

INVITED SESSION SUMMARY

Title of Session: Improving Building Energy and Environmental Assessment Rating

Name, Title and Affiliation of Chair: Emeka Efe Osaji, University of Wolverhampton

Details of Session (including aim and scope):

Introduction and Background:

Building energy and environmental assessment rating facilitates the evaluation of building specification, design, construction and use by using an Environmental Performance Indicator for the award of performance score ratings, and for the certification of building energy and environmental efficiency.

There are about thirty-seven building energy and environmental assessment rating tools spread over 29 different countries, and the five key ones are:

- BREEAM (Building Research Establishment Environmental Assessment Method).
- USGBC LEED (U.S. Green Building Council Leadership in Energy and Environmental Design).
- CaGBC LEED (Canada Green Building Council Leadership in Energy and Environmental Design).
- GBCA (Green Building Council Australia) Green Star.
- HQE (High Quality Environmental) Standard.

Despite the benefits of Building Energy and Environmental Assessment Rating, it has limitations, but this also presents opportunities for improvements so that Building Energy and Environmental Assessment Rating can fulfil its role more effectively.

Theme and Scope:

Therefore, this special session aims to disseminate knowledge about: The Role of Building Energy and Environmental Assessment Rating; and The Best Ways to Improve Building Energy and Environmental Assessment Rating in order for it to better support and facilitate building energy-efficiency.

Original papers are invited for consideration on a range of topics related to this special session's theme, that is, *Improving Building Energy and Environmental Assessment Rating*. These original papers can focus on: Applications; Case Studies; Critical Review of Literature; Frameworks; Methodologies; etc.

Paper Formatting and Submission Instructions:

Paper formatting instructions can be found at either of these links:

<http://mgef-13.sustainedenergy.org/submission.php> ; or <http://seb.sustainedenergy.org/submission.php>

Submission Procedure:

Papers should be submitted by:

- Visiting the following webpage <http://mgef-13-full.prosemanager.com/submitpaper.asp>
- Selecting "IS03: Improving Building Energy and Environmental Assessment Rating" from the Session Name drop-down menu
- Filling out the requested information on the webpage
- Clicking the Submit Paper button.

Paper Submission Dates and Deadlines:

- Submission of full papers for review: 25 February, 2013
- Notification of acceptance: 1 April, 2013
- Upload of final camera-ready publication files (hard deadline - will not be extended): 1 May, 2013

Main Contributing Researchers / Research Centres (tentative, if known at this stage):

Website URL of Call for Papers (if any): <http://seb.sustainedenergy.org/cms/user/ISdisplay.php>

Email & Contact Details: e.osaji@wlv.ac.uk