



# GREEN DESIGN HELPS CITIES REPLENISH GROUNDWATER RESERVOIRS & REDUCE WATER SCARCITY

Stuiver, M., Lahr, J., Ottburg, F., Snep, R., Jones-Walters, L., 2018.  
Nature, because the city is worth it: longread.  
Wageningen Environmental Research.



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# **PARKS & URBAN FORESTS CAN HAVE ~1-5°C LOWER DAYTIME TEMPERATURES**

Wenqi Lin, Ting Yu, Xiangqi Chang, Weijia Wu, Yue Zhang, 2015.  
Calculating cooling extents of green parks using remote  
sensing: Method and test. Landscape and Urban Planning,  
Volume 134.



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# NATURE IN CITIES CAN REDUCE THE RISK OF EROSION & LANDSLIDES

ICLEI Network, 2021. 10 reasons to promote urban biodiversity.  
Exploring issues that matter, CityTalk.

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# URBAN BIODIVERSITY STRENGTHENS ESSENTIAL ECOSYSTEM SERVICES

Marselle, M.R., Lindley, S.J., Cook, P.A. et al.  
Biodiversity and Health in the Urban Environment.  
Curr Envir Health Rpt 8, 146–156 (2021).  
<https://doi.org/10.1007/s40572-021-00313-9>



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# VISITING GREEN SPACES BOOSTS CONCENTRATION CAPACITY

Hussain, Gulzar & Nadeem, Muhammad & Younis, Adnan & Riaz, Atif & Khan, M. & Naveed, Shaheryar. (2010). IMPACT OF PUBLIC PARKS ON HUMAN LIFE: A CASE STUDY. Pakistan Journal of Agricultural Sciences. 47. 225-230.



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# ACCESS TO GREEN SPACES HELPS TO REDUCE HEALTH INEQUALITIES

Mitchell, R, Popham, F. (2008).  
Effect of exposure to natural environment on health inequalities: an observational population study. Lancet.



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# **CITIES SERVE AS A SANCTUARY FOR ~10% OF ALL PLANT & ANIMAL SPECIES**

Stuiver, M., Lahr, J., Ottburg, F., Snep, R., Jones-Walters, L., 2018.  
Nature, because the city is worth it: longread.  
Wageningen Environmental Research.



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# URBAN GREEN SPACES IMPROVE DRAINAGE & HELP PREVENT FLOODING

Stuiver, M., Lahr, J., Ottburg, F., Snep, R., Jones-Walters, L., 2018.  
Nature, because the city is worth it: longread.  
Wageningen Environmental Research.



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# NATURE IN CITIES HELPS TO REDUCE URBAN HEAT ISLAND EFFECTS

Aram F, Higuera García E, Solgi E, Mansournia S.  
Urban green space cooling effect in cities.  
Heliyon. 2019 Apr 8;5(4):e01339. doi: 10.1016/j.heliyon.2019.e01339.



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# URBAN BIODIVERSITY CAN HELP IMPROVE AIR QUALITY BY STORING CO<sub>2</sub>

ICLEI Network, 2021. 10 reasons to promote urban biodiversity.  
Exploring issues that matter, CityTalk.



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# POLLINATORS & OTHER BIODIVERSITY SUPPORT SUSTAINABLE URBAN FOOD SYSTEMS

ICLEI Network, 2021. 10 reasons to promote urban biodiversity.  
Exploring issues that matter, CityTalk.

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# WALKABLE GREEN SPACES CONTRIBUTE TO LONGEVITY

Takano T, Nakamura K, Watanabe M. Urban residential environments and senior citizens' longevity in megacity areas: the importance of walkable green spaces. J Epidemiol Community Health. 2002 Dec;56(12):913-8. doi: 10.1136/jech.56.12.913.



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# BIODIVERSITY CAN HELP PREVENT DISEASE & REGULATE POISONOUS ANIMALS

ICLEI Network, 2021. 10 reasons to promote urban biodiversity.  
Exploring issues that matter, CityTalk.

