

Publications

Name: Lars Gidhagen

Publication statistics (April 2021)

Total number of peer-reviewed publications: 39 (Web of Science)

h-index: 16 (Web of Science)

Average citations per publication: 29.6 (Web of Science)

Total number of citations: 1 154 (Web of Science)

Peer-reviewed articles (1987-2020):

Amorim, J. H., Segersson, D., Körnich, H., Asker, C., Olsson, E., and **Gidhagen L.** (2020). High resolution simulation of Stockholm's air temperature and its interactions with urban development. *Urban Climate*, 32, 1-17.

<https://doi.org/10.1016/j.uclim.2020.100632>

Langner, J., **Gidhagen, L.**, Bergström, R., Gramsch, E., Oyola, P., Reyes, F., Segersson, D., and Aguilera, C. (2020). Model-simulated source contributions to PM_{2.5} in Santiago and the Central region of Chile. *Aerosol and Air Quality Research*, 1-16.

<https://doi.org/10.4209/aaqr.2019.08.0374>

Krecl, P., Cipoli, Y. A., Targino, A. C., Castro, L. B., **Gidhagen, L.**, Malucelli, F., and Wolf, A. (2020). Cyclists' exposure to air pollution under different traffic management strategies. *Science of the Total Environment*, 723, 1-11.

<https://doi.org/10.1016/j.scitotenv.2020.138043>

Franco, J. F., **Gidhagen, L.**, Morales, R., and Behrentz, E. (2019). Towards a better understanding of urban air quality management capabilities in Latin America. *Environmental Science and Policy*, 102, 43-53.

<https://doi.org/10.1016/j.envsci.2019.09.011>

Gidhagen, L., Olsson, J., Amorim, J. H., Asker, C., Belusic, D., Carvalho, A. C., Engardt, M., Hundecha, Y., Körnich, H., Lind, P., Lindstedt, D., Olsson, E., Rosberg, J., Segersson, D., and Strömbäck, L. (2020). Towards climate services for European cities: Lessons learnt from the Copernicus project Urban SIS. *Urban Climate*, 31, 1-20.

<https://doi.org/10.1016/j.uclim.2019.100549>

Ljungman, P. L. S., Andersson, N., Stockfelt, L., Andersson, E. M., Sommar, J. N., Eneroth, K., **Gidhagen, L.**, Johansson, C., Lager, A., Leander, K., Molnar, P., Pederson, N. L., Rizzuto, D., Rosengren, A., Segersson, D., Wennberg, P., Barregard, L., Forsberg, B., Sallsten, G., Bellander, T., and Pershagen, G. (2019). Long-term exposure to particulate air pollution, black carbon, and their source components in relation to ischemic heart disease and stroke. *Environmental Health Perspectives*, 127, 1-11.

<https://doi.org/10.1289/EHP4757>

Felix, E., **Gidhagen, L.**, Alonso, M. F., Nahirny, E. P., Alves, B. L., Segersson, D., and Amarim, J. H. (2019). Passive sampling as a feasible tool for mapping and model evaluation of the spatial distribution of nitrogen oxides in the city of Curitiba, Brazil. *Air Quality, Atmosphere & Health*, 12, 837-846.

<https://doi.org/10.1007/s11869-019-00701-z>

Krecl, P., Cipoli, Y. A., Targino, A. C., de Oliveira Toloto, M., Segersson, D., Parra, Á., Polezer, G., Moreton Godoy, R. H., and **Gidhagen, L.** (2019). Modelling urban cyclists' exposure to black carbon particles using high spatiotemporal data: A statistical approach. *Science of the Total Environment*, 679, 115-125.

<https://doi.org/10.1016/j.scitotenv.2019.05.043>

Segersson, D., Eneroth, K., **Gidhagen, L.**, Johansson, C., Omstedt, G., Engström Nylén, A. and Forsberg, B. (2017) Health impact of PM10, PM2.5, black carbon exposure due to different source sectors in Stockholm, Gothenburg and Umea, Sweden.

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Fausser, P., Ketznel, M., Becker, T., Plejdrup, M. S., Brandt, J., **Gidhagen, L.**, . . . Karppinen, A. (2017). Human exposure to carcinogens in ambient air in Denmark, Finland and Sweden. *Atmospheric Environment*, 167, 283-297.

Stockfelt, L., Andersson, E. M., Molnár, P., **Gidhagen, L.**, Segersson, D., Rosengren, A., Barregard, L., Sallsten, G. (2017).

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Willers, S., Eriksson, C., **Gidhagen, L.**, Nilsson, M.E., Pershagen, G. and Bellander, T. (2013).

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Olsson, J., **Gidhagen, L.**, Gamerith, V., Gruber, G., Hoppe, H., Kutschera, P. (2012). Downscaling of short-term precipitation from regional climate models for sustainable urban planning.

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Gidhagen, L., Denzer, R., Schlobinski, S., Michel, F., Kutschera, P., Havlik, D. (2010): Sustainable Urban Development Planner for Climate Change Adaptation (SUDPLAN).

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Gramsch, E., **Gidhagen, L.**, Wahlin, P., Oyola, P., Moreno, F. (2009)

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Olivares, G., Ström, J., Johansson, C., **Gidhagen, L.** (2008)

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Ketzel, M., Omstedt, G., Johansson, C., Düring, I., Pohjola, M., Oetl, D., **Gidhagen, L.**, Wählin, P., Lohmeyer, A., Haakana, M., Bercowicz, R. (2007)

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