

CURRICULUM VITAE

DR. STEPHANIE STRAY

1. GENERAL

DATE OF BIRTH:- September 1953

NATIONALITY:- British

ACADEMIC AND PROFESSIONAL QUALIFICATIONS

B.A. (Hons) Social Science (Economics and Statistics) University of York, 2(i), 1974.

Ph.D. Comparative Studies (Political Science) University of Essex, 1986.

C. Stat. (Chartered Statistician Status), 1993 onwards.

CAREER

April 2011 – present Warwick Business School, University of Warwick:-
Associate Fellow

Oct 2001- March 2011 Warwick Business School, University of Warwick:-
Associate Professor in the Operational Research and
Management Sciences Group

May 1985-Sep 2001 Warwick Business School, University of Warwick:-
Lecturer in the Operational Research and
Systems Analysis Group.

Oct. 1976-Apr. 1985 Aston Business School, University of Aston:-
Lecturer in the Economics, Econometrics,
Statistics, Marketing and Business Policy Group.

Aug. 1974-Aug. 1976 Management Centre, University of Bradford:-
Research Assistant in Managerial Economics.

2. PUBLICATIONS

BOOKS, MONOGRAPHS AND BOOK CHAPTERS

“Corporate Environmental Reporting and Disclosure: Misinformation or missed information?”, in Handbook on Environmental Quality, Editors: E. K. Drury, T. S. Pridgen, 2009 Nova Science Publishers, Inc., ISBN: 978-1-60741-420-9, pp 159-180.

Contributions to “The Informed Student Guide to Management Science”, Hans G Daellenbach & R L Flood, Thompson, 2002, pp84-5, pp92-3, pp224-5, p257, pp268-9.

“Modelling and Analysis for Management” with E Shale, F O’Brien, S Robinson & M Meadows. Course Study Notes for Distance Learning MBA published by University of Warwick with annual revisions, 2000-current.

“Information Systems/Technology Evaluation Practices: Evidence from UK Organisations”, (with J. A Ballantine & R. D. Galliers), in L. P. Willcocks & S. Lester (eds), “Beyond the IT Productivity Paradox”, