# BRIEF CURRICULUM VITAE


## Dr. Athina Kantzioura

Assistant Professor, Democritus University of Thrace, School of Engineering,
Department of Environmental Engineering,
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### *Education*

- 2008–2014: PhD in Democritus University of Thrace. Thesis: "Impact of urban morphology on urban microclimate conditions".
- 2008–2011: MSc in Hellenic Open University. Thesis: "Study of Urban Canyon and Urban Heat Island phenomena in relation to air pollution – Case study in Thessaloniki".
- 2002–2007: Diploma in Environmental Engineering, Democritus University of Thrace.

### *Research Interests*

- Urban microclimate
- Thermal comfort conditions
- Bioclimatic urban interventions
- Energy performance of buildings
- Renewable energy integration in the built environment

### *Publications and Scientific Contributions*

- Peer-Reviewed Journal Publications: 8
  Scopus Citations (2025): 264, Google Scholar Citations (as of 2025): 434
- International Conference Papers: 33
- Book Chapters (Intl./National): 1 / 3
- Technical Handbooks: 2

### *Research Projects (2010–2022)*

Participated in 12 funded research projects at Democritus University of Thrace, with focus areas including:

- Nearly Zero Energy Buildings (nZEBs)
- Bioclimatic urban interventions
- Urban microclimate
- Energy efficiency of buildings

## *Teaching Experience*

Democritus University of Thrace (DUTH):

- Courses in undergraduate and graduate programs: Building Comfort Conditions, Ecological Building Materials, Bioclimatic Design and Simulation, Sustainable Development and the Built Environment, Energy and Buildings, Environmental Evaluation of Constructions

Hellenic Open University:

- MSc in Environmental Design – Course: “Building Environmental Design” (2018–2020)
- Supervisor of 10 MSc theses (2018–2022)

## International scientific journals


1. Dimoudi A., Kantzioura A., Toumpoulides P., Zoras St., Serghides D., Dimitriou St., Thravalou St, Metaj M., Mara E., Dorri A., (2022) The Energy Performance of Hospital Buildings in the South Balkan Region: The Prospects for Zero-Energy Hospitals. In: Sayigh A. (eds) Sustainable Energy Development and Innovation. Innovative Renewable Energy. Springer, Cham.
2. Kosmopoulos, P., Kantzioura, A., Kosmopoulos, I., Kleskas, K., Kosmopoulos, A.-M., 2017, The impact of recession on public attitudes towards energy and the environment, International Journal of Sustainable Energy, 36 (3), pp. 209-224.
3. A. Kantzioura, P. Kosmopoulos, A. Dimoudi, S. Zoras, 2015, Experimental investigation of microclimatic conditions in relation to the built environment in a central urban area in Thessaloniki (Northern Greece): A case study, Sustainable Cities and Society, Sustainable Cities and Society, Volume 19, pp. 331-340
4. Kosmopoulos, P., Kantzioura, A., 2014, Effects of urban development in microclimatic conditions in Thessaloniki, Global Nest Journal, 16 (5), pp. 840-855.
5. A. Dimoudi, S. Zoras, A. Kantzioura, X. Stogiannou, P. Kosmopoulos, 2014, C. Pallas, Use of cool materials and other bioclimatic interventions in outdoor places in order to mitigate the urban heat island in a medium size city in Greece, Sustainable Cities and Society, Volume 13, pp. 89-96
6. P. Kosmopoulos and A. Kantzioura, Surface temperatures of public buildings, built in 1880, 1970 and 2002, in Northern Greece, Advances in Energy Research, Vol. 1, No. 1, 2013, pp. 079-095
7. A. Dimoudi, A. Kantzioura, S. Zoras, C. Pallas, P. Kosmopoulos, Investigation of urban microclimate parameters in an urban center, Energy and Buildings, Volume 64, 2013, pp. 1–9
8. A. Kantzioura, P. Kosmopoulos, S. Zoras, 2012, , Energy and Buildings, Volume 44, pp. 63-72