

WINTER LECTURE SERIES

“Towards a more Sustainable Built Environment”



by

Professor Phillip Jones

*Chair of Architectural Science & Head of School
Welsh School of Architecture, Cardiff University*

Date: Tuesday, 27th November 2007

Venue: Rochestown Park Hotel Conference Centre

Time: 8 p.m. *Sharp*

Professor Phillip Jones is chair of Architectural Science and Head of School at the Welsh School of Architecture, Cardiff University, which is currently the UK's highest research rated School of Architecture and has been top in the Times Higher Education league table for the past two years. The School hosts the WAG Centre for Research in the Built Environment, the BRE Centre for Sustainable Design and the UK Centre for Education in the Built Environment.

His teaching and research activities encompass a range of subjects in the field of energy use, environmental design and sustainability in the built environment. He is currently working on research projects in Wales, Europe, Middle East and China. From 2000 to 2006 he was a member of the UK Government Building Regulation Advisory Committee (BRAC) and he chaired of the working groups that produced the Approved Document L 'conservation of fuel and power' and Approved Document F 'ventilation', working groups. He currently chairs the European COST C23 'Low carbon Urban Built Environments' network which has 19 member states.

His work with industry includes environmental design consultancy on a range of projects, for example, façade design in Switzerland with Kopitsis Bauphysiq, energy analysis of the Pearl Island development in Qatar, and building physics on the Atkins design Lighthouse building which is Dubai's first low carbon high rise tower.

The talk will address the importance of the built environment in relation to sustainable development. It will consider the sustainable design of new buildings, how existing buildings may be addressed and the importance of urban scale developments. It will address the issue of how we might progress to a low / zero carbon built environment and what might be the appropriate mechanisms for change.