction” , EU Horizon 2020
2017-	Klimaerlebnis Würzburg (Climate Experience Würzburg). Bavarian Ministry of the Environment and Consumer Protection.
2017-	Grüne Stadt der Zukunft - Klimaresiliente Quartiere in einer wachsenden Stadt (Future Green Cities: Climate resilient neighbourhoods in a growing city). BMBF, German Federal Ministry of Education and Research.
2017-2019:	Los_Dama! EU Interreg Alpine Space project on peri-urban green infrastructure.
2016-2017:	GreenInfra – Grüne Infrastruktur im Urbanen Raum: Grundlagen und Umsetzung in der integrierten Stadtentwicklung (Green Infrastructure in

- Urban Areas). German Federal Agency for Nature Conservation, Bonn. Project coordinator, collaborative project with TU Berlin & bgmr, Berlin.
- 2013-2018: **NEXUS The Nexus of Water, Food and Energy.** German Academic Exchange Service to TUM to develop a study programme, including African partner universities in Ethiopia and Tanzania.
- 2013-2017: **GREEN SURGE—Green Infrastructure and Urban Biodiversity for Sustainable Urban Development and the Green Economy.** EU FP7 integrated project from October 2013, Coordinator of WP5: Green infrastructure planning until 06/2016, overall project co-ordinator since 07/2016.
- 2013-2017: **Stadtwald 2050 (Urban Forest 2050).** Bavarian Agency for Woodland and Forestry Research and the Bavarian Ministry of Food, Agriculture and Forestry. Project coordinator.
- 2013-2016: **Stadtbäume im Klimawandel: Wuchsverhalten, Umweltleistungen und Perspektiven** (Urban trees in a changing climate: growth behavior, environmental services and perspectives). Bavarian Ministry of the Environment and Consumer Protection. Contribution to assessment of environmental services of urban trees.
- 2013- **Zentrum für Stadtnatur und Klimawandel (Centre for Urban Ecology and Integrated Climate Change Adaptation)** Bavarian Ministry of Health and The Environment. Co-leader of the Centre.
- 2013: **Klimapark in München (Climate Park in Munich).** Awarded by BUND München. Work packages on climate modeling and assessment and environmental education.
- 2012-2015: **URBES (Urban Biodiversity and Ecosystem Services).** ERA-net Project within the Biodiversa Programme. Coordinator of the Chair's contribution to the project to develop methods for valuation of cultural ecosystem services and strategies for a multifunctional greeninfrastructure
- 2012 – 2013: **Climatic assessment of green space at Salzsenderweg,** Munich. City of Munich.
- 2011-2013: **UFT-ADI - Urban fabric types and microclimate response - assessment and design improvement.** Austrian Climate and Energy Fund of the Federal State. Contribution to workpackage 2: Urban fabric typologies.
- 2011-2012: **Brachflächen im Spannungsfeld von (baulicher) Nachnutzung und Naturschutz** (Wastelands in the conflict between urban reuse and nature conservation, Bundesamt für Naturschutz (German Federal Agency for Nature Conservation). Project coordinator.
- 2010-2013: **CLUVA Climate Change and Urban Vulnerability in Africa** EU FP7 integrated project from December 2010, Coordinator of WP 2: Vulnerability and Risk Assessment.
- 2007-2011: **PLUREL Strategies for sustainable land use relationships between urban, peri-urban and rural land uses in urban regions.** EU FP6 integrated project, led by the Centre for Forest and Landscape. Coordinator of Module 5: *Instruments and Tools*.
- 2007-2009: **2BG - Black, Blue and Green** – Integrated infrastructure planning as key to sustainable urban water systems, 2007 – 2010. Danish Research Council. Work package leader on urban green structure.
- 2008: **Climate Change and Urban Development**– Awarded by the University of Copenhagen to organise an international conference, a workshop and a research proposal.
- 2007: **Ökologische Stadterneuerung durch Anlage urbaner Waldflächen auf innerstädtischen Flächen im Nutzungswandel (Urban Woodlands as a Tool for Ecological Urban Renewal).** Research and Development Project, awarded by Bundesamt für Naturschutz to City of Leipzig and I. Burkhardt, Landscape Architects. Consultant on Ecological functions of urban woodlands and woodland design.
- 2006: **Bhutan: Collaboration on Human Capacity Development in Urban Planning and Urban Greening.** Feasibility study for cooperation within

