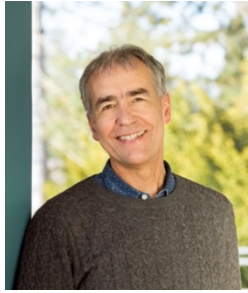


CURRICULUM VITAE



Prof. Dr. Stephan PAULEIT

Present Appointment	Professor for Strategic Landscape Planning and Management, Technical University of Munich.
Date of Birth	20 October 1960
Education	
1998	PhD (Dr.-Ing.) „Assessing the Environmental Performance of Urban Morphology Types for Environmental Planning”
1987	MSc. (Dipl.-Ing.) in Landscape Planning & Landscape Architecture, Technical University of Munich
Synopsis	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. 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 and nature based solutions, adaptation strategies to climate change in the urban environment, urban forestry and urban trees. Recent projects include: EU H2020 JUSTNature - Activation of nature-based solutions for a just low carbon transition; EU H2020 CONEXUS - CO-producing Nature-based solutions and restored Ecosystems: transdisciplinary neXus for Urban Sustainability; GREEN SURGE “Green Infrastructure and Urban Biodiversity for Sustainable Urban Development and the Green Economy”; “Green Cities of the Future: Climate resilient neighbourhoods in a growing city”. He is the present director of the “Centre for Urban Ecology and Climate Change Adaptation” at the Technical University of Munich and spokesperson of the DFG Research Training Group “Urban Green Infrastructure – Training Next Generation Professionals for Integrated Urban Planning Research”
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 Architecture with emphasis in Planting Design at the Centre for Forest, Landscape and Planning, The University of Copenhagen
2000 -2004:	Lecturer in Landscape Planning and Management at the University of Manchester
1999:	Temporary Lecturer at Wye College, Kent
1987-1998:	Research and Teaching Associate at the Technical University of Munich

Research and Development Projects & Consultancy:

2024:-	COST Action 23148: European Network for the Integrative Approach of Urban Forestry (INTUF): Member of Management Committee
2023-	CitySoundscapes: Soundscapes across cityscapes: relationships among biodiversity, sound, and human health in urban green infrastructure, WP 5: Soundscape planning and management
2022-	DFG Research Training Group “Urban Green Infrastructure – Training Next Generation Professionals for Integrated Urban Planning Research”, Spokesperson
2023:	Integration von klimaresilienten Grün- und Freiraumstrukturen in die historische Altstadt von München. Freiraumplanerisches und denkmalpflegerisches Gutachten für die Landeshauptstadt München (Integration of climate-resilient green and open spaces in the historic city centre of Munich. Report on open space planning and monument preservation for the City of Munich). Awarded to mahl gebhard konzepte by City of Munich, Department of Urban Planning; Advisory member of the consultant team.
2021-	JUSTNature - Activation of nature-based solutions for a just low carbon transition. EU Horizon 2020, WP lead
2020-	CONEXUS - CO-producing Nature-based solutions and restored Ecosystems: transdisciplinary neXus for Urban Sustainability, EU Horizon 2020, WP lead
2020-2023:	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)
2020-2023:	Nachverdichtung im Kontext des Klimawandels (Urban densification in the context of climate change), Bavarian Ministry of Environment and Consumer Protection
2020-2023:	KlimaKübelBäume (ClimatePotTrees), Bavarian Ministry of Environment and Consumer Protection
2019-2023:	Leistungen von Stadtgrün an öffentlichen Plätzen in München (Services of urban green on public squares), Bavarian Ministry of Environment and Consumer Protection
2018-2022:	PHUSICOS – “According to Nature – Large-scale demonstrators on nature-based solutions for hydro-meteorological risk reduction”, EU Horizon 2020
2017-	Grüne Stadt der Zukunft - Klimaresiliente Quartiere in einer wachsenden Stadt (Green City of the Future: Climate resilient neighbourhoods in a growing city). BMBF, German Federal Ministry of Education and Research.
2017-2022:	Klimaerlebnis Würzburg (Climate Experience Würzburg). Bavarian Ministry of the Environment and Consumer Protection.
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 State Ministry of the Environment and Consumer Protection. Contribution to assessment of environmental services of urban trees.
