

Jorge Humberto Amorim

PUBLICATIONS LIST

Updated in October 2024

Author bibliometrics

Peer-reviewed publications: 31 in Web of Science (h-index: 17), 50 in Scopus (h-index: 19)

Total number of citations: >1200 in Web of Science, >1500 in Scopus

Books or chapters of books: >35

Papers in International Conference Proceedings with peer-review: >60

International scientific journals indexed in Web of Science

Faticov M., **Amorim J.H.**, Abdelfattah A., van Dijk L.J.A., Carvalho A.C., Laforest-Lapointe I., Tack A.J.M., 2024. Local climate, air quality and leaf litter cover shape foliar fungal communities on an urban tree. *Ambio*. <https://doi.org/10.1007/s13280-024-02041-4>.

Wang, F., Belušić D., **Amorim, J.H.**, Ribeiro, I., 2023. Assessing the impacts of physiography refinement on Stockholm summer urban temperature simulated with an offline land surface model. *Urban Climate* 49, 101531. <https://doi.org/10.1016/j.uclim.2023.101531>.

Gidhagen L., Krecl P., Targino A.C., Polezer G., Godoi R.H.M., Felix E., Cipoli Y.A., Charres I., Malucelli F., Wolf A., Alonso M., Segersson D., Castelhana F.J., **Amorim J.H.**, Mendonça F., 2021. An integrated assessment of the impacts of PM2.5 and black carbon particles on the air quality of a large Brazilian city. *Air Qual Atmos Health* 14, 1455-1473. <https://doi.org/10.1007/s11869-021-01033-7>

Amorim, J.H.; Engardt, M.; Johansson, C.; Ribeiro, I.; Sannebro, M., 2021. Regulating and Cultural Ecosystem Services of Urban Green Infrastructure in the Nordic Countries: A Systematic Review. *Int. J. Environ. Res. Public Health*, 18, 1219. <https://doi.org/10.3390/ijerph18031219>

Amorim J.H., Segersson D., Körnich H., Asker C., Olsson E., Gidhagen L., 2020. High resolution simulation of Stockholm's air temperature and its interactions with urban development. *Urban Climate* 32, 100632. <https://doi.org/10.1016/j.uclim.2020.100632>.

Gidhagen L., Olsson J., **Amorim J.H.**, Asker C., Belušić D., Carvalho A.C., Engardt M., Hundecha Y., Körnich H., Lind P., Lindstedt D., Olsson E., Rosberg J., Segersson D., Strömbäck L., 2020. Towards climate services for European cities: Lessons learnt from the Copernicus project Urban SIS. *Urban Climate* 31, 100549. <https://doi.org/10.1016/j.uclim.2019.100549>.

Felix E., Gidhagen L., Alonso M.F., Nahirny E.P., Alves B.L., Segersson D., **Amorim 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>.

Samson R., Moretti M., **Amorim J.H.**, Branquinho C., Fares S., Morelli F., Niinemets Ü., Paoletti E., Pinho P., Sgrigna G., Stojanovski V., Tiwary A., Sicard P., Calfapietra C., 2019. Towards an integrative approach to evaluate the environmental ecosystem services provided by urban forest. *Journal of Forestry Research* 30, 1981-1996. <https://doi.org/10.1007/s11676-019-00916-x>.

Saaroni H, **Amorim JH**, Hiemstra JA, Pearlmutter D, 2018. Urban Green Infrastructure as a tool for urban heat mitigation: Survey of research methodologies and findings across different climatic regions. *Urban Climate* 24, 94-110. <https://doi.org/10.1016/j.uclim.2018.02.001>.

Dias D, **Amorim JH**, Sá E, Borrego C, Fontes T, Fernandes P, Pereira SR, Bandeira J, Coelho MC, Tchepel O, 2018. Assessing the importance of transportation activity data for urban emission inventories. *Transportation Research Part D: Transport and Environment* 62, 27-35. <https://doi.org/10.1016/j.trd.2018.01.027>.