- the programme of the Danish Development Aid (DANIDA).
- 2006-2007: **Asia ProEco: Developing Policy Formulation and Implementation Tools for Providing Support for Ecological Forest Management in China's Urban and Peri-Urban Areas.** EU project to promote scientific and technological exchange between China and Europe. Workshops and State-of-the-art reports.
- 2002-2006: **ASCCUE – Adaptation Strategies to Climate Change in the Urban Environment.** EPSRC; led by CURE, The University of Manchester. Co-leader of the work package *Urban greenspace and climate change*.
- 2004: **An ecological approach to greenstructure planning** – A comparative study of European cities and towns undertaken by COST Action C11 'Greenstructure and Urban Planning'. Leader of working group on *Ecology*.
- 2003: **Synia.** Planning of a new industrial area and new town at Hangzhou Gulf (China). Ecological consultant for L.arch. Irene Burkhardt, Munich (2003).
- 2003: **Accessible Natural Greenspace Standards** - A review and development of a tool-kit. English Nature, awarded 2001; Countryside Council for Wales, awarded 2002. Project officer.
- 2002: **Sustainable Development in the Countryside around Towns.** Countryside Agency; Contribution on landscape ecology and landscape planning.
- 2001-2002: **Developing a spatially integrative approach to assess the ecological performance of urban morphology types in Merseyside as a tool for urban environmental planning.** University Research Support Fund, University of Manchester, awarded 2001. Project leader.
- 2000-2001: **Tree selection and establishment practices - A European survey.** COST Action E12 'Urban Forests and Trees', WG 2 'Tree selection and establishment'. Project co-ordination.
- 2000: **Planting plan for plant geographical areas of the new Botanical Garden in Merano.** Revision of plans for woodland communities of the temperate and Mediterranean regions. Province of South Tyrolia. Landscape Architect Irene Burkhardt, Freising, Consultant.
- 2000: **Methodische Vorgaben für Biotopverbundsysteme im besiedelten Bereich** (Methods and criteria for designing urban habitat networks), Environmental Protection Agency Rheinland-Pfalz, Contribution for Consultancy Dipl. Ing. B. Mehrens; BDLA, Koblenz.
- 1990-1998: **Assessing the environmental performance of land cover types for environmental planning:** City of Munich, Department of Environment. Principal investigator.
- 1993-1994: **ECODATA:** Development of an environmental information system for regional tourism planning. European Union, DG XIII. Contractors: IPK München, Consultancy for tourism planning and Burkhardt and Duhme, Landscape Practice. Member of research team.
- 1992: **Environmental impacts of high-rise buildings:** Literature review (in German). Study for the City of Munich, Department of Environment. Member of research team. Contribution on ecological impacts of high rise developments.
- 1992: **Quantitative targets for nature conservation in Pfaffenhofen, Bavaria:** A methodology for regional conservation planning. Contribution to a desk study, led by Dr. F. Duhme
- 1992: **Amenity tree protection in Germany.** Department of the Environment, UK. Study for the University of Sheffield, desk study.
- 1990: **Environmental Quality Atlas for the City of Munich:** Member of the steering group, commissioned by the City of Munich, Department of Environment.
- 1989: **Umweltverträglichkeitsstudie Marienhof** (Ecological Impact Assessment for the Redesign of an Urban Greenspace). City of Munich. Member of research team.
- 1988: **Assessment of the tree stock and proposal for its regeneration for the**

master plan of Bayernwerke AG, Karlsfeld. Study for Landscape Architect Dr. G. Bartholmai. Consultant.

1987 – 1990:

Landscape Ecological Masterplan for the City of Munich: A Nature conservation programme for the City of Munich. Principal investigator.

1985 – 1993:

Vitality survey of street trees in the City of Munich: Annually repeated survey of more than 2000 trees. Statistical analysis and evaluation of causes for damage and decline of street trees. Principal investigator.

