

**The Institution of Structural Engineers  
Presents**

## **Sustainability for Structural Engineers**

*Sustainability is not only about addressing climate change, water shortage, energy, transport or any other single issue. It's about solving these challenges using an integrated approach from strategy development to technical consulting to project implementation - Lee McIntire, Chairman and CEO, CH2M HILL.*

The building industry is second to food production in the consumption of raw materials in the world today. As structural engineers, we need to be aware the impacts that our decisions have on the environment around us.

**Date: Wednesday 14<sup>th</sup> September 2011 (0900-1700)**

**Location: DIT, Bolton St, Dublin**

**Cost: €120 (€150 for Non-members)**

(Coffee & registration from 8.30 am in the college)

Please **REGISTER** in advance for this seminar by sending your name, contact number and company to [registrations@istructe.ie](mailto:registrations@istructe.ie)

This seminar examines the impacts of existing legislation on the structural engineer and how the existing building assessment tools assess sustainability. The assessment of embodied energy and carbon, what it means and how we calculate it are reviewed for specific materials. As we become more focused on re-use of materials, the refurbishment of buildings and how we introduce sustainability measures into existing structures is a challenge which needs to be addressed.

This seminar will also cover some case studies of existing buildings incorporating the principles of sustainability and sustainable design that will be outlined throughout the course of this seminar.



Please contact [Sadhbh Ní Hógáin](mailto:Sadhbh.Ní.Hógáin@istructe.ie) at [info@istructe.ie](mailto:info@istructe.ie) should you require any further information,  
Email Subject: Sustainability Seminar 2011.