

Lista publicațiilor din perioada 2021 – 2025

Prof. univ. dr. Iulian-Horia Holobâcă

1. **Holobâcă, I.H.**, Tielidze, L., Ivan, K., Elizbarashvili, M., Alexe, M., Germain, D., ... Gavrindashvili, G. (2021). Multi-sensor remote sensing to map glacier debris cover in the Greater Caucasus, Georgia. *Journal of Glaciology*, 1-12 – *prim autor*
2. Vicedo-Cabrera AM, Scovronick N, Sera F, Royé D, Schneider R, Tobias A, Astrom C, Guo Y, Honda Y, Hondula DM, Abrutzky R, Tong S, de Sousa Zanotti Stagliorio Coelho M, Saldiva PHN, Lavigne E, Correa PM, Ortega NV, Kan H, Osorio S, Kyselý J, Urban A, Orru H, Indermitte E, Jaakkola JJK, Rytí N, Pascal M, Schneider A, Katsouyanni K, Samoli E, Mayvaneh F, Entezari A, Goodman P, Zeka A, Michelozzi P, de'Donato F, Hashizume M, Alahmad B, Diaz MH, De La Cruz Valencia C, Overcenco A, Houthuijs D, Ameling C, Rao S, Ruscio FD, Carrasco-Escobar G, Seposo X, Silva S, Madureira J, **Holobaca IH**, Fratianni S, Acquaforte F, Kim H, Lee W, Iniguez C, Forsberg B, Ragetti MS, Guo YLL, Chen BY, Li S, Armstrong B, Aleman A, Zanobetti A, Schwartz J, Dang TN, Dung DV, Gillett N, Haines A, Mengel M, Huber V, Gasparrini A. (2021) The burden of heat-related mortality attributable to recent human-induced climate change. *Nature Climate Change*, **11**(6):492-500, doi: 10.1038/s41558-021-01058-x
3. **HOLOBĂCĂ I.H.**, ALEXE M. et TEMERDEK-IVAN K. (2022), Les premiers résultats de la surveillance de l'îlot de chaleur à Cluj-Napoca à l'aide du réseau automatique MICCRO (**M**onitorizarea **I**nsulei de **C**ăldura în **C**luj - **R**omania), 35ème colloque annuel de l'Association Internationale de Climatologie – AIC 2022, Meto France Toulouse, 50-55 pp.
4. Benedek, J.; Ivan, K.; Török, I.; Temerde, A.; **Holobâcă, I.-H.** Indicator-based assessment of local and regional progress toward the Sustainable Development Goals (SDGs): An integrated approach from Romania. *Sustainable Development 2021*, 1-16. - *aceeași contribuție ca a primului autor menționată în articol.*
5. Meng X, Liu C, Chen R, Sera F, Vicedo-Cabrera AM, Milojevic A, Guo Y, Tong S, Coelho MSZS, Saldiva PHN, Lavigne E, Correa PM, Ortega NV, Osorio S, Garcia, Kyselý J, Urban A, Orru H, Maasikmets M, Jaakkola JJK, Rytí N, Huber V, Schneider A, Katsouyanni K, Analitis A, Hashizume M, Honda Y, Ng CFS, Nunes B, Teixeira JP, **Holobâcă IH**, Fratianni S, Kim H, Tobias A, Íñiguez C, Forsberg B, Åström C, Ragetti MS, Guo YL, Pan SC, Li S, Bell ML, Zanobetti A, Schwartz J, Wu T, Gasparrini A, Kan H. (2021). Short term associations of ambient nitrogen dioxide with daily total, cardiovascular, and respiratory mortality: multilocation analysis in 398 cities. *British Medical Journal*, 372-534.
6. Chen K, Breitner S, Wolf K, Stafoggia M, Sera F, Vicedo-Cabrera AM, Guo Y, Tong S, Lavigne E, Matus P, Valdés N, Kan H, Jaakkola JJK, Rytí NRI, Huber V, Scortichini M, Hashizume M, Honda Y, Nunes B, Madureira J, **Holobâcă IH**, Fratianni S, Kim H, Lee W, Tobias A, Íñiguez C, Forsberg B, Åström C, Ragetti MS, Guo YLL, Chen BY, Li S, Milojevic A, Zanobetti A, Schwartz J, Bell ML, Gasparrini A, Schneider A. (2021). Ambient carbon monoxide and daily