Publications:

Scientific journals (Peer reviewed):

1. Rahman M.A., Dervishi V., Moser-Reischl A., Ludwig F., Pretzsch H., Rötzer T., Pauleit S., 2021. *Comparative analysis of shade and underlying surfaces on cooling effect*. Urban Forestry & Urban Greening 63: 127223, <https://doi.org/10.1016/j.ufug.2021.127223>
2. Pretzsch H., Moser-Reischl A., Rahman M., Pauleit S., Rötzer T., 2021. *Towards sustainable management of the stock and ecosystem services of urban trees. From theory to model and application*. Trees, published online 18-03-2021, <https://doi.org/10.1007/s00468-021-02100-3>
3. Rosenberger L., Leandro J., Pauleit S., Erlwein S., 2021. *Sustainable stormwater management under the impact of climate change and urban densification*. Journal of Hydrology 596, 126137, <https://doi.org/10.1016/j.jhydrol.2021.126137>
4. Lupp G., Zingraff-Hamed A., Huang J.J., Oen A., Pauleit S., 2021. *Living Labs—A Concept for Co-Designing Nature-Based Solutions*. Sustainability 13: 188. <https://dx.doi.org/10.3390/su13010188>
5. Erlwein S., Pauleit S., 2021. *Trade-Offs between Urban Green Space and Densification: Balancing Outdoor Thermal Comfort, Mobility, and Housing Demand*. Urban Planning 6(1): 5-19. <https://doi.org/10.17645/up.v6i1.3481>
6. Rötzer T., Moser-Reischl A., Rahman M.A., Grote R., Pauleit S., Pretzsch H., 2020. *Modelling Urban Tree Growth and Ecosystem Services: Review and Perspectives*. Progress in Botany. Springer, Berlin, Heidelberg. https://doi.org/10.1007/124_2020_46
7. Zingraff-Hamed A., Hüesker F., Lupp G., Begg C., Huang J., Oen A., Vojinovic Z., Kuhlicke C., Pauleit S., 2020. *Stakeholder Mapping to Co-Create Nature-Based Solutions: Who Is on Board?* Sustainability 12, 8625. <https://www.doi.org/10.3390/su12208625>
8. Pace R., De Fino F., Rahman M.A., Pauleit S., Nowak D.J., Grote R., 2021. *A single tree model to consistently simulate cooling, shading, and pollution uptake of urban trees*. International Journal of Biometeorology 65: 277–289, <https://doi.org/10.1007/s00484-020-02030-8>
9. Tzoulas K., Galan J., Venn S., Dennis M., Pedroli B., Mishra H., Haase D., Pauleit S., Niemelä J., James P., 2020. *A conceptual model of the social–ecological system of nature-based solutions in urban environments*. Ambio, online first, <https://doi.org/10.1007/s13280-020-01380-2>
10. Xu C., Haase D., Su M., Wang Y., Pauleit S., 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 47 (8): 1361-1379. <https://doi.org/10.1177/2399808320910161>
11. Rahman M., Stratopoulos L., Moser-Reischl A., Zölch T., Häberle K.-H., Rötzer T., Pretzsch H., Pauleit S., 2020. *Traits of trees for cooling urban heat islands: a meta-analysis*. Building and Environment 170:1066. <https://doi.org/10.1016/j.buildenv.2019.106606>
12. Xu C., Rahman M., Haase D., Wu Y., Su M., Pauleit S., 2020. *Surface runoff in urban areas: The role of residential cover and urban growth form*. Journal of Cleaner Production 262. 121421, <https://doi.org/10.1016/j.jclepro.2020.121421>
13. Rahmann M.A., Hartmann C., Moser-Reischl A., Freifrau von Strachwitz M., Paeth H., Pretzsch H., Pauleit S., Rötzer T., 2020. *Tree cooling effects and human thermal comfort under contrasting species and sites*. Agricultural and Forest Meteorology, 287: 107947. <https://doi.org/10.1016/j.agrformet.2020.107947>
14. Wang J., Xu C., Pauleit S., Kindler A., Banzhaf E., 2019. *Spatial patterns of urban green infrastructure for equity: A novel exploration*. Journal of Cleaner Production 238, <https://doi.org/10.1016/j.jclepro.2019.117858>
15. Girma Y., Terstratefe H., Pauleit S., 2019. *Urban Green Spaces Use and Management in Rapidly Urbanizing Countries:-The Case of Emerging Towns of Oromia Special Zone Surrounding Finfinne, Ethiopia*. Urban Forestry & Urban Greening 43, <https://doi.org/10.1016/j.ufug.2019.05.019>

