

Susan Roaf

JURY MEMBER



Susan Roaf is Emeritus Professor of Architectural Engineering at Heriot Watt University, Edinburgh. She is an award winning author, architect and solar energy pioneer. Her research has covered windcatchers, traditional Middle Eastern technologies and nomadic architecture in Iran, Mesopotamian archaeology, photovoltaics, low carbon, resilient and sustainable design and thermal comfort. Her 22 books include: *Ecohouse: A Design Guide*; *Adapting Buildings and Cities for Climate Change*; *Benchmarks for Sustainable Buildings and Energy Efficient Buildings*.

She was an Oxford City Councillor, a Board member on the UK Architects Registration Board and is a Non-Executive Director of AES Solar Energy Ltd., and Managing Director of Ecohouse Initiative Ltd. Her ongoing activities cover carbon accounting (www.icarb.org); resilient design (<https://www.resilientdesign.org/advisory-board/>), natural ventilation and COVID and extreme design (www.extremedesign.org). She Chaired PLEA 2017 promoting natural energy buildings (www.plea2017.net) and Co-Chaired the Windsor Conference on Comfort 2020 (www.windsorconference.com) and the Comfort at the Extremes Conference in Dubai in April 2019 (www.comfortattheextremes.com).

In 2020 she was awarded the prestigious International Farabi Award for Iranian Studies and previous recognitions of her work were in 2013 Top 6 - UK 'First Women' Awards as a 'Visionary' in the Built Environment'; in 2013 Top 10 'Women in Architecture' Awards, Architect's Journal, and in 2010 'the AJ's most influential UK architectural academic' in the field of Sustainable Design. She lectures internationally, and is an expert adviser in the field of energy and buildings to organisations in the USA, Austria, New Zealand, Norway and Italy.



Susan Roaf in February 2020, working on an Extreme Tent in Antarctica – designed by her using lessons learnt from living in the Black Tents of the Lurs:

www.extremelodge.org/home/blog/