2013-2017	Klimaschutz und Grüne Infrastruktur in Städten (Climate Protection and Green Infrastructure in Cities). Bavarian State Ministry of the Environment and Consumer Protection.
2013-	Zentrum für Stadtnatur und Klimawandel (Centre for Urban Ecology and Climate Adaptation) Bavarian State Ministry of the Environment and Consumer Protection. 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: <i>Instruments and Tools</i> .
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. Enu K.B., Merk F., Su H., Rauch M., Zingraff-Hamed A., Broich K., Förster K., Pauleit S., Disse M., 2025. *A scenario-based analysis of wetlands as nature-based solutions for flood risk mitigation using the TELEMAC-2D model*. Nature-Based Solutions 7: 100236.
<https://doi.org/10.1016/j.nbsj.2025.100236>
2. Barron S., Egerer M., Almas A., Rayner J., Belle D., Hauer R., Konijnendijk C., Kwun E., Paoli S., Pastore M.C., Pauleit S., Puric-Mladenovic D., Ries P., Richtie M., Vogt J., Wilkes-Allemann J., Wiseman E., 2025. *Taking Stock: The Current State of Urban Forestry Education at International Institutions of Higher Education*. Arboriculture & Urban Forestry, April 2025.
<https://doi.org/10.48044/jauf.2025.018>
3. van Lierop M., Dobbs C., van der Jagt A., Skiba A., Flores C., Locosselli G.M., Zingraff-Hamed A., Pauleit S., 2025. *The why, how, and what of indicator-based monitoring of nature-based solutions: Perspectives from EU and LAC city practitioners*. Ambio, 22nd April 2025.
<https://doi.org/10.1007/s13280-025-02174-0>
4. Moser-Reischl A., Franceschi E., Rahman M.A., Rodrigues-Leite J., Pretzsch H., Pauleit S., 2025. *Spatial and temporal dynamics of the leaf area index (LAI) of selected tree species in urban environments*. Urban Forestry & Urban Greening 107: 128795,
<https://doi.org/10.1016/j.ufug.2025.128795>
5. Eben P., Stinshoff P., Knoll S., Busse L., Kick D., Duthweiler S., Moning C., Pauleit S., Helmreich B., 2025. *Are infiltration swales all-rounders? An interdisciplinary field study on multifunctionality*. Ecological Engineering, 215, 107597. <https://doi.org/10.1016/j.ecoleng.2025.107597>
6. Helmreich B., Deeb M., Eben P., Egerer M., Kollmann J., Schulz S., Pauleit S., Weisser W., Schlöter M., 2025. *Converting infiltration swales to sustainable urban drainage systems can improve water management and biodiversity*. Frontiers in Environmental Science 12:1524239.
<https://doi.org/10.3389/fenvs.2024.1524239>
7. Islam A., Pattnaik N., Moula M.M., Rötzer T., Pauleit S., Rahman M.A., 2024. *Impact of urban green spaces on air quality: A study of PM10 reduction across diverse climates*. Science of the Total Environment 955: 176770. <https://doi.org/10.1016/j.scitotenv.2024.176770>
8. Enu, K.B., Zingraff-Hamed A., Appiah D.O., Pauleit S., 2024: *Narrowing down the drivers of flood risk in medium-sized sub-Saharan African cities: insights from the Greater Kumasi Metropolitan Area, Ghana*. Hydrological Sciences Journal, <https://doi.org/10.1080/02626667.2024.2401605>
9. Eben P., Duthweiler S., Helmreich B., Knoll S., Moning C., Stinshoff P., Pauleit S., 2024. *Thriving under multiple stressors: Performance of drought-tolerant perennials and their suitability for infiltration swales*. Urban Forestry & Urban Greening 101: 128535.
10. Chapman E., Bukovszki V., Lierop M.v., Tomasi S., Pauleit S., 2024. *Towards More Equitable Urban Greening: A Framework for Monitoring and Evaluating Co-Governance*. Urban Planning 9: 8184.
