

## ***List of Publications***

(January 2019)

102. Bodenheimer, S., Lensky, I., and **Dayan, U.** (2019): Characterization of Eastern Mediterranean dust storms by area of origin; North Africa vs. Arabian Peninsula. *Atmospheric Environment* 198, 158–165.
101. Lensky, I. M., **Dayan, U.**, & Helman, D. (2018). Synoptic circulation impact on the near-surface temperature difference outweighs that of the seasonal signal in the Eastern Mediterranean. *Journal of Geophysical Research: Atmospheres*, 123. <https://doi.org/10.1029/2017JD027973>
100. Nirel R., Adar S.D., **Dayan U.**, Vakulenko-Lagun B., Golovner M., Levy I., Alon Z. and Peretz A. (2018). Fine and Coarse Particulate Matter Exposures and Associations with Acute Cardiac Events among Participants in a Telemedicine Service: A Case-Crossover Study. *Environmental Health Perspectives* 097003-1 126(9) September 2018.
99. Bodenheimer, A., Nirel, R., Lensky, I., and **Dayan, U.** (2018): Relationship between AOD and synoptic circulation over the Eastern Mediterranean: A comparison between subjective and objective classifications, *Atmospheric Environment* 177, 253–261, <https://doi.org/10.1016/j.atmosenv.2018.01.016>.
98. Tubi, A., **Dayan, U.**, and Lensky, I. (2017): Moisture Transport by Tropical Plumes over the Middle East: A 30- year Climatology. *Quarterly Journal of the Royal Meteorological Society*, 143: 3165 – 3176, DOI:10.1002/qj.3170.
97. **Dayan, U.**, Ricaud, P., Zbinden, R., and Dulac, F. (2017): Atmospheric pollution over the eastern Mediterranean during summer – a review. *Atmos. Chem. Phys.*, 17, 13233-13263, 2017. <https://doi.org/10.5194/acp-17-13233-2017>.
96. Ricaud, P., Zbinden, R., Catoire, V., Brocchi, V., Dulac, F., Hamonou, E., Canonici, J.C., El Amraoui, L., Massart, S., Pignatelli, B., **Dayan, U.**, Nabat, P., Sciare, J., Ramonet, M., Delmotte, M., di Sarra, A., Sferlazzo, D., di Iorio, T., Piacentino, S., Cristofanelli, P., Mihalopoulos, N., Kouvarakis, G., Pikridas, M., Savvides, C., Mamouri, R., Nisantzi, A., Hadjimitsis, D., Attié, J.L., Ferré, H., Theron, P., Kangah, Y., Jaidan, N., Guth, J., Jacquet, P., Chevrier, S., Robert, C., Bourdon, A., Bourdinot, J.F., and Etienne, J.C. (2018): The GLAM airborne campaign across the Mediterranean Basin. *Bull. Am. Met. Soc.* 99, 2, 361-380. 1131-1136, <https://doi.org/10.1175/BAMS-D-16-0226.1>.
95. Crouvi, O., **Dayan, U.**, Amit, R., and Enzel, Y. (2017): An Israeli haboob: Sea breeze activating local anthropogenic dust sources in the Negev loess, *Aeolian Research*, 24, 39-52. <http://dx.doi.org/10.1016/j.aeolia.2016.12.002>.
94. Kushnir, Y., **Dayan, U.**, Ziv, B., Morin, E., and Enzel, Y. (2017): Climate of the Levant: Phenomena and Mechanisms, In: *Quaternary of the Levant, Environments, Climate Change and Humans*, Y. Enzel and Ofer Bar-Yosef, Editors. Cambridge University Press, London, 31-44. ISBN: 9781107090460.
93. Nirel, R., Adar, S.D., **Dayan, U.**, Vakulenko-Lagun, B., Golovner, M., Levy, I., Alon, Z., Roth, A., and Peretz, A. (2016): Telemedicine Data Indicate Short-term Associations Between Clinical Cardiovascular Events and Ambient Particulate Air Pollution, *Circulation*, 133, Supl. 1, Meeting Abstract: P059.

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91. Ziv, B., N. Harats, Y. Yair, and **U. Dayan** (2016): Can severe rain events over the Mediterranean Region be predicted through simple numerical indices? *Natural Hazards*, 83, 1197- 1212. doi:10.1007/s11069-016-2385-y
90. Becagli, S., L. Lazzara, C. Marchese, **U. Dayan**, T. di Iorio, A. di Sarra, F. Fani, D. Frosini, D. Meloni, G. Pace, M. Severi, R. Traversi, R. Udisti (2016): Relationships linking primary production, sea ice melting, and biogenic aerosol in the Arctic, *Atmospheric Environment* 136, 1-15, DOI: 10.1016/j.atmosenv.2016.04.002.
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82. Calastrini, F., F. Guarnieri, S. Becagli, C. Busillo, M. Chiari, **U. Dayan**, F. Lucarelli, S. Nava, M. Pasqui, R. Traversi, R. Udisti, and G. Zipoli (2012): Desert dust outbreaks over Mediterranean Basin: A modeling, observational, and synoptic analysis approach, *Advances in Meteorology*, 12, doi:10.1155/2012/246874.
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