

Dr. Isabella Osetinsky-Tzidaki

Main publications:

1. P. Alpert, I. Osetinsky, B. Ziv, H. Shafir, 2004. **Semi-objective classification for daily synoptic systems: Application to the Eastern Mediterranean climate change**, Int. J. Clim., 24, 1001-1011.
2. P. Alpert, I. Osetinsky, B. Ziv and H. Shafir, 2004. **A new seasons' definition based on the classified daily synoptic systems: An example for the Eastern Mediterranean**, Int. J. Clim., 24, 1013-1021.
3. P. Alpert, C. Price, S. O. Krichak, B. Ziv, H. Saaroni, I. Osetinsky, J. Barkan, and P. Kishcha, 2005. **Tropical teleconnections to the Mediterranean climate and weather**, Adv. in Geosc., 2, 157-160.
4. I. Osetinsky and P. Alpert, 2006. **Calendaricities and multimodality in the Eastern Mediterranean cyclonic activity**, Nat. Haz. and Earth System Sc., 587-596. SRef-ID: 1684-9981/nhess/2006-6-587.
5. E. Ganor, I. Osetinsky, A. Stupp, and P. Alpert, 2010. **Increasing trend of African dust, over 49 years, in the eastern Mediterranean**, J. Geophys. Res., 115, D07201.
6. E. Ganor, A. Stupp, I. Osetinsky and P. Alpert, 2010. **Synoptic Classification of lower troposphere profiles for Dust days**, J. Geophys. Res, 115, D11201.
7. H. Saaroni, B. Ziv, I. Osetinsky and P. Alpert, 2010. **Factors governing the Inter-Annual Variation and the Long-term Trend of the 850-hPa Temperature over Israel**, QJ RMetS, B, 136, 305-318.

Main presentations:

1. E. Fredj, I. Osetinsky-Tzidaki, 2021. **Zooming-in Evaluation of the GPM IMERG Final Run Product with Sub-daily Synoptic Classification for Mixed Climates: An Example of Israel**, The 101th American Meteorological Society Annual Meeting (virtual), January 9-15, 2021.
2. I. Osetinsky-Tzidaki, 2020. **Extreme Wind Analysis: A Comprehensive Algorithm**, The 100th American Meteorological Society Annual Meeting, Boston, MA, USA, January 12-16, 2020 (hereafter: AMS 100th) [\[link\]](#)
3. I. Osetinsky-Tzidaki, 2020. **Completing the Meteorological Archive Missing Data at the Daily and Sub-Daily Time Scales**, AMS 100th [\[link\]](#)
4. I. Osetinsky-Tzidaki, 2020. **Seasonal Precipitation Forecasting by Spectral Analysis of the Large Water Body Levels**, AMS 100th [\[link\]](#)
5. N. Halfon, I. Osetinsky-Tzidaki, 2019. **Continuous Mapping of the Standardized Precipitation Index**, AMS 99th, Phoenix, AZ, 2019 [\[link\]](#)
6. I. Osetinsky-Tzidaki, 2016. **Optimization of Probability Estimates for Multi-Station Precipitation Data**. The 13th International Meeting on Statistical Climatology, Canmore, Canada, June 2016.
7. I. Osetinsky, P. Alpert, 2004. **Evaluation of GCM RCM by the classified synoptic systems approach**. The 84th AMS Ann. Meeting, Seattle, USA, January 2004.

ResearchGate contributions (in addition to the most entries listed above):

1. 2018 - **NOTE: Extreme Wind Return Period estimation in the mixed climate** [\(link\)](#).
2. 2018 - **Two printing errors in Palutikof et al (1999) "A review of methods to calculate extreme wind"** [\(link\)](#).
3. 2017 - **Calculation of GEV in EXCEL** [\(link\)](#).

Award: 1999 - Goldschmidt Award, Israeli Association for Water Resources.

Book editing: Editing Ch. "Signal Processing" in "Matlab for Engineers" by A. Biran and M. Breiner, 1995.

Reviewed for: International Journal of Climatology; Theoretical and Applied Climatology.

Additions: Matlab codes - contributions into the Matlab Central Forum.