

Event: **Daylighting and Compliance: A help or hindrance for better buildings?**

Date: **Wednesday 3rd November 2010**

Time: **18:00 for 18:30 start (finish 19:30)**

Venue: **BDP – Ducie Street, Manchester**

Speaker: **Dr. John Mardaljevic**

Cost **Free**

Drinks will be served from 18:00.

The drive towards sustainable, low-energy buildings has increased the need for reliable methods to evaluate whether a 'daylit' building meets minimum standards for energy and human comfort performance. Current metrics do not account for the temporal and spatial aspects of daylight, nor of occupants' comfort or interventions. This presentation will:

- Review the historical basis of current compliance methods for achieving daylit buildings and examines upcoming draft proposals e.g. LEED, ASHRAE, etc.
- Propose a technical basis (called climate-based daylight modelling) for the development of better metrics.
- Describe case study examples showing how climate-based metrics can be applied in a practical, real-world context.



BDP Manchester

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Directions

BDP's new Manchester Studio's, both BREEAM Excellent and Carbon neutral, sustainably located at Piccadilly Basin close to Manchester's main railways station. Entrance is via Ducie Street close to the canal bridge.

by Car

There are several NCP car parks located near 11 Ducie Street.

by Rail

Piccadilly Railway station is located approximately 500 meters away from 11 Ducie Street.

by Air

Manchester Airport has a railway station with frequent trains to Piccadilly, taxis and buses are also available.