16. Rahmann M.A., Moser A., Rötzer T., Pauleit S., 2019. *Comparing the transpirational and shading effects of two contrasting urban tree species*. Urban Ecosystems 22 (4): 683–697. <https://doi.org/10.1007/s11252-019-00853-x>
17. Stratopoulos L.M.F., Zhang C., Häberle K.-H., Pauleit S., Duthweiler S., Pretzsch H., Rötzer T., 2019. *Effects of Drought on the Phenology, Growth, and Morphological Development of Three Urban Tree Species and Cultivars*. Sustainability 11: 5117. <https://doi.org/10.3390/su11185117>
18. Wang J., Pauleit S., Banzhaf E., 2019. *An Integrated Indicator Framework for the Assessment of Multifunctional Green Infrastructure—Exemplified in a European City*. Remote Sensing 11:1869, <https://doi.org/10.3390/rs11161869>
19. Zingraff-Hamed A., Martin J., Lupp G., Linnerooth-Bayer J., Pauleit S., 2019. *Designing a resilient waterscape using a living lab and catalysing polycentric governance*. Landscape Architecture Frontiers 7(3): 12-31. <https://doi.org/10.15302/J-LAF-1-020003>
20. Girma Y., Terefe H., Pauleit S., Kindu M., 2019. *Urban green infrastructure planning in Ethiopia: The case of emerging towns of Oromia special zone surrounding Finfinne*. Journal of Urban Management 8: 75–88. <https://doi.org/10.1016/j.jum.2018.09.004>
21. Rötzer T., Rahman R.A., Moser-Reichl A., Pauleit S., Pretzsch H., 2019. *Process based simulation of tree growth and ecosystem services of urban trees under present and future climate conditions*. Science of the Total Environment 676: 651–664. <https://doi.org/10.1016/j.scitotenv.2019.04.235>
22. Rolf W., Pauleit S., Wiggering H., 2019. *A stakeholder approach, door opener for farmland and multifunctionality in urban green infrastructure*. Urban Forestry & Urban Greening 40: 73-83. <https://doi.org/10.1016/j.ufug.2018.07.012>
23. Rall E., Hansen R., Pauleit S., 2019. *The added value of public participation GIS (PPGIS) for urban green infrastructure planning*. Urban Forestry & Urban Greening 40: 264-274, <https://doi.org/10.1016/j.ufug.2018.06.016>
24. Buijs A., Hansen R., Van der Jagt S., Ambrose-Oji B., Elands B., Rall E.L., Mattijssen T., Pauleit S., Runhaar H., Olafsson A.S., Møller M.S., 2019. *Mosaic governance for urban green infrastructure: Upscaling active citizenship from a local government perspective*. Urban Forestry & Urban Greening 40: 53-62 <https://doi.org/10.1016/j.ufug.2018.06.011>
25. Pauleit S., Ambrose-Oji B., Andersson E., Anton B., Buijs A., Haase D., Elands B., Hansen R., Kowarik I., Kronenberg J., Mattijssen T., Stahl Olafsson A., Rall E., van der Jagt A.P.N., Konijnendijk van den Bosch C., 2019. *Advancing Urban Green Infrastructure in Europe: outcomes and reflections from the GREEN SURGE project*. Urban Forestry & Urban Greening 40: 4–16, <https://doi.org/10.1016/j.ufug.2018.10.006>
26. Pauleit S., Andersson E., Anton B., Buijs A., Haase D., Hansen R., Kowarik I., Niemelä J., Olafsson A.S., Van der Jagt S., 2019. *Urban Green Infrastructure – Connecting People and Nature for Sustainable Cities*, Urban Forestry and Urban Greening, Urban Forestry & Urban Greening 40: 1–3, <https://doi.org/10.1016/j.ufug.2019.04.007>
27. Zölch T., Rahman M.A., Pfeleiderer E., Wagner G., Pauleit S., 2019. *Designing public squares with green infrastructure to optimize human thermal comfort*. Building and Environment 149: 640-654. <https://doi.org/10.1016/j.buildenv.2018.12.051>
28. Malherbe H., Pauleit S., Lorz C., 2019. *Mapping the Loss of Ecosystem Services in a Region Under Intensive Land Use Along the Southern Coast of South Africa*. Land 8 (3): 51; <https://doi.org/10.3390/land8030051>
29. Malherbe H., Le Maitre D., Le Roux J., Pauleit S., Lorz C., 2019. *A Simplified Method to Assess the Impact of Sediment and Nutrient Inputs on River Water Quality in Two Regions of the Southern Coast of South Africa*. Environmental Management, published online : 18 February 2019. <https://doi.org/10.1007/s00267-019-01147-w>
30. Stratopoulos L.M.F., Zhang C., Duthweiler S., Häberle K.H., Rötzer T., Xu C., Pauleit S., 2018. *Tree species from two contrasting habitats for use in harsh urban environments respond differently to extreme drought*. International Journal of Biometeorology, 63, 197-208. <https://doi.org/10.1007/s00484-018-1653-9>
31. Xu C., Pribadi D.O., Haase D., Pauleit S., 2018. *Incorporating spatial autocorrelation and settlement type segregation to improve the performance of an urban growth model*. Environment and Planning B: Urban Analytics and City Science 0(0) 1–17. <https://doi.org/10.1177/2399808318821947>
32. Moser-Reischl A., Rahman M.A., Pauleit S., Pretzsch H., Rötzer T., 2019. *Growth*

