

## Paul Warren

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Citizenship: Canada, UK.

### Professional Experience:

*Consultant, Duncan, British Columbia, Canada* [Feb `19 - date]: Provide services in the areas of resource requirements for nuclear programmes, energy economics and finance (e.g. designed, led and taught on Training Course in Advanced Approaches in Financing NPPs at Argonne National Laboratory, Chicago, supported KSA's G20 preparation).

*Nuclear Infrastructure Development Section (NIDS), IAEA, Vienna, Austria*  
Senior Nuclear Power Engineer (P4/P5) [Feb `16 – Jan `19]: Designed, organized and led IAEA workshops and expert missions to over 20 Member States in the areas of finance, bid invitation and evaluation, contracting and risk allocation, and the design of schemes for funding decommissioning and SNF management. Drafted NE-Series documents. Coordinated technical service delivery to Member States across IAEA Departments and Divisions. Organized and chaired Technical Meetings.

*3E Analysis Unit, Planning & Economic Studies Section (PESS), IAEA, Vienna, Austria*  
Energy/Environmental Economist (P4) [Jan `11 – Jan `16]: As part of the Energy, Economy & Environment (3E) Analysis Unit within PESS carried out research and drafted documents on contracting, risk allocation, energy economic and environmental issues for internal, external and academic publication. Carried out 'capacity building'-type activities (organizing and leading workshops and Expert Missions to Member States) with a focus on bid evaluation; received IAEA Merit Award "for Outstanding Performance".

*Electricity Finance Branch, CEFD, Ontario Financing Authority, Toronto, Canada*  
Manager, Nuclear Funds & Financing [Aug `08 – Dec `10]: Managed a staff of 3 policy professionals. Directed policy analysis on a wide range of electricity issues. Briefed Minister of Finance and staff. Developed bidding process and bid evaluation criteria during Ontario's 2007-2009 nuclear power plant bid invitation/evaluation process. Chaired the Commercial Team during the bid evaluation process and participated in contract negotiations with nuclear vendors (AREVA, Westinghouse, AECL).

Senior Economist [Apr `05 – Jul `08]: Provided economic and financial analysis and advice on electricity sector issues. Drafted Cabinet Submissions and other decision documents and/or briefing materials.

*Statistics Canada, Government of Canada, Ottawa, Canada*  
Senior Research Economist [Jul `01 - Mar `05]: Participated in the setting of research priorities and the planning and conduct of substantive applied research.

*Cabinet Policy & Communications Secretariat, BC Government, Victoria, BC, Canada*  
Senior Policy Advisor [Mar '98 - Jun '01]: Provided policy analysis and advice on resource, regulatory and energy issues to the most senior levels of the BC government.

*Department of Economics, Strathclyde University, U.K.*  
Senior Research Fellow [Oct '93 - Dec '96]: Involved in developing and running a new theory based macro-model of the UK economy. Carried out research on a range of topics in microeconomics. Taught probability, statistics, and econometrics.

*Manchester University, Manchester, U.K.*  
Assistant Professor [Sep '92 - Sep '93]: Designed and taught courses in micro- and macro-economic theory and finance; set and marked exams, etc.

*ECOTEC Research & Consulting Ltd., Birmingham, U.K.*  
Research Manager [Dec '91 - Aug '92]: Conducted policy research. Involved in most of the quantitative work undertaken; reviewed all reports involving quantitative analysis.

*Institute for Employment Research, Warwick University, U.K.*  
Research Fellow [Jul '89 - Nov '91]: Helped clients (mainly government agencies) define their needs for policy analysis services and ran a regional forecasting model.

Research Associate [Nov '87 - Jun '89]: Assisted Research Fellows and Senior Research Fellows on use of statistical packages, taught undergraduate microeconomic theory.

### **Education:**

B.Sc. (Economics), London School of Economics, U.K.

M.A. (Economics), University of Essex, U.K.

Ph.D (Economics), University of Warwick, UK (incomplete)

### **Other Skills:**

Outstanding writing, presenting and communications skills.

### **Publications:**

Published research in books, journals and discussion papers, including: *Managing the Financial Risk Associated with the Financing of New Nuclear Power Plant Projects*, IAEA Nuclear Energy Series No. NG-T-4.6 (2017); *Fuelling the Future?* (with De Simone), Energy Policy 74, S5–S15 (2014); *Industry Characteristics and the Law of One Price* (with Yan & Bernard), North American Journal of Economics and Finance, pp. 93-105 (2007); *Choice or Chance? A Duration Analysis of Unemployment Using Information from Restart Interviews*, Labour, vol. 11:3, pages 541-559 (1997).

### **Referees:**

Available on request.