<https://doi.org/10.17645/up.8184>
11. Lierop M.v., Dobbs C., C., Jagt A.v.d., A., Locosselli G.M., Duarte D., A., Zingraff-Hamed A., Pauleit S., 2024. *Monitoring and assessment in the context of Governance of Nature-based Solutions. Shared Challenges and Opportunities in CELAC and EU cities*. Nature-Based Solutions, Pre-Proof, <https://doi.org/10.1016/j.nbsj.2024.100170>
12. Wang X., Rahman M.A., Cadotte M.W., Mokroš M., Pauleit S., Rötzer T., Chen B., Liang X., Shen G., Wan Y., Dong X., Xu J., Da L., Song K., in review. *Integrating Forest Inventory and Lidar Observations to Uncover the Role of Plant Traits on Cooling Effects in Urban Areas*. SSRN, <https://ssrn.com/abstract=4880015> or <http://dx.doi.org/10.2139/ssrn.4880015>
13. Raum S., Hossu C.-A., Lupp G., Pauleit S., Egerer M., 2024. *Stakeholder exposure to and knowledge of tree pests and diseases and their management in urban areas*. Urban Forestry & Urban Greening, Journal preproof, <https://doi.org/10.1016/j.ufug.2024.128456>
14. Knoll S., Mindermann S., Porter L., Pauleit S., Duthweiler S., Prügl J., Helmreich B., 2024. *The potential of processed mineral construction and demolition waste to increase the water capacity of urban tree substrates - A pilot scale study in Munich*. Sustainable Cities and Society 113: 105661,
<https://doi.org/10.1016/j.scs.2024.105661>
15. Reitberger R., Pattnaik N., Parhizgar L., Trost C., Yazdi H., Rahman M.A., Pauleit S., Rötzer T., Pretzsch H., Traidl-Hoffmann C., Ludwig F., Reischl A., Plaza Garcia M.P., Lang W., 2024. *A Systems*

16. Sousa-Silva R., Feurer M., Morhart C., Sheppard J.P., Albrecht S., Anys M., Beyer F., Blumenstein K., Reinecke S., Seifert T., Whitehead I., Pauleit S., Bauhus J., 2024. *Seeing the Trees Without the Forest: What and How can Agroforestry and Urban Forestry Learn from Each Other?* Current Forestry Reports. Publ. online 28 May 2024. <https://doi.org/10.1007/s40725-024-00221-9>
17. Pattnaik N., Honold M., Franceschi E., Moser-Reischl A., Rötzer T., Pretzsch H., Pauleit S., Rahman M.A., 2024. *Growth and cooling potential of urban trees across different levels of imperviousness*. Journal of Environmental Management 361: 121242. <https://doi.org/10.1016/j.jenvman.2024.121242>
18. Hossu C.A., Artmann M., Saito T., Van Lierop M., Ioja C.I., Pauleit S., 2024. *Understanding residents' engagement for the protection of urban green spaces by enriching the value-belief-norm theory with relational values—A case study of Munich (Germany)*. People and Nature. 00: 1-18, <https://doi.org/10.1002/pan3.10654>
19. Rahman M.A., Arndt S., Bravo F., Cheung P.K., Van Doorn N., Franceschi E., Del Río M., Livesley S.J., Moser-Reischl A., Pattnaik N., Rötzer T., Paeth H., Pauleit S., Preisler Y., Pretzsch H., Tan P.Y., Cohen S., Szota C., Torquato P.R., 2024. *More than a canopy cover metric: Influence of canopy quality, water-use strategies and site climate on urban forest cooling potential*. Landscape and Urban Planning 248: 105089. <https://doi.org/10.1016/j.landurbplan.2024.105089>
20. Stark da Silva P.W., Duarte D.H.S., Rahman M.A., Rötzer T., Pauleit S., 2024. *Testing Strategies for Planting Design in Urban Squares to Improve Human Comfort throughout the Seasons*. Atmosphere 15, 870. <https://doi.org/10.3390/atmos15080870>
21. Deeb M., Smagin A.V., Pauleit S., Fouché-Grobla O., Podwojewski P., Groffman P.M., 2024. *The urgency of building soils for Middle Eastern and North African countries: Economic, environmental, and health solutions*. Science of the Total Environment 917: 170529, <https://doi.org/10.1016/j.scitotenv.2024.170529>