Baldacchini C, Castanheiro A, Maghakyan N, Sgrigna G, Verhelst J, Alonso R, **Amorim JH**, Bellan P, Djunisijevic Bojovic D, Breuste J, Bühler O, Cântar I, Cariñanos P, Carriero G, Churkina G, Dinca L, Esposito R, Gawronski S, Kern M, Le Thiec D, Moretti M, Ningal T, Rantzoudi E, Sinjur I, Stojanova B, Aničić Urošević M, Velikova V, Zivojinovic I, Sahakyan L, Calfapietra C, Samson R, 2017. How does the amount and composition of PM deposited on *Platanus acerifolia* leaves change across different cities in Europe? *Environmental Science & Technology* 51(3), 1147–1156. <http://dx.doi.org/10.1021/acs.est.6b04052>.

Grote R, Samson R, Alonso R, **Amorim JH**, Calfapietra C, Cariñanos P, Churkina G, Fares S, Le Thiec D, Niinemets Ü, Mikkelsen TN, Paoletti E, Tiwary A, 2016. Functional traits of urban trees in relation to their air pollution mitigation potential: A holistic discussion. *Frontiers in Ecology and the Environment* 14(10), 543–550. <http://dx.doi.org/10.1002/fee.1426>.

Amorim J.H., Valente J., Cascão P., Ribeiro L.M., Viegas D.X., Ottmar R., Miranda A.I., 2016. Near-source grid-based measurement of CO and PM_{2.5} concentration during a full-scale fire experiment in Southern European shrubland. *Atmospheric Environment* 145, 19–28. <http://dx.doi.org/10.1016/j.atmosenv.2016.09.017>.

Borrego C, **Amorim JH**, Tchepel O, Dias D, Rafael S, Sá E, Pimentel C, Fontes T, Fernandes P, Pereira SR, Bandeira JM, Coelho MC, 2016. Urban scale air quality modelling using detailed traffic emissions estimates. *Atmospheric Environment* 131, 341–351. <http://dx.doi.org/10.1016/j.atmosenv.2016.02.017>.

Silva F.C., Borrego C., Keizer J.J., **Amorim J.H.**, Verheijen F.G.A., 2015. Effects of moisture content on wind erosion thresholds of biochar. *Atmospheric Environment* 123, 121-128. <http://dx.doi.org/10.1016/j.atmosenv.2015.10.070>.

Borrego C., Coutinho M., Costa A.M., Ginja J., Ribeiro C., Monteiro A., Ribeiro I., Valente J., **Amorim J.H.**, Martins H., Lopes D., Miranda A.I., 2015. Challenges for a new Air Quality Directive: the role of monitoring and modelling techniques. *Urban Climate* 14(3), 328–341. <http://dx.doi.org/10.1016/j.uclim.2014.06.007>.

Valente J., **Amorim J.H.**, Teixeira R., Pimentel C., Ribeiro I., Borrego C., 2014. Children's exposure to traffic-related pollution: assessment of CO exposure in a typical school day. *Int. J. Environment and Pollution* 55(1/2/3/4), 104-112. <http://dx.doi.org/10.1504/IJEP.2014.065910>.

Coelho M.C., Fontes T., Bandeira J., Pereira S., Tchepel O., Dias D., Sá E., **Amorim J.H.**, Borrego C., 2014. Assessment of potential improvements on regional air quality modelling related with implementation of a detailed methodology for traffic emissions estimation. *Science of the Total Environment* 470–471, 127–137. <http://dx.doi.org/10.1016/j.scitotenv.2013.09.042>.

Amorim J.H., Valente J., Cascão P., Pimentel C., Miranda A.I., Borrego C., 2013. Pedestrian exposure to air pollution in cities: modelling the effect of roadside trees. *Advances in Meteorology*. Volume 'Advances in Urban Biometeorology 2013', Article ID 964904. <http://dx.doi.org/10.1155/2013/964904>.

Amorim J.H., Rodrigues V., Tavares R., Valente J., Borrego C., 2013. CFD modelling of the aerodynamic effect of trees on urban air pollution dispersion. *Science of the Total Environment* 461–462, 541-551. <http://dx.doi.org/10.1016/j.scitotenv.2013.05.031>.

Miranda A.I., Martins V., Cascão P., **Amorim J.H.**, Valente J., Borrego C., Ferreira A.J., Cordeiro C.R., Viegas D.X., Ottmar R., 2012. Wildland smoke exposure values and exhaled breath indicators on firefighters. *Journal of Toxicology and Environmental Health - Part A: Current Issues* 75 (13-15), 831-843. <http://dx.doi.org/10.1080/15287394.2012.690686>.