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# GREEN SPACES CAN BENEFIT POST-DISASTER RECOVERY

Rung AL, Broyles ST, Mowen AJ, Gustat J, Sothern MS.  
Escaping to and being active in neighbourhood parks: park  
use in a post-disaster setting.  
Disasters. 2011 Apr;35(2):383-403.



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# URBAN BIODIVERSITY IMPROVES QUALITY & AVAILABILITY OF WATER IN AQUIFERS

ICLEI Network. (2025, May 20). 10 reasons to promote urban biodiversity – CityTalk. <https://talkofthecities.iclei.org/10-reasons-to-promote-urban-biodiversity/>



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# **RISK OF DEVELOPING DEPRESSION & ANXIETY IS 71% LOWER IN RESIDENTS WHO LIVE NEAR GREEN SPACES**

Generation Climate Europe. (2024). Biodiverse Cities.  
Retrieved June 17, 2025, from <https://gceurope.org/wp-content/uploads/2024/11/Biodiverse-Cities.pdf>



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# URBAN BIODIVERSITY MINIMISES THE RISKS OF EXTREME CLIMATE EVENTS

ICLEI Network. (2025, May 20). 10 reasons to promote urban biodiversity – CityTalk. <https://talkofthecities.iclei.org/10-reasons-to-promote-urban-biodiversity/>



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# GREEN SPACES IMPROVE COGNITIVE DEVELOPMENT IN CHILDREN

P. Dadvand, M.J. Nieuwenhuijsen, M. Esnaola, J. Forns, X. Basagaña, M. Alvarez-Pedrerol, I. Rivas, M. López-Vicente, M. De Castro Pascual, J. Su, M. Jerrett, X. Querol, & J. Sunyer, Green spaces and cognitive development in primary schoolchildren, Proc. Natl. Acad. Sci. U.S.A. 112 (26) 7937-7942. <https://doi.org/10.1073/pnas.1507402112> (2015)



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# REWILDING PARKS HAS BEEN LINKED TO ENHANCED GUT HEALTH IN PARK VISITORS

Mills, J.G., Bissett, A., Gellie, N.J.C., Lowe, A.J., Selway, C.A., Thomas, T., Weinstein, P., Weyrich, L.S. and Breed, M.F. (2020), Revegetation of urban green space rewilds soil microbiotas with implications for human health and urban design. *Restor Ecol*, 28: S322-S334.  
<https://doi.org/10.1111/rec.13175>



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# 44% OF GLOBAL GDP IN CITIES IS AT RISK FROM NATURE & BIODIVERSITY LOSS

World Economic Forum. (2022). BiodiverCities by 2030: Transforming Cities' Relationship with Nature. Retrieved June 17, 2025, from [https://www3.weforum.org/docs/WEF\\_BiodiverCities\\_by\\_2030\\_2022.pdf](https://www3.weforum.org/docs/WEF_BiodiverCities_by_2030_2022.pdf)



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# **NATURE-BASED SOLUTIONS ARE 50% MORE COST- EFFECTIVE THAN “GREY” ALTERNATIVES & 28% MORE IMPACTFUL**

World Economic Forum. (2022). BiodiverCities by 2030: Transforming Cities' Relationship with Nature. Retrieved June 17, 2025, from [https://www3.weforum.org/docs/WEF\\_BiodiverCities\\_by\\_2030\\_2022.pdf](https://www3.weforum.org/docs/WEF_BiodiverCities_by_2030_2022.pdf)



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# **EXPOSURE TO AIR POLLUTION COST THE WORLD'S ECONOMY AROUND \$5.1 TRILLION IN WELFARE LOSSES IN 2013**

World Economic Forum. (2022). BiodiverCities by 2030:  
Transforming Cities' Relationship with Nature. Retrieved  
June 17, 2025, from  
[https://www3.weforum.org/docs/WEF\\_BiodiverCities\\_by\\_2030\\_2022.pdf](https://www3.weforum.org/docs/WEF_BiodiverCities_by_2030_2022.pdf)



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