



**EVENING MEETING**

**MONDAY 26<sup>TH</sup> JANUARY, 2009 at 5:30 PM**

One Great George Street, London

(Nearest tube: Westminster)

**Dams and hydropower development in India**

By

**David Birch and Paul Williams (Halcrow Group)**

For a brief synopsis see overleaf

**Admission Free**

**Teas Available from 5.00pm**

**For more information please contact**

**Tim Fuller (BDS Secretary) on 020 7665 2234 or Email :  
bds@ice.org.uk**



## Dams and hydropower development in India

Dams have been constructed in India for more than 1,000 years, initially for water supply and irrigation and more recently for hydropower, flood attenuation and as multi-purpose schemes.

The talk will present the development of dams as part of hydropower projects over the last 100 years and discuss the place that dams will have in the Indian hydropower schemes of the future. It will discuss some of the issues related to dams in India, such as the Indus Water Treaty and large storage reservoirs, and how the resolving of these is shaping the way in which hydropower is being developed.

The Indian Government is committed to satisfying approximately 50% of its power demand from hydropower sources, including pump storage, by 2040. This is an ambitious target given the current hydropower share of 12% and the financial environment. The talk will discuss the current approaches to hydropower development in India and consider how this may need to change in the future.

We will close by giving some examples of current and planned hydropower projects in India and consider the key drivers in determining the designs of these schemes.

David Birch is the Regional Managing Director for Halcrow Asia and was previously the Managing Director for Halcrow India. Paul Williams is Halcrow Chief Engineer for Hydropower and is currently working in India.