Amorim J.H., 2011. Numerical modelling of the aerial drop of firefighting agents by fixed-wing aircraft – Part I: Model development. *International Journal of Wildland Fire (IJWF)* 20, 384–393. <http://dx.doi.org/10.1071/WF09122>.

Amorim J.H., 2011. Numerical modelling of the aerial drop of firefighting agents by fixed-wing aircraft – Part II: Model validation. *International Journal of Wildland Fire (IJWF)* 20, 394–406. <http://dx.doi.org/10.1071/WF09123>.

Tente H., Gomes P., Ferreira F., **Amorim J.H.**, Cascão P., Miranda A.I., Nogueira L., Sousa S., 2011. Evaluating the efficiency of Diesel Particle Filters in high-duty vehicles: field operational testing in Portugal. *Atmospheric Environment* 45, 2623–2629. <http://dx.doi.org/10.1016/j.atmosenv.2011.02.069>.

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Borrego C., Tchepel O., Salmim L., **Amorim J.H.**, Costa A.M., Janko J., 2004. Integrated modelling of road traffic emissions: application to Lisbon air quality management. *Cybernetics and Systems: An International journal* 35(5-6), 535–548. <http://dx.doi.org/10.1080/0196972049051904>.

Borrego C., Tchepel O., Costa A.M., **Amorim J.H.**, Miranda A.I., 2003. Emission and dispersion modelling of Lisbon air quality at local scale. *Atmospheric Environment* 37(37), 5197–5205. <http://dx.doi.org/10.1016/j.atmosenv.2003.09.004>.

Other international scientific journals

André K., Järnberg L., Swartling Å.G., Berg P., Segersson D., **Amorim J.H.**, Strömbäck L., 2021. Assessing the Quality of Knowledge for Adaptation–Experiences from Co-designing Climate Services in Sweden. *Front. Clim.* 3:636069. <https://doi.org/10.3389/fclim.2021.636069>

Non-peer reviewed scientific publications

Segersson D., **Amorim J.H.**, 2020. Fysisk planering i ett varmare klimat En fallstudie för Stockholm. Report prepared for Myndigheten för samhällsskydd och beredskap (MSB). Publ. nr: MSB1679 december 2020. ISBN: 978-91-7927-093-3. 29 p. Available online at <https://www.msb.se/sv/publikationer/fysisk-planering-i-ett-varmare-klimat--en-fallstudie-for-stockholm/> (in Swedish).

Amorim JH, Asker C, Belušić D, Carvalho AC, Engardt M, Gidhagen L, Hundecha Y, Körnich H, Lind P, Olsson E, Olsson J, Segersson D, Strömbäck L, Joe P, Baklanov A, 2018. Integrated Urban Services for European cities: the Stockholm case. *WMO Bulletin - The journal of the World Meteorological Organization* 67(2), 33–40. Geneva, Switzerland. ISSN 0042-9767. https://library.wmo.int/doc_num.php?explnum_id=5439.

Persson G., Wikberger C., **Amorim J.H.**, 2018. Klimatanpassa nordiska städer med grön infrastruktur. *Klimatologi* Nr 50. Swedish Meteorological and Hydrological Institute (SMHI). ISSN: 1654-2258. 60 p. Available online at <http://smhi.diva-portal.org/smash/get/diva2:1272429/FULLTEXT01.pdf>. (in Swedish).

Segersson D., Sjökvist E., **Amorim J.H.**, 2015. Riskbild 3, Södermanland - Extrema vädersituationer. Rapport Nr 73. Swedish Meteorological and Hydrological Institute (SMHI). Dnr 2015/509/9.5. 71 p. https://catalog.lansstyrelsen.se/store/32/resource/2016_3 (in Swedish).

Books and chapters in books

Hiemstra J.A., Saaroni H., **Amorim J.H.**, 2017. The Urban Heat Island: Thermal Comfort and the Role of Urban Greening. In "The Urban Forest - Cultivating Green Infrastructure for People and the Environment". D. Pearlmutter, C. Calfapietra, R. Samson, L. O'Brien, S.K. Ostoić, G. Sanesi, R.A. del Amo (Eds.). Springer International Publishing. pp. 7-19. ISBN: 978-3-319-50279-3. DOI 10.1007/978-3-319-50280-9_2.