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<http://omicron.ch.tuiasi.ro/EEMJ/issues/vol15/vol15no6.htm>
 8. Nottmeyer, L., Armstrong, B., Lowe, R., Abbott, S., Meakin, S., O'Reilly, K., von Borries, R., Schneider, R., Royé, D., Hashizume, M., Pascal, M., Tobias, A., Vicedo-Cabrera, A. M., Lavigne, E., Correa, P. M., Ortega, N. V., Kynčl, J., Urban, A., Orru, H., Rytí, N., **Holobaca, I.H.**, ... Sera, F. (2022). The association of COVID-19 incidence with temperature, humidity, and UV radiation - A global multi-city analysis. *The Science of the total environment*, 854, 158636. Advance online publication. <https://doi.org/10.1016/j.scitotenv.2022.158636>
 9. Gavrilă, I.G., Kholiavchuk, D., Holobacă, I.H. et al. Tree-ring records of snow-avalanche activity in the Rodna Mountains (Eastern Carpathians, Romania). *Nat Hazards* **114**, 2041–2057 (2022).
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 11. Daniel Germain, Olimpiu Traian Pop, Mathieu Gratton, **Iulian-Horea Holobacă**, Cristina Burada, (2022), Snow-avalanche hazard assessment based on dendrogeomorphic reconstructions and classification tree algorithms for ski area development, Parâng Mountains, Romania, *Cold Regions Science and Technology*, Volume 201, <https://doi.org/10.1016/j.coldregions.2022.103612>
 12. Yao Wu, Bo Wen, Shanshan Li, Antonio Gasparrini, Shilu Tong, Ala Overcenco, Aleš Urban, Alexandra Schneider, Alireza Entezari, Ana Maria Vicedo-Cabrera, Antonella Zanobetti, Antonis Analitis, Ariana Zeka, Aurelio Tobias, Barrak Alahmad, Ben Armstrong, Bertil Forsberg, Carmen Íñiguez, Caroline Ameling, César De la Cruz Valencia, Christofer Åström, Danny Houthuijs, Do Van Dung, Dominic Royé, Ene Indermitte, Eric Lavigne, Fatemeh Mayvaneh, Fiorella Acquaotta, Francesca de'Donato, Francesco Sera, Gabriel Carrasco-Escobar, Haidong Kan, Hans Orru, Ho Kim, **Iulian-Horia Holobaca**, Jan Kyselý, Joana Madureira, Joel Schwartz, Klea Katsouyanni, Magali Hurtado-

Diaz, Martina S. Ragettli, Masahiro Hashizume, Mathilde Pascal, Micheline de Sousa Zanotti Stagliorio Coélho, Noah Scovronick, Paola Michelozzi, Patrick Goodman, Paulo Hilario Nascimento Saldiva, Rosana Abrutzky, Samuel Osorio, Tran Ngoc Dang, Valentina Colistro, Veronika Huber, Whanhee Lee, Xerxes Seposo, Yasushi Honda, Michelle L. Bell, Yuming Guo, Fluctuating temperature modifies heat-mortality association around the globe, *The Innovation*, Volume 3, Issue 2, 2022, 100225, ISSN 2666-6758, <https://doi.org/10.1016/j.xinn.2022.100225>.

13. Qi Zhao, Yuming Guo, Tingting Ye, Antonio Gasparrini, Shilu Tong, Ala Overcenco, Aleš Urban, Alexandra Schneider, Alireza Entezari, Ana Maria Vicedo-Cabrera, Antonella Zanobetti, Antonis Analitis, Ariana Zeka, Aurelio Tobias, Baltazar Nunes, Barrak Alahmad, Ben Armstrong, Bertil Forsberg, Shih-Chun Pan, Carmen Íñiguez, Caroline Ameling, César De la Cruz Valencia, Christofer Åström, Danny Houthuijs, Do Van Dung, Dominic Royé, Ene Indermitte, Eric Lavigne, Fatemeh Mayvaneh, Fiorella Acquaotta, Francesca de' Donato, Francesco Di Ruscio, Francesco Sera, Gabriel Carrasco-Escobar, Haidong Kan, Hans Orru, Ho Kim, **Iulian-Horia Holobaca**, Jan Kyselý, Joana Madureira, Joel Schwartz, Jouni J K Jaakkola, Klea Katsouyanni, Magali Hurtado Diaz, Martina S Ragettli, Masahiro Hashizume, Mathilde Pascal, Micheline de Sousa Zanotti Stagliorio Coélho, Nicolás Valdés Ortega, Niilo Ryti, Noah Scovronick, Paola Michelozzi, Patricia Matus Correa, Patrick Goodman, Paulo Hilario Nascimento Saldiva, Rosana Abrutzky, Samuel Osorio, Shilpa Rao, Simona Fratianni, Tran Ngoc Dang, Valentina Colistro, Veronika Huber, Whanhee Lee, Xerxes Seposo, Yasushi Honda, Yue Leon Guo, Michelle L Bell, Shanshan Li, Global, regional, and national burden of mortality associated with non-optimal ambient temperatures from 2000 to 2019: a three-stage modelling study, *Lancet Planetary Health*, 5:(7), E415-E425
14. Vicedo-Cabrera AM, Scovronick N, Sera F, Royé D, Schneider R, Tobias A, Astrom C, Guo Y, Honda Y, Hondula DM, Abrutzky R, Tong S, de Sousa Zanotti Stagliorio Coelho M, Saldiva PHN, Lavigne E, Correa PM, Ortega NV, Kan H, Osorio S, Kyselý J, Urban A, Orru H, Indermitte E, Jaakkola JJK, Ryti N, Pascal M, Schneider A, Katsouyanni K, Samoli E, Mayvaneh F, Entezari A, Goodman P, Zeka A, Michelozzi P, de' Donato F, Hashizume M, Alahmad B, Diaz MH, De La Cruz Valencia C, Overcenco A, Houthuijs D, Ameling C, Rao S, Ruscio FD, Carrasco-Escobar G, Seposo X, Silva S, Madureira J, Holobaca IH, Fratianni S, Acquaotta F, Kim H, Lee W, Iniguez C, Forsberg B, Ragettli MS, Guo YLL, Chen BY, Li S, Armstrong B, Aleman A, Zanobetti A, Schwartz J, Dang TN, Dung DV, Gillett N, Haines A, Mengel M, Huber V, Gasparrini A. (2021) The burden of heat-related mortality attributable to recent human-induced climate change. *Nature Climate Change*, **11**(6):492-500, doi: 10.1038/s41558-021-01058-x