



# 2 Day Training on Building Performance Analysis IES Virtual Environment Software Technology

Thursday 18th – Friday 19th January 2018



**VGBC** | Vietnam Green Building Council  
Hội đồng Công trình xanh Việt Nam

INFO

## EVENT DETAILS

**TIME** 09:00-17:00 ICT

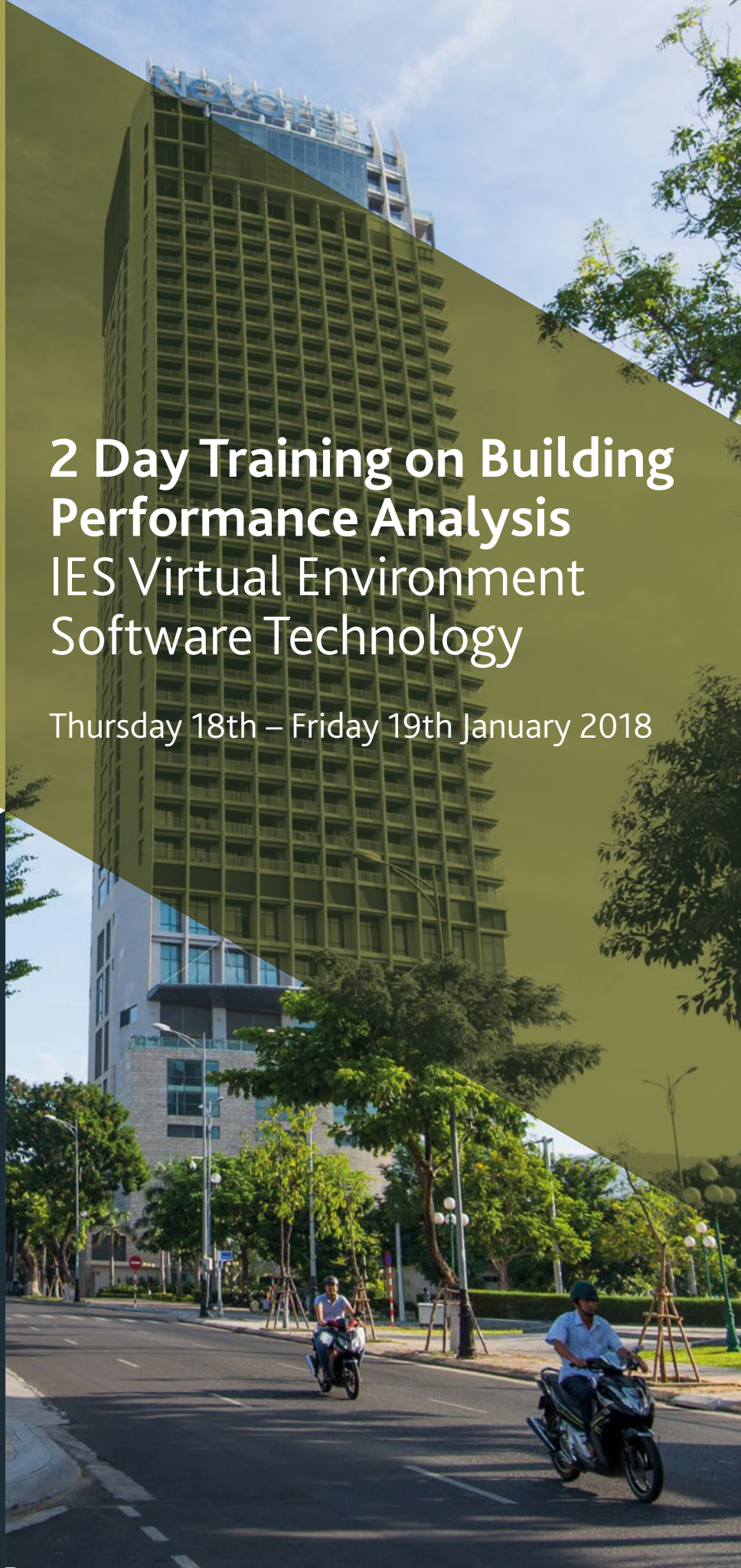
**DATE** 18-19 January, 2018

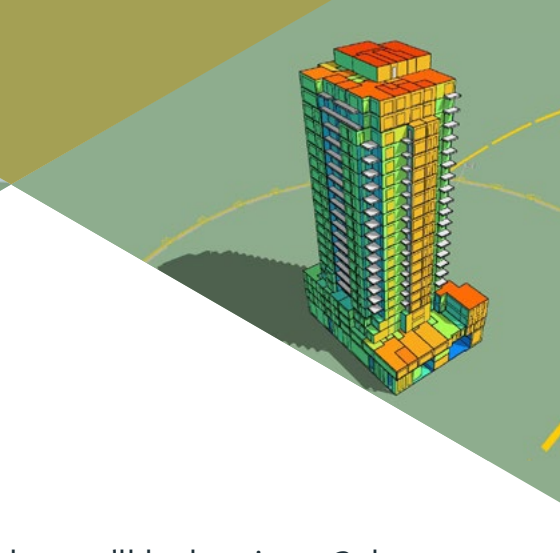
### LOCATION

Vietnam, venue TBC

**COST** £75, per person

[www.iesve.com](http://www.iesve.com)





**2 DAY TRAINING  
ON BUILDING  
PERFORMANCE  
ANALYSIS**

The building industry is the largest energy consuming sector in the world, with buildings being responsible for 40% of global carbon emissions. Energy use in buildings is expected to increase sharply due to an expected increase in population, improvements in living standards, economic development and migration of population from rural to urban areas.

We're pleased to announce that we'll be hosting a 2 day face-to-face training course on Building Performance Analysis using IES Virtual Environment (IESVE) software technology in association with Vietnam Green Building Council. The course will take place from Thursday 18th – Friday 19th January 2018 in Vietnam.

IESVE can help you to design buildings which take into account various factors from building design to thermal properties, helping to reduce the energy consumption of buildings thereby making them sustainable and efficient.

The course will offer valuable and effective training in an interactive 'hands-on' format and is suitable for those who have little or no experience with the VE. Please note the current version of the software - VE2017 - will be used during the course.

**DAY 1**

- ModelIT**  
Master how to create the geometry of a 3D building model using a variety of techniques, edit the geometry and add glazing.
- SunCast**  
Create images and movies of the solar shading in and around the building and learn how to perform shading calculations.
- RadianceIES**  
Learn how to perform sophisticated internal and external luminance or illuminance daylight simulations, to generate 3D lighting images and to view daylighting levels or daylight factors within a building.

**DAY 2**

- ApacheSim**  
Create construction and thermal data within the VE and learn how to assign this data to the 3D building model. Learn how to perform dynamic thermal simulations/load calculations, and how to view results.
- Introduction to ApacheHVAC**  
Learn the basics of creating HVAC plant and control networks for a building.

**INFO**

**CONTACT**

To book please contact  
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