Miranda A.I., Martins H., Valente J., **Amorim J.H.**, Borrego C., Tavares R., Samson R., del Amo R.A., 2017. Case Studies: Modeling the Atmospheric Benefits of Urban Greening. In "The Urban Forest - Cultivating Green Infrastructure for People and the Environment". D. Pearlmutter, C. Calfapietra, R. Samson, L. O'Brien, S.K. Ostoić, G. Sanesi, R.A. del Amo (Eds.). Springer International Publishing. pp. 89-99. ISBN: 978-3-319-50279-3. DOI 10.1007/978-3-319-50280-9_10.

Tallis M.J., **Amorim J.H.**, Calfapietra C., Freer-Smith P., Grimmond S., Kotthaus S., Oliveira F.L., Miranda A.I., Toscano P., 2015. The impacts of green infrastructure on air quality and temperature. In "Handbook on Green Infrastructure: Planning, design and implementation". Chapter 2. Sinnett D., Burgess S. and Smith N. (Eds.). Edward Elgar Publishing Limited, UK. ISBN 978-1-78347-399-1. 30-49. 474 p. <https://doi.org/10.4337/9781783474004.00008>.

Azevedo P., Marques F., Fernandes J.M., **Amorim J.H.**, Valente J., Miranda A.I., Borrego C., Cunha J.P., 2014. A wearable technological solution for firefighters smoke exposure monitoring. In "Advances in Forest Fire Research". Chapter 5. D.X. Viegas (Ed.). Coimbra, Portugal. 1919p. http://dx.doi.org/10.14195/978-989-26-0884-6_144. ISBN 978-989-26-0884-6.

Miranda A.I., **Amorim J.H.**, Valente J., Monteiro A., Ferreira J., Borrego C., 2014. Forest fires effects on the atmosphere: 20 years of research in Portugal. In "Advances in Forest Fire Research". Chapter 1. D.X. Viegas (Ed.). Coimbra, Portugal. 1919p. http://dx.doi.org/10.14195/978-989-26-0884-6_30. ISBN 978-989-26-0884-6.

Amorim J.H., Miranda A.I., Valente J., Oliveira F., Borrego C., Fernandes J.M., Ottmar R., Prichard S.J., Andreu A., Fernandes P., Cunha J.P., 2014. Fire safety management based on integrated monitoring and forecast of smoke exposure. In "Advances in Forest Fire Research". Chapter 5. D.X. Viegas (Ed.). Coimbra, Portugal. 1919p. http://dx.doi.org/10.14195/978-989-26-0884-6_152. ISBN 978-989-26-0884-6.

Amorim J.H., Miranda A.I., Valente J., Cascão P., Martins V., Ribeiro L.M., Viegas D.X., 2014. Sensor grid for fine particles monitoring during a fire: implications to firefighter's safety. In "Advances in Forest Fire Research". Chapter 5. D.X. Viegas (Ed.). Coimbra, Portugal. 1919p. http://dx.doi.org/10.14195/978-989-26-0884-6_166. ISBN 978-989-26-0884-6.

Borrego C., Lopes M., Cascao P., **Amorim J.H.**, Martins H., Tavares R., Miranda A.I., Tallis M.J., Freer-Smith P.H., 2014. Urban Air Quality Models. In "Understanding Urban Metabolism: a Tool for Urban Planning". Chrysoulakis N., Castro E. and Moors E. (Eds.). Routledge, UK. pp. 79-90. ISBN: 978-0-415-83511-4. <https://doi.org/10.4324/9781315765846>.

Lopes M., Borrego C., Martins H., **Amorim J.H.**, 2014. Guidelines for Urban Sustainable Development. In "Understanding Urban Metabolism: a Tool for Urban Planning". Chrysoulakis N., Castro E. and Moors E. (Eds.). Routledge, UK. pp. 197-205. ISBN: 978-0-415-83511-4. <https://doi.org/10.4324/9781315765846>.

Ribeiro I., Valente J., **Amorim J.H.**, Monteiro A., Miranda A.I., Lopes M., Borrego C., 2014. Air quality modelling and its applications. In "Current Environmental Issues and Challenges. Cao, Giacomo and Orrù, Roberto (Eds.). Springer. pp 45-56. ISBN 978-94-017-8777-2. http://dx.doi.org/10.1007/978-94-017-8777-2_3.

