



Evyatar Erell

Associate Professor,
Ben Gurion University of the Negev
Desert Architecture & Urban Planning
Jacob Blaustein Institutes for Desert Research
Midreshet Ben Gurion, 84990
ISRAEL
Tel: + 972 8 6596878 Fax: + 972 8 6596881
E-mail: erell@bgu.ac.il

Evyatar Erell is an architect and researcher in the field of climate and energy in the built environment. He received a professional architecture degree from the Technion - Israel Institute of Technology, a Master's degree in Geography & Environmental Development at Ben-Gurion University of the Negev, and a PhD in Architecture from the University of Adelaide. In addition to teaching, architectural design and consulting, he is involved in experimental and inter-disciplinary research, and has published on a range of topics:

- Bioclimatic design of buildings, focusing on glazing systems and daylight control.
- Passive and low-energy technologies for climatization of buildings, including the development and testing of systems for nocturnal radiant cooling and evaporative down-draft systems for evaporative cooling.
- Urban microclimate and the design of spaces between buildings, in particular modeling the effect of urban form on energy consumption of buildings and the effects of vegetation in arid locations.

Prof. Erell is co-author of several books, including a design handbook on 'Roof Cooling Techniques' and, more recently, 'Urban Microclimate – The Design of Spaces between Buildings.

Prof. Erell is a member of several expert committees at the Israel Institute of Standards, and has contributed to drafting national standards for thermal insulation and energy certification of buildings.