

ACADEMIC QUALIFICATIONS

Level	Date	University	Degree awarded
Undergraduate	1997	University of the West Indies	Bachelor of Sciences (Hons.) Chemical and Process Engineering (1st Class Honours)
Postgraduate	2000	University of Edinburgh	Master of Sciences Environmental Sustainability (Distinction) Dissertation: <i>Photovoltaics in Development: A Case Study of Rural Electrification in Jamaica</i>
	2009	Ecole Polytechnique	Master of Research (MRes) Economics of Sustainable Development, Energy & Environment (Mention: Very good) Dissertation: <i>Modelling the European Union Emissions Trading Scheme</i>
	Ongoing	Paris-Dauphine University	PhD on the dynamics of EU ETS carbon price formation, strategies of market actors and impact on energy technology economics

WORK EXPERIENCE

Company	Climate Economics Chair (France)
Position	Project manager
Duration	09/11/2010 – Ongoing
Function / responsibilities	Coordination and implementation of a work programme in European energy and carbon emissions modelling for analysis of the European Union cap-and-trade scheme; Member of Steering Committee of the “Carbon markets and Prices” Research Initiative of the Chair.
Company	European Commission, Joint Research Centre, Institute for Energy (Netherlands)
Position	Scientific Officer
Duration	16/07/2004 – 15/07/2008
Function	Management and execution of multi-partner research projects; Techno-economic assessment of low-carbon energy technologies; Technical support to Directorate-General “Energy and Transport” of the European Commission; (Invited) observer to the IEA-Hydrogen Implementing Agreement Task 24 on Wind Energy and Hydrogen Integration.
Company	3E n.v. (Belgium)
Position	Project engineer
Duration	01/09/2001 – 02/07/2004
Function / responsibilities	Consultancy and studies for energy sector actors: Analysis of European renewable energy policies; Levelised cost assessment of renewable energy technologies; Evaluation of the impact of green certificates or feed-in tariffs on renewable energy economics.
Company	Alumina Partners of Jamaica (Jamaica)
Position	Process engineer
Duration	27/04/1998 – 08/09/1999
Function	Optimisation of the alumina extraction process with respect to energy and raw material use in alumina production.
Company	Conrad Douglas & Associates – Environmental Science and Technology Ltd. (Jamaica)
Position	Technical Consultant
Duration	01/11/1997 – 24/04/1998
Function	Analyses related to environmental impact assessments.

LANGUAGES

English	Mother tongue.
French	Speaks, reads and writes fluently.
Dutch	Speaks, reads and writes at advanced level.

KNOWLEDGE OF SOFTWARE

Microsoft Office suite of applications (Word, Excel, Power point, Outlook), MATLAB (mathematical modelling), eViews (econometrics software)

PUBLICATIONS AND PRESENTATIONS

Publications

S. Shaw. A two-sector model of the European Union Emissions Trading Scheme. Climate Economics Chair Working Paper. Jun. 2010.

C. de Perthuis, **S. Shaw.** Carbon Market and Climate Negotiations. In “The Economics of Sustainable Development”, eds. Lasry et al. (Economica, Paris, 2010).

C. de Perthuis, **S. Shaw**, S. Lecourt. Quel(s) type(s) d'instrument employer pour lutter contre le changement climatique ? In, Vie et Sciences Economiques (VSE), Jun. 2010, no. 183-184.

C. de Perthuis, C., **S. Shaw.** Normes, écotaxes, marchés de permis : quelle combinaison optimale? In Cahiers Français no. 355 : ‘L'économie verte’. March-April 2010.

S. Shaw, P. Mazzucchelli. Evaluating the perspectives for hydrogen energy uptake in communities: success criteria and their application, Energy Policy 38 (2010), pp. 5359-5371.

S. Shaw, S. D. Peteves. Exploiting synergies in European wind and hydrogen sectors: A cost-benefit assessment, in International Journal of Hydrogen Energy 33 (2008) pp. 3249-3263.

G. Palmers, G. Doods, **S. Shaw**, P. André, J. Neyens, F. De Stexhe, J. Martin. Renewable energy evolution in Belgium 1974-2025 (Belgian Science Policy, 2004).

S. Shaw, M. J. Cremers, G. Palmers. Enabling offshore wind developments (Brussels, 2002).

M. Harmelink, M. Voogt, S. Joosen, D. de Jager, G. Palmers, **S. Shaw**, C. Cremer. PRETIR: Implementation of renewable energy in the European Union until 2010 (Netherlands, 2002).

G. Palmers, **S. Shaw.** Pricing Mechanisms for Offshore Wind Electricity in EU Member States. In, International Journal of Environment and Sustainable Development, Vol. 1, No. 4, 2002. (Inderscience, 2002).

Presentations at international conferences

‘A Two-sector model of the European Union Emissions Trading Scheme’, at “International Energy Workshop”, Stockholm, Sweden, 21-23 Jun. 2010.

‘Hydrogen energy for communities’, at “European Meeting Point: Energy for Development”, Beja, Portugal, 10-12 Oct. 2007; A meeting of experts for the promotion of technology and innovation for energy and climate change.

Invited presentation ‘Techno-economic assessment of hydrogen energy from wind’, at “International Workshop on Renewable Energy and Hydrogen”, Huesca, Spain, 18-19 Apr. 2007; An international conference for scientists, project developers and policymakers in the field of renewable energy and hydrogen.

Keynote speaker at “EuroCaribbean Island RES Conference”, St. Lucia, 30-31 May, 2002.

‘Pricing Mechanisms for Offshore Wind Electricity in the EU’, at the European Wind Energy Association’s “Special Topic Conference in Offshore Wind Energy”, Brussels, Belgium, 10-12 Dec. 2001; One of the first international offshore-wind energy conferences in Europe, organised to coincide with the Belgian presidency of the European Union.