

UK-Jordan Researcher Links Workshop

Call for Participation

Transitioning to Energy Efficient and Carbon Neutral Buildings - Developing a Roadmap for Jordan

Disciplines

Built Environment, Engineering, Business, Energy management and social sciences.

Dates and venue

21st to 24th April, 2019 at Philadelphia University, Amman, Jordan

Workshop Background:

Jordan is highly dependent on imported energy, with 3% of its energy demand met locally and 97% energy imports. Increasing energy demand, high prices of fuels and growing concern about climatic change are driving a strategic rethink towards how Jordan consume its energy. Buildings are the biggest energy consumers, resulting from heavy electrical loads from lighting, cooling and appliance usage. According to Jordan's Ministry of Energy and Mineral Resources, residential sector consumed around 43% of the total energy, followed by the Industrial (25%) and Commercial (15%) sectors in 2016. Majority of Jordan's building stock is developed without an explicit consideration of energy efficient design principles.

The proposed 4-day workshop aims to provide a platform for sharing of experiences and adoption of best practices taking into account local limitations, leading to development of a roadmap to reduce Jordan's in-building energy consumption and shape its future research, innovation and policies in energy efficient building design, thus, representing a huge opportunity to achieve its energy import reduction targets. The workshop coordinators intend to bring together multifaceted knowledge base and skills in the areas of engineering, data management, smart buildings innovations, energy and material management, integrated building design, energy financing, building retrofits and policymaking.

The workshop will help in bringing together key regional and governmental expertise in tackling complex building energy management problems. The workshop will enhance capability and skills of participants in the area of Green Building Energy, Building Information Modelling, High Performing Buildings and Energy Behavioural Modelling and will benefit Jordanian population by reducing their energy consumption in a sustainable manner.

Sponsorship

Newton Fund will cover the costs related to the participation in the workshop, including: travel (both international and local), accommodation and meals only for up to 20 UK resident researchers. Costs for the visa, and travel insurance will be covered for UK participants; however participants will be responsible for making all the necessary arrangements. The workshop organisers accepts no responsibility for any problems which may occur when the participants are in-country .

Application Deadline

The full application form (available by clicking here) must be completed and submitted by the 15th Feb, 2019 by 16:00 GMT .

Eligibility Criteria

- Applications must be submitted using the Researcher Links application form
- Application must be submitted before the deadline.
- Participants must be Early Career Researchers: Early Career Researchers are defined as holding a PhD (or having equivalent research experience) and having up to 10 years post-PhD research experience. They are equivalent to the 'Recognised Researcher' and sometimes 'Established Researcher' categories in the EU framework for researchers' careers.
- Participants must have a research or academic position (a permanent post, research contract, or fellowship etc.) at a recognised research institution either in the UK and Jordan.
- Please note that participants are expected to attend all sessions of the 4 day workshop.

Quality Assessment

- Experience and relevance of the applicant's research area to the workshop
- Motivation and contribution to the aims of the workshop
- Description of the long term impact expected through the participation in the workshop
- Ability to disseminate workshop's outcomes

Selection Procedure

- Eligibility check
- Quality assessment

Notification Results

Only the successful applicants will be notified by email by 1st March, 2019.

Equal Opportunities

Equal opportunities and diversity are at the heart of the British Council's cultural relations ambitions. While recognising that some research fields are dominated by one particular gender, coordinators are encouraged to work towards an equal gender balance and promote diversity. They must not exclude applicants on the basis of ethnicity, gender, religious belief, sexual orientation, or disability. Participants' selection undertaken by workshop organisers must not contravene this policy. Extra support to enable participation of Early Career Researchers with special needs will be given.

Contact Person

Prof. Aziz Zeeshan (Z.Aziz@salford.ac.uk) for UK participants

Dr. Ala'a Alshdiefat (aalshdiefat@philadelphia.edu.jo, alaasms2002@gmail.com) for participants from Jordan

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