

Ventilating cities ; air-flow criteria for healthy and comfortable urban living

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Abstrak

This book discusses how to evaluate the urban wind environment, including ventilation performance and thermal comfort. This book is organized in two parts, wind environment and the urban environment and criteria for assessing breeze environments. It includes chapters on sea breeze in urban areas, thermal adaptation and the effect of wind on thermal comfort, health risk of exposures, pollutant transport in dense urban areas, legal regulations for urban ventilation and new criteria for assessing the local wind environment.