- patterns and effects of urban micro-climate on two physiologically contrasting urban tree species.* Landscape and Urban Planning 183: 88-99. <https://doi.org/10.1016/j.landurbplan.2018.11.004>
33. Rahman M., Moser A., Anderson M., Zhang C., Rötzer T., Pauleit S., 2019. *Comparing the infiltration potentials of soils beneath the canopies of two contrasting urban tree species.* Urban Forestry & Urban Greening 38: 22–32. <https://doi.org/10.1016/j.ufug.2018.11.002>
 34. Girma Y, Terefe H, Pauleit S, Kindu M, 2019. *Urban Green Spaces Supply in Rapidly Urbanizing Countries: The Case of Sebeta Town, Ethiopia.* Remote Sensing Applications: Society and Environment 13: 138-149, <https://doi.org/10.1016/j.rsase.2018.10.019>
 35. Hansen R., Olafsson A.S., van der Jagt A.P.N., Rall E., Pauleit S., 2019. *Planning multifunctional green infrastructure for compact cities: What is the state of practice?* Ecological Indicators 96 (2): 99-110. <http://dx.doi.org/10.1016/j.ecolind.2017.09.042>
 36. Abo El Wafa H., Yeshitela K., Pauleit S., 2018. *The use of urban spatial scenario design model as a strategic planning tool for Addis Ababa.* Landscape and Urban Planning 180: 308-318. <https://doi.org/10.1016/j.landurbplan.2017.08.004>
 37. Pauleit S., Lindley S., Cilliers S., Shackleton C., 2018. *Urbanisation and ecosystem services in sub-Saharan Africa: Current status and scenarios.* Landscape and Urban Planning 180: 247-248. <https://doi.org/10.1016/j.landurbplan.2018.09.008>
 38. Lindley S., Pauleit S., Yeshitela K., Cilliers S., Shackleton C., 2018. *Rethinking urban green infrastructure and ecosystem services from the perspective of sub-Saharan African cities.* Landscape and Urban Planning 180: 328-338. <https://doi.org/10.1016/j.landurbplan.2018.08.016>
 39. Malherbe H., Gebel M., Pauleit S., Lorz C., 2018. *Land use pollution potential of water sources along the southern coast of South Africa.* Change and Adaptation in Socioecological Systems 4: 7–20. <https://doi.org/10.1515/cass-2018-0002>
 40. Rolf W., Peters D., Lenz R., Pauleit S., 2018. *Farmland – an Elephant in the Room of Urban Green Infrastructure? Lessons learned from connectivity analysis in three German cities.* Ecological Indicators 94: 151–163, <http://dx.doi.org/10.1016/j.ecolind.2017.06.055>
 41. Xu C., Pribadi D.O., Haase D., Pauleit S., 2018. *Spatial variation of green space equity and the impacts of urban dynamics: A case study in the region of Munich.* Ecological Indicators, 93: 512-523, <https://doi.org/10.1016/j.ecolind.2018.04.058>
 42. Zingraff-Hamed A., Noack M., Greulich S., Schwarzwälder K., Wantzen K.M. Pauleit S., 2018. *Model-Based Evaluation of the Effects of River Discharge Modulations on Physical Fish Habitat Quality.* Water 10, 374; <https://doi.org/10.3390/w10040374>.
 43. Zingraff-Hamed A., Noack M., Greulich S., Schwarzwälder K., Wantzen K.M. Pauleit S., 2018. *Model-Based Evaluation of Urban River Restoration: Conflicts between Sensitive Fish Species and Recreational Users.* Sustainability 10, 1747; <https://doi.org/10.3390/su10061747>.
 44. Pribadi D.O., Vollmer D.O., Pauleit S., 2018. *Impact of peri-urban agriculture on runoff and soil erosion in the rapidly developing metropolitan area of Jakarta, Indonesia.* Regional Environmental Change, <https://doi.org/10.1007/s10113-018-1341-7>
 45. Xu C., Haase D., Pauleit S., 2018. *The impact of different urban dynamics on green space availability: A multiple scenario modeling approach for the region of Munich, Germany.* Ecological Indicators 93: 1–12, <https://doi.org/10.1016/j.ecolind.2018.04.058>
 46. Moser A., Rötzer T., Pauleit S., Pretzsch H., 2018. *Stadtbäume: Wachstum, Funktionen und Leistungen – Risiken und Forschungsperspektiven.* Allgemeine Forst- und Jagd-Zeitung 188 (5/6): 94-111. <https://doi.org/10.23765/afjz0002006>
 47. Rahman M.A., Moser A., Gold A., Rötzer T., Pauleit S., 2018. *Vertical air temperature gradients under the shade of two contrasting urban tree species during different types of summer days.* Science of the Total Environment 633: 100-111. <https://doi.org/10.1016/j.scitotenv.2018.03.168>
 48. Stratopoulos L., Duthweiler S., Häberle K.-H., Pauleit S., 2018. *Effect of native habitat on the cooling ability of six nursery-grown tree species and cultivars for future roadside plantings.* Urban Forestry & Urban Greening 30: 37–45. <https://doi.org/10.1016/j.ufug.2018.01.011>
 49. Zölch T., Wamsler C., Pauleit S., 2018. *Integrating the ecosystem-based approach into municipal climate adaptation strategies: The case of Germany.* Journal of Cleaner

