



Environmental Design

27/02/2019

- **A Building's layout and location can reduce heat and noise levels.** Design to reduce the potential impact from external noise sources. For example, noise sensitive rooms such as bedrooms can be located away from busy roads.
- **Think about light, heat and wind when choosing building materials.** Materials that reflect heat and light could affect the ease of passersby and can be easily avoided by using low reflectance materials and flat panels.
- **Tranquillise extreme wind conditions.** Considering how to mitigate down drafts during the design process will avoid costly retrofitting later on. Also keep in mind the impact of wind on different users such as cyclists and pedestrians.
- **Consider the user when choosing where public spaces should go.** Use a thermal comfort map of the city to help you decide the best possible location for public spaces. Remember, people are more likely to spend time in spaces that are at a comfortable temperature.

Speakers:

Dr. Julie Fitcher, Architect, RIBA
Andrew Allsop, Wind Engineer, ARUP
Giulia Matteoni, Senior Engineer, ARUP
Daniel Baker, Senior Environmental Health Practitioner, MAS
Anna Coppel, Senior Engineer, ARUP
Mutlu Ucuncu, Senior Engineer, ARUP
Gwyn Richards, Assistant Director, City of London Corporation

Attendees: 85