

Concurrent Session K
Wednesday 2 September
1.00pm – 1.50pm



Session 7
Campus of the Future
Anne Kovachevich
Arup

Anne is the Queensland ESD Leader working in the Arup Brisbane buildings group. She has a strong technical background in computer modelling and sustainable building design. Anne is also the Foresight and Innovation Representative for the Australasian region for Arup. Anne has over 16 years' experience working in Sustainable Building design and has led many green building projects including the Carbon Neutral 6 Star Green Star Design Education building the Global Change Institute.

As part of the Arup Foresight and Innovation group Anne looks to develop innovative strategies to design for future trends. This includes research of current trends, new technologies and behavioural change.

Anne was invited to be a part of the expert panel for Queensland at the Green Building Summit in 2013 and was a guest presenter at Green Building day in 2014.

In 2012 Arup's Foresight and Innovation group published a report titled Campus of the Future. This report summarized 2 years of research including a number of conversations and workshop events with higher education institutions and other educational bodies both in the USA and in the UK. In addition to desktop research, there were discussions with many engineers, architects, designers, planners, academics, administrators, facilities managers, technology experts and behavioural psychologists.

The aim was to develop strategic ideas and design concepts about the future of the educational campus, with a view to generating thought leadership which was to be shared and co-developed further. The research focused on what would happen in higher education of the next 20 or 30 years.

The main themes of the research were broken down into 4 topics:

- Students of the future- more diverse student intake including mature age and international students;
- Changing the delivery of higher education- technology enabled students who are constantly connected with multiple devices and are looking for a collaborative approach to learning;
- Physical facilities and learning environments – including web based environments and intelligent buildings;
- Skills needed by future employers – including skills needed by industry and collaborations between universities and commercial entities envisioning the world in 2030.

In this presentation the Australasian Foresight and Innovation representative for Arup will introduce and discuss the existing report and build on the work presenting current trends in these areas with an Australasian focus. Recent workshop and interviews have been conducted which highlight new trends which will be reported on in this presentation.