Monteiro A., **Amorim J.H.**, Ferreira J., Sá M., Borrego C., 2014. Reducing Emissions of Atmospheric Pollutants. In "Global Environmental Change", Volume 1 of the series Handbook of

Global Environmental Pollution. Freedman B. (Ed.). Springer Netherlands. pp 469-478. ISBN 978-94-007-5783-7. https://doi.org/10.1007/978-94-007-5784-4_22.

Borrego C., **Amorim J.H.**, Tchepel O., Costa A.M., Miranda A.I., 2013. Air quality modelling at street-scale. In "Advanced Numerical Methods for Complex Environmental Models: Needs and Availability", chapter 5. István Faragó, Ágnes Havasi & Zahari Zlatev (Eds.). Bentham Science Publishers. pp. 327-364. ISBN: 978-1-60808-777-1. <http://dx.doi.org/10.2174/9781608057788113010014>.

Amorim J.H., Valente J., Pimentel C., Cascão P., Rodrigues V., Miranda A.I., Borrego C., 2013. Modeling the role of urban green infrastructures on students' exposure to traffic-related air pollution. In 'Recent Advances in Urban Planning and Construction'. Lee K.C. (Ed.). WSEAS Press. ISBN: 978-960-474-352-0.

Borrego C., **Amorim J.H.**, Martins H., Valente J., 2013. Planeamento urbano, qualidade do ar e exposição humana. In "Europa 2020: retorica, discursos, política e prática". Carlos Rodrigues C., Moura e Sá F., Santinha G., Lourenço Marques J., Mota J.C., Viegas M. (Eds.). UA Editora, Aveiro, Portugal. 2nd Edition, July 2013. ISBN: 978-972-789-391-1.

Amorim J.H., Valente J., Pimentel C., Miranda A.I., Borrego C., 2012. Detailed modelling of the wind comfort in a city avenue at the pedestrian level. In "Usage, Usability, and Utility of 3D City Models". T. Leduc, G. Moreau, R. Billen (Eds.). Edp Sciences, France: 03008p.1-03008p.6. ISBN: 978-2-7598-0798-7. DOI: 10.1051/3u3d/201203008

Valente J., **Amorim J.H.**, Cascão P., Rodrigues V., Borrego C., 2012. Children exposure to PM levels in a typical school morning. In "Usage, Usability, and Utility of 3D City Models". T. Leduc, G. Moreau, R. Billen (Eds.). Edp Sciences, France: 03009p.1-03009p.7. ISBN: 978-2-7598-0798-7.

Amorim J.H., Valente J., Cascão P., Rodrigues V., Borrego C., 2012. Modelling the link between urban morphology, pedestrian dynamics and individual exposure to air pollution In: 3D Issues in Urban and Environmental Systems. R. Billen, M. Cagliioni, O. Marina, G. Rabino, R. San José (Eds.). Società Editrice Esculapio, Italy. 103-110 p. ISBN: 978-88-7488-546-6.

Amorim J.H., Miranda A.I., Sá E., Martins V., Ribeiro C., Coutinho M., Borrego C., 2012. Multiscale modelling of forest fire smoke emissions impact on urban air quality at the pedestrian level. In: Modelling Fire Behaviour and Risk. D. Spano, V. Bacciu, M. Salis, C. Sirca. (Eds). University of Sassari; Euro-Mediterranean Center for Climate Changes (CMCC), Italy; 255-260 pp. ISBN: 978-88-904409-7-7.

Miranda A.I., **Amorim J.H.**, Martins V., Cascão P., Valente J., Ottmar R., Ribeiro L.M., Viegas D.X., Borrego C., 2012. Modelling the exposure of firefighters to smoke based on measured data. C.A. Brebbia and G. Perona (Eds.). In: Modelling, Monitoring and Management of Forest Fires III. WIT Transactions on Ecology and the Environment 158. WIT Press. Southampton, UK. 258 pp. ISBN: 978-1-84564-584-7. Cited by Scopus.

Borrego, C., Valente, J., **Amorim, J.H.**, Rodrigues, V., Cascão, P., Miranda, A.I., 2012. Modelling of tree-induced effects on pedestrian exposure to road traffic pollution. J.W.S. Longhurst and C.A. Brebbia (Ed.s). In: Urban Transport XVIII. WIT Transactions on Ecology and the Environment 128. WIT Press. Southampton, UK. 754 pp. ISBN: 978-1-84564-580-9. Cited by Scopus. <http://dx.doi.org/10.2495/ut120011>.

