

**Citation: Professor Dr Wilhelm Kuttler
for the International Association for Urban Climate's 2018 Luke Howard
Award**

The International Association for Urban Climate is pleased to announce Prof. Dr Wilhelm Kuttler as recipient of the 2018 Luke Howard Award for Outstanding Contributions to the Field of Urban Climatology.

Prof. Kuttler's contributions to the field over a 40-year career include important works on urban air quality, carbon cycle, temperature and humidity effects, and the linking of urban climate knowledge to planning practice. His career has bridged a critical period when urban climate science developed from a largely descriptive study into a physically-based understanding of the links between urbanisation and atmospheric changes. His work straddled the North American approach based on measurement and modelling within the context of the energy budget, and the German and Japanese approach that took a more 'holistic' landscape approach in its study of city climates, the latter retaining its strong links with urban planning and design. Prof. Kuttler's publications incorporate the research cultures of both of these approaches. Generations of students in Germany and beyond have read and learned from his writings and have frequently benefitted from his critical, but always constructive, feedback at conferences, workshops and seminars.

Nationally, within Germany Prof. Kuttler's work has had huge impact on municipal and federal state planning and legislation, as well as planning guidelines and codes. He has lead the production of more than 80 expert reports for cities, towns and municipalities in Germany and later contributed to national standard literature on climate change in Germany. As a result of his work he has been awarded several national prizes, including the Badge of Honour of the German Association of Engineers, and the Reinhard Süring Medal of the German Meteorological Society for his applied meteorological work in the fields of urban climate and air pollution.

Internationally, for many years Prof. Kuttler has been a leader in the development of the field of urban climatology and its communication. Apart from his role as Professor of Urban Climate at Essen, he has worked with colleagues on a series of international meetings (Japanese-German Meetings on Urban Climatology) to increase scientific dialogue in the field and to discuss urban planning techniques to incorporate urban climate knowledge. In 1996, he was the Head of the Scientific Committee that hosted the International Conference on Urban Climatology (the first such conference named ICUC) in Essen. Subsequently he has served on the Board of the IAUC and contributed to each of the ICUC events. As a senior and respected member of the international community of urban climatologists, Prof. Kuttler has made a huge contribution to the development and success of the present-day IAUC.

In summary, the IAUC resolves that for his outstanding leadership in the development of urban climate science, and for his promotion of the international community that has emerged, Prof. Kuttler is a very worthy recipient of the Association's highest honour, the Luke Howard Award for Outstanding Contributions to the Field of Urban Climatology.

Respectfully,
Nigel Tapper

On behalf of the Awards Committee and Board of the IAUC