

Jonathan Rouse Curriculum Vitae

Profile

- Specialist in household energy and indoor air pollution
- Ten years of experience as project manager, researcher, trainer and fieldworker including more than three years overseas
- Widely published including books, journal papers and reports
- Multidisciplinary background in science and social science

Education

MA (Developing World) Rural Development

1998 – 1999 University of Sussex

Thesis title: 'Improved Cookstove Programmes: Fundamental Criteria for Success'

BSc Applied Physics, with French modules

1994 – 1997 University of Nottingham

Career summary

2005 – Present: Director HED Consulting, and Independent Consultant

- Director of HED Consulting Ltd, a UK-based consultancy specialising in household energy and development research, specialist advice and training.
- Worked on a diverse range of short- and medium-term contracts as specialist adviser, project coordinator, researcher, author and trainer.
- Clients include the World Bank, World Health Organisation, Asian Development Bank, United Nations, Berkeley Air, Practical Action, and JP Morgan Climate Care.

2005: World Health Organisation, Geneva, Switzerland.

Seconded Household Energy Specialist.

- Researched and wrote the 'Catalogue of Evaluation Methods', a tool for facilitating a globally-coordinated approach to evaluating household energy and indoor air pollution interventions. Pub 2008: www.who.int/indoorair/publications/methods
- Developed and delivered household energy monitoring training modules in Guatemala, South Africa, Sri Lanka and Vietnam.

2000 – 2005: Water, Engineering and Development Centre (WEDC), Loughborough University, UK.

Assistant Programme Manager.

- Won, managed and delivered research and consultancies worth over \$500k.
- Undertook many months of participatory fieldwork in South Asia and Africa.
- Lectured postgraduates and trained development professionals in participatory fieldwork methods, household energy and urban livelihoods.

2000: India Development Group, India.

Project Manager.

- Used participatory approaches to design and promote an improved cooking stove with women and entrepreneurs in a village near Lucknow, India.

Key projects and consultancies

Household Energy & Carbon Finance Specialist. Africa.

Improved Cookstove Carbon Finance Project. US-based C-Quest Capital LLC. 2010

- Planning and executing a due diligence assessment of a proposed improved cookstove project in Africa, including assessments of the market, biomass sources and in-situ stove performance.
- Managing recruitment of local teams, study designs and scope, planning and logistics of fieldwork, budgets, and data analysis and reporting.

Household Energy Monitoring Specialist. South Asia & East Africa.

Carbon offset stove program, JPM Climate Care. 2008 – 2009

- Led baseline studies including kitchen surveys, kitchen tests, and non-renewable biomass (NRB) studies in Bangladesh. Recruited and trained field workers, developed survey materials, and analysed and reported on data.
- Completed an NRB study for South India, and preliminary studies and fieldwork for Tanzania and Kenya.

Household Energy and Community Development Specialist. Bangladesh.

Indoor Air Pollution Reduction Pilot Planning Project. World Bank. 2007 - present

- Developing a household energy and IAP-reduction project based on extensive reviews of energy and sanitation approaches.
- Frequent visits to Dhaka to consult stakeholders and government and provide guidance and advice on technology and monitoring to consultant organisations.

Livelihoods Adviser and Evaluator. Kenya, Sudan, Zimbabwe.

Improving the Urban Environment (IUE). Practical Action/ Comic Relief. 2008

- Evaluating the impact and implementation of a 3-year £850k project, including field visits and extensive literature review. Prepared report and practical recommendations to Practical Action, many of which have been followed up.

Household Energy Monitoring and Evaluation Specialist and Trainer.

World Health Organisation. Guatemala, South Africa, Sri Lanka and Vietnam. 2005-7

- Trainer at four workshops attended by more than 100 participants representing governments, academia, the private sector, donors and NGOs from across South America, Africa, and Asia.
- Developed and delivered training modules on 'Socio-economic impact evaluation'; 'Questionnaire development'; and 'Participation and ethics'.

Composting and Marketing Specialist.

Department of Water and Sanitation in Developing Countries, Switzerland. 2007

- Researched and wrote a practical handbook on marketing compost in low-income countries. Published 2008.

Livelihoods and Strategic Planning Specialist. Pakistan

Capacity Building for Environmental Management in Sindh. Asian Development Bank/ Halcrow Pakistan Ltd. 2006

- Developed municipal strategic planning tools for small towns in Sindh and drafted provincial Solid Waste Management Policy.
- Advised on best practices from across South Asia, particularly accounting for the role of the informal sector, communities and small enterprises.

Indoor Air Pollution Specialist. Bangladesh

US Agency for International Development (USAID)/ Concern, 2004

- Assisted in developing the indoor air pollution research and intervention component for the 5 year Child Survival Programme in Bangladesh.

Team Leader: Small Business Growth Programme, India

USAID/ ACIDI-VOCA, 2004

- Two month consultancy based in India assessing the potential for outsourcing urban services to small enterprises.

Project Manager: Household energy; lessons from water and sanitation

Shell Foundation, 2003

- Consulted practitioners and policymakers in the UK and India to investigate opportunities for cross-learning between the energy, water and sanitation sectors.

Project Manager: Involving the poor in urban development

Department for International Development (DFID), 2002 - 2005

- Designed and managed a research project focusing on the impact of energy, solid waste and transport policy on the livelihoods of the poor.
- Recruited and trained partners in Bangladesh, Pakistan, India and Ethiopia.
- Applied the Sustainable Livelihoods Approach as a research framework, to gain a broad and detailed understanding of poverty impacts.

Ongoing advisor and supervisory roles

Household Energy / Socio-economic Impacts Adviser

- Supervisor for MSc Thesis on improved stoves. Exeter University, UK. 2010.
- Advisor for the World Bank Ethanol as a Household Fuel in Madagascar project. Practical Action Consulting, 2009.
- Co-Investigator for Bangladesh community-based health impact assessment study, International Centre for Diarrhoeal Disease Research (ICDDR,B), 2009.
- Co-developing a socio-economic monitoring component for the Shell Foundation Breathing Space programme. Berkeley Air Monitoring Group, 2008 – present.
- Provision of technical advice on monitoring and evaluation of household energy interventions to Partnership for Clean Indoor Air (PCIA) global partners.

Other information

Languages

French - intermediate.

Bahasa Indonesia – intermediate in 1995.

Hindi/Urdu – good basic conversation (attended language school in India 2005).

Date of birth: 24 September 1974

Nationality: British

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