Amorim J.H., Keizer J.J., Miranda A.I., Monaghan K. (Eds.), 2011. Forest fires research: beyond burnt area statistics. University of Aveiro, Aveiro, Portugal. ISBN 978-972-789-345-4. 78 p.

Miranda A.I., Borrego C., **Amorim J.H.**, Martins V., Martins H., Cascão P., Sá E., Carvalho A., Valente J., 2011. Forest Fires, Air Quality and Human Exposure. In "Forest fires research: beyond burnt area statistics". J.H. Amorim, J.J. Keizer, A.I. Miranda, K. Monaghan (Eds.). University of Aveiro, Aveiro, Portugal. ISBN 978-972-789-345-4. 33-38.

Borrego C., Cascão P., Lopes M., **Amorim J.H.**, Tavares R., Rodrigues V., Martins J., Miranda A.I., Chrysoulakis N., 2011. Impact of urban planning alternatives on air quality: URBAIR model application. C.A. Brebbia and J.W.S. Longhurst (Ed.s). In: Air Pollution XIX. WIT Transactions on Ecology and the Environment 147. 12. WIT Press. Southampton, UK. DOI: 10.2495/AIR110021. Cited by Scopus. <http://dx.doi.org/10.2495/air110021>.

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Amorim J.H., Rodrigues V., Tavares R., Borrego C., 2010. CFD Modelling of Tree-induced Effects on Flow and Dispersion of Traffic Emissions in City Centres. Advances in Urban Rehabilitation and Sustainability. Panagopoulos T., Noronha T. and Beltrão J. (Eds.). Wseas Press, Faro, Portugal. ISBN: 978-960-474-244-8. 185 p.

Miranda A.I., Martins V., **Amorim J.H.**, Cascão P., Martins J., Borrego C. (Eds.), 2010. Exposição de bombeiros ao fumo e consequentes efeitos na saúde. Universidade de Aveiro. Aveiro. 77 p.

Miranda A.I., Borrego C., Martins H., Martins V., **Amorim J.H.**, Valente J., Carvalho A., 2009. Forest Fire Emissions and Air Pollution in Southern Europe. In: Earth Observation of Wildland Fires in Mediterranean Ecosystems. Ed. Chuvieco, Emílio, Springer Berlin Heidelberg. Chapter 12, pp. 171 – 187. ISBN: 978-3-642-01753-7. DOI: 10.1007/978-3-642-01754-4. <http://dx.doi.org/10.1007/978-3-642-01754-4>.

Borrego C., Lopes M., Valente V., Neuparth N., Martins P., **Amorim J.H.**, Costa A.M., Silva J., Martins H., Tavares R., Nunes T., Miranda A.I., Cascão P., Ribeiro I., 2009. The importance of urban planning on air quality and human health. Chapter 2, Urban Planning in the 21st Century, Eds. D.S. Graber and K.A. Birmingham, Nova Science Publishers, Inc. pp. 27-49. ISBN: 978-1-60692-975-9.

Borrego C., Carvalho A., Miranda A.I., Costa A.M., Monteiro A., **Amorim J.H.**, Valente J., Lopes M., Neuparth N. (Eds.), 2009. Investigação em Ambiente e Saúde: desafios e estratégias. Universidade de Aveiro, Aveiro. ISBN: 978-972-789-288-4

Borrego C., Neuparth N., Carvalho A.C., Carvalho A., Miranda A.I., Costa A.M., Monteiro A., Martins H., Correia I., Ferreira J., **Amorim J.H.**, Rosado Pinto J., Santos J., Silva J.V., Valente J., Martins J., Simões L., Lopes M., Tchepel O., Cascão P., Lopes Da Mata P., Martins P., Santos P., Tavares R., Nunes T., Martins V., 2009. SaudAr: A Saúde e o Ar que Respiramos. In: Investigação em Ambiente e Saúde: desafios e estratégias. Borrego C.; Carvalho A.; Miranda A.I.; Costa A.M.; Monteiro A.; Amorim J.H.; Valente J.; Lopes M.; Neuparth N. (eds) Universidade de Aveiro. Aveiro. ISBN: 978-972-789-288-4

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