- Production 170: 966-977. <https://doi.org/10.1016/j.jclepro.2017.09.146>
50. Davies C., Laforteza R., Hansen R., Rall E., Pauleit S., 2017. *Urban green infrastructure in Europe: Is greenspace planning and policy compliant?* Land Use Policy 69: 93–101. <https://doi.org/10.1016/j.landusepol.2017.08.018>
 51. Lupp G., Börtitz K., Kantelberg V., Koch M., Pauleit S., 2017. *Management urbaner Wälder zwischen Ansprüchen der Gesellschaft und Besitzerzielen.* Schweizer Zeitschrift für Forstwesen 168 (5): 261–268. <https://doi.org/10.3188/szf.2017.0261>
 52. Pribadi D.O., Zasada I., Müller K., Pauleit S., 2017. *Multifunctional adaption of farmers as response to urban growth in the Jabodetabek Metropolitan Area, Indonesia.* Journal of Rural Studies 55: 100-111. <https://doi.org/10.1016/j.jrurstud.2017.08.001>
 53. Abo-El-Wafa H., Yeshitela K., Pauleit S., 2017. *Exploring the future of rural-urban connections in sub-Saharan Africa: modelling urban expansion and its impact on food production in the Addis Ababa region.* Geografisk Tidsskrift – Danish Journal of Geography, 117(2), 68-81. <https://doi.org/10.1080/00167223.2017.1350926>
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