

The latest recipient of IAUC's Luke Howard Award is Professor Yair Goldreich of Bar-Ilan University in Israel.

Prof. Goldreich is well known as one of the key scientists in the field of urban climatology, and this is reflected in his numerous publications and multi-faceted work over the span of his 50-year career.

It was in 1963 that Yair received his MA from the Hebrew University in Jerusalem, having specialized in physical geography, meteorology and geology during his undergraduate and graduate studies. By 1965 he was already working as a consulting climatologist, and in 1970 he completed his PhD at the University of the Witwatersrand in Johannesburg, South Africa.

His research over the years was carried out both in Johannesburg and in Israeli cities, focusing on the characteristics of the urban heat island and the wind regime over urbanized terrain. These studies included both near-ground and upper-air analyses, as well as observations using remote sensing techniques. Prof. Goldreich also examined the urban "rainfall island", and pursued methods to distinguish between the effects of urbanization and the yield produced by cloud seeding.

Prof. Goldreich is also well known for his scientific work on regional climatology. His book *The Climate of Israel: Observation Research and Application* (2003) is not only a textbook, but rather a comprehensive in-depth review for climatologists and meteorologists.

In 2005 Prof. Goldreich officially retired and was awarded Professor Emeritus status, but since then has continued his research and his active participation in international conferences. To this day he teaches courses at Bar-Ilan University, where he has been a fixture of the academic staff for over four decades. He has been the President of the Israel Geographical Society since 2011, and until March 2009 he served as the Chairman of the Israel Meteorological Society. Goldreich continues his work as Editor of the on-line journal *Meteorologia Be'Israel*.

On behalf of the IAUC and its Awards Committee, a warm congratulations to Yair, his wife and five children, and his 27 grandchildren – Mazal Tov!

See also: <http://www.urban-climate.org/newsletters/IAUC050.pdf>