22. Enu K.B., Zingraff-Hamed A., Boafa Y.A., Rahman M.A., Pauleit S., 2024. *Citizens' acceptability and preferred nature-based solutions for mitigating hydro-meteorological risks in Ghana*. Journal of Environmental Management 352, 120089, <https://doi.org/10.1016/j.jenvman.2024.120089>
23. Eben P., Mohri M., Pauleit S., Duthweiler S., Helmreich B., 2024. *Phytoextraction potential of herbaceous plant species and the influence of environmental factors – A meta-analytical approach*. Ecological Engineering 199: 107169. <https://doi.org/10.1016/j.ecoleng.2023.107169>
24. Breed C.A., Du Plessis T., Engemann K., Pauleit S., Pasgaard M., 2023. *Moving green infrastructure planning from theory to practice in sub-Saharan African cities requires collaborative operationalization*. Urban Forestry & Urban Greening 89: 128085. <https://doi.org/10.1016/j.ufug.2023.128085>
25. Hansen R., Buijs A., Buijs A., Pauleit S., Mattijssen T., Fors H., van der Jagt A., Kabisch N., Cook M., Delshammar T., Randrup T.B., Erlwein S., Vierikko K., Nieminen H., Langemeyer J., Soson Texereau C., Luz A.C., Nastran M., Olafsson A.S., Möller M.S., Haase D., Rolf W., Ambrose-Oji B., Branquinho C., Havik G., Kronenberg J., Konijnendijk C., 2023. *Transformative or piecemeal? Changes in green space planning and governance in eleven European cities*. European Planning Studies 31 (12): 2401-2424, <https://doi.org/10.1080/09654313.2022.2139594>
26. Franceschi E., Moser-Reischl A., Honold M., Rahman M.A., Pretzsch H., Pauleit S., Rötzer T., 2023. *Urban environment, drought events and climate change strongly affect the growth of common urban tree species in a temperate city*. Urban Forestry & Urban Greening 88: 128083. <https://doi.org/10.1016/j.ufug.2023.128083>
27. Jagt A.P.N., Buijs A., Dobbs C., van Lierop M., Pauleit S., Randrup T.B., Skiba A., Wild T., 2023. *With the Process Comes the Progress: A Systematic Review to Support Governance Assessment of Urban Nature-based Solutions*. Urban Forestry & Urban Greening: 128067. <https://doi.org/10.1016/j.ufug.2023.128067>
28. Pauleit S., Erlwein S., Linke S., Rahman M.A., Zölch T., Rötzer T., 2023. *Grün-blaue Infrastruktur für die Klimawandelanpassung der Stadt (Green-blue infrastructure for the city's climate change adaptation)*. Promet 106: 79-88. https://doi.org/10.5676/DWD_pub/promet_106_08
29. Dervishi V., Fleckenstein C., Rahman M.A., Pauleit S., Ludwig F., Pretzsch H., Rötzer T., 2023. *Trees in planters – Growth, structure and ecosystem services of Platanus x hispanica and Tilia cordata and their reaction to soil drought*. Urban Forestry & Urban Greening 86: 128024, <https://doi.org/10.1016/j.ufug.2023.128024>
30. The Urban More-than-Human Collective: Dümpelmann S., Gioielli R.R., Pauleit S., Sinha A., Wright

- K., Zhang A., 2023. *Making Urban Environments: Infrastructures of Power, Resistance and Negotiation*. Global Environment 16 (2): 222-257. <https://doi.org/10.3197/ge.2023.160203>
31. Shashua-Bar L., Rahman M.A., Moser-Reischl A., Peeters A., Franceschi E., Pretzsch H., Rötzer T., Pauleit S., Winters G., Groner E., Cohen S., 2023. *Do Urban Tree Hydraulics Limit Their Transpirational Cooling? A Comparison between Temperate and Hot Arid Climates*. Urban Climate 49: 101554, <https://doi.org/10.1016/j.uclim.2023.101554>
 32. Raum S., Collins C.M., Urquhart J., Potter C., Pauleit S., Egerer M., 2023. *Tree insect pests and pathogens: a global systematic review of their impacts in urban areas*. Urban Ecosystems 26: 587–604, <https://doi.org/10.1007/s11252-022-01317-5>
 33. Amer A., Franceschi E., Hjazin A., Shoqeir J.H., Moser-Reischl A., Rahman M.A., Tadros M., Pauleit S., Pretzsch H., Rötzer T., 2023. *Structure and Ecosystem Services of Three Common Urban Tree Species in an Arid Climate City*. Forests 14: 671. <https://doi.org/10.3390/f14040671>
 34. Erlwein S., Meister J., Wamsler C., Pauleit S., 2023. *Governance of densification and climate change adaptation: How can conflicting demands for housing and greening in cities be reconciled?* Land Use Policy 128: 106593, <https://doi.org/10.1016/j.landusepol.2023.106593>
 35. Hartmann C., Moser-Reischl A., Rahman M.A., Franceschi E., Von Strachwitz M., Pauleit S., Pretzsch H., Rötzer T., Paeth H., 2023. *The footprint of heat waves and dry spells in the urban climate of Würzburg, Germany, deduced from a continuous measurement campaign during the anomalously warm years 2018–2020*. Meteorologische Zeitschrift (Contrib. Atm. Sci.), Early Access <https://doi.org/10.1127/metz/2023/1151>
 36. Stark da Silva P.W., Duarte D., Pauleit S., 2023. *The Role of the Design of Public Squares and Vegetation Composition on Human Thermal Comfort in Different Seasons: A Quantitative Assessment*. Land 12: 427. <https://doi.org/10.3390/land12020427>
 37. Rahman M.A., Pawijit Y., Xu C., Moser-Reischl A., Pretzsch H., Rötzer T., Pauleit S., 2023. *A comparative analysis of urban forests for storm-water management*. Scientific Reports 13: 1451, <https://doi.org/10.1038/s41598-023-28629-6>
 38. Rahman M.A., Fleckenstein C., Dervishi V., Ludwig F., Pretzsch H., Rötzer T., Pauleit S., 2023. *How good are containerized trees for urban cooling?* Urban Forestry & Urban Greening 79: 127822, <https://doi.org/10.1016/j.ufug.2022.127822>
 39. Linke S., Erlwein S., Lierop M.v., Fakirova E., Pauleit S., Lang W., 2022. *Climate Change Adaption between Governance and Government— Collaborative Arrangements in the City of Munich*. Land 11: 1818. <https://doi.org/10.3390/land11101818>
 40. Lupp G.; Kantelberg V.; Fäth J.; Hirschbeck T.; Käsbauser C.; Ritter A.; Schisslbauer J.; Pauleit S., 2022. *Through the Eyes of Forest Visitors—Perception and Scenic Preferences of Munich's Urban Proximate Woodlands*. Forests 2022, 13: 1584. <https://doi.org/10.3390/f13101584>
 41. Enu K.B., Zingraff-Hamed A., Rahman M. A., Stringer L. C., Pauleit S., 2022: *Review article: Potential of Nature-Based Solutions to Mitigate Hydro-Meteorological Risks in Sub-Saharan Africa*, EGUsphere [preprint], <https://doi.org/10.5194/egusphere-2022-604>
 42. Franceschi E., Moser-Reischl A., Rahman M.A., Pauleit S., Pretzsch H., Rötzer T., 2022. *Crown Shapes of Urban Trees-Their Dependences on Tree Species, Tree Age and Local Environment, and Effects on Ecosystem Services*. Forests 13: 748. <https://doi.org/10.3390/f13050748>
 43. Fleckenstein C., Dervishi V., Rahman M.A., Rötzer T., Pauleit S., Ludwig F., 2022. *Trees in Planters—A Case Study of Time-Related Aspects*. Land 11: 1289. <https://doi.org/10.3390/land11081289>
 44. Van der Jagt A.P.N., Buijs A., Dobbs C., Van Lierop M., Pauleit S., Randrup T.B., Wild T., 2022. *An action framework for the participatory assessment of nature- based solutions in cities*. Ambio 52: 54-67, <https://doi.org/10.1007/s13280-022-01772-6>
 45. Rahman M.A., Franceschi E., Pattnaik N., Moser-Reischl A., Hartmann C., Paeth H., Pretzsch H., Rötzer T., Pauleit S., 2022. *Spatial and temporal changes of outdoor thermal stress: influence of urban land cover types*. Scientific Reports 12: 671, <https://doi.org/10.1038/s41598-021-04669-8>
 46. Zingraff-Hamed A., George F.N., Lupp G., Pauleit S., 2022. *Effects of recreational use on restored urban floodplain vegetation in urban areas*. Urban Forestry & Urban Greening 67: 127444. <https://doi.org/10.1016/j.ufug.2021.127444>
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