

Curriculum Vitae
Dr Judith Alazraque Cherni

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Research Fellow/Lecturer – Centre for Environmental Policy (CEP), Imperial College London, UK

Research interests & experience

Modelling of energy supply and demand, sustainable livelihoods and renewable technologies. This interest progressed from her studies on international development, environmental politics and policy, and sustainability, particularly in developing countries. Experience on multi-criteria & systematic approaches to energy decision-making, and interest in globalisation and market reforms, regulation and policy incentives with simultaneous implications for climate change and environment. From a strong focus on Latin America, the geographic reach of her work has expanded to include most developing regions.

Qualifications - PhD (Geography Environment/Economics), London School of Economics & Political Science

Contributions to Innovation - SURE DSS - Sustainable Rural Energy- Multi-Criteria Decision Support System

Selected funded research projects

Energy for Development: promoting access to renewable and sustainable energy in Chocó. A UK-Colombia collaboration (PI) (British Council Newton Funds)

Renewable Energy for Sustainable Rural Livelihoods (RESURL I, II, and III) Principal Investigator (PI); universities in Colombia, Cuba, Peru, Spain (UK DFID)

Rural livelihoods in Western China, renewable energy & climate change communication. UK PI, China DRC Energy Research Institute, Tsinghua University. (British Council, DFID)

Communication, Environment & Energy in Cuba (UK FCO)

Has supervised numerous post-graduate MSc and PhD projects

Other Roles

Chairman of the UK Anglo-Argentine Society 2015-2017; and president of the Association of Argentine Professionals in the United Kingdom (APARU) 2007-2013

Few selected Publications

- Curry, C. and Cherni, J.A. (2017) The solar water heaters programme to address energy poverty in South Africa townships - Lessons from the City of Tshwane, *Energy Policy*
- Martins, R, Cherni, J.A., Videira (2017), N.2mbio: a novel design tool to promote creative participatory conceptual design of bioenergy systems – the case of wood fuel energy systems in Mozambique, *Journal of Cleaner Production*
- Cherni, J.A., Olalde Font, R., Serrano, L., Henao, F., Urbina, A. (2016). Systematic Assessment of Carbon Emissions from Renewable Energy Access to Improve Rural Livelihoods, *Energies*, 9, 1086 www.mdpi.com/journal/energies
- Cherni Alazraque, J., He, Jiayi & Rosillo-Calle, Frank (2016) Renewable energy investment in China: the impact of low oil prices', *Economic and Political Studies*
- Olalde, R., González, T., Herrera, L, Cherni, J, Urbina A. (2016) 'Energy technology innovation for rural communities. The case of Manantiales, Cuba', *Revista Centro Agrícola*
- Olalde, R., González, T., Herrera, L., Cherni J. A. (2016) 'Introduction of energy technologies to rural agricultural communities and their impact on social, natural, and financial capitals – Cuba', *Revista Científica de las Fuentes Renovables de Energía*
- Cherni, JA (2011) 'Promotion of renewable energy in Latin America: Policy & Lessons, in Haselip, J, et al., (Eds.) Diffusion of renewable energy technologies: developing countries, *UNEP*
- Garcia-Valverde, R., Cherni, J. A., Urbina, A., (2010) "Life Cycle Analysis of organic photovoltaic technologies", *Progress in Photovoltaics: Research and Applications*
- Cherni, J.A. & Kalas, N. (2010) 'A multi-criteria decision-support approach to sustainable rural energy in developing countries' in Lakhmi CJ & Chee Peng Lim (eds) *Handbook on Decision Making*. V1, Springer-Verlag:Berlin Heidelberg
- Cherni, JA & Hill, Y (2009) 'Modern energy & policy for sustainable rural development: The Case of Cuba', *Geoforum*
- Zhu, S., Cherni, JA. (2009) 'Coal mining in China: Policy under market reform', *International Journal of Energy Sector Management*, 3, 1, 9-28
- Cherni, JA, (2008) Renewable energy for rural sustainability in developing countries, *Science, Technology, Society*, 28, 2, 105-114
- Cherni, JA (2008) Can a better informed technology transfer of RE be achieved for developing countries? *Climate of Opinion*
- Cherni, JA & Kentish, J (2007) 'Renewable energy policy & market reforms in China', *Energy Policy*, 35, 3616-3629
- Cherni, JA, Dyer, I, et al.(2007) 'Energy supply for sustainable rural livelihoods. A Multi-Criteria Decision-Support System', *Energy Policy*, 35, 1493-1504
- Cherni, J. A. & Preston, F. (2006) 'Rural electrification under electricity reform - The case of Peru', *Journal of Cleaner Production*
- Haselip, J, Dyer, I & Cherni JA (2005) 'Electricity market reform in Argentina: assessing the impact for the poor', *Utilities Policy*