

AARHUS UNIVERSITY

EXTERNAL SEMINAR

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Frederiksborgvej 399, 4000 Roskilde

Friday 11 January, 10.00 – 11.00

Venue: Aarhus University, Risø Campus, Pavilion (P1.16)

Title: Sustainable energy access for livelihoods improvement in developing countries – a multi-criteria approach

Speaker: Dr Judith A. Cherni, Centre for Environmental Policy, Imperial College London, UK - Research Fellow and Lecturer. Research interests: International development, energy technology, sustainable development, policy & energy markets, modelling energy and policy, political economy, focus on developing countries. Issues of globalization, poverty and environment; research methodology; social sciences approaches; interdisciplinary studies. Home page: <https://www.imperial.ac.uk/people/j.cherni>

Abstract: Enabling energy access to off-grid areas is a challenge in many developing countries, albeit close to 100% electrification has been achieved in urban areas. Often, where electricity is unavailable also levels of poverty can be very high, however resources may be suitable to generate some type of renewable energy. Therefore, the challenges posed by increasing energy access are not just technical but comprise additional dimensions such as financial, environmental and social. A multi-criteria approach to sustainable energy provision and appropriate technology for improving livelihoods will be discussed. Modelling is used to assist the choice of appropriate energy options for providing sufficient power to fulfil local demands. The application of this modelling approach will be demonstrated through case studies.

Host: Steen Solvang Jensen and Marianne Zandersen, SGA for Sustainable Energy and Environment

External Guests interested in attending the presentation should e-mail Department Secretary Christel Ege-Johansen, cej@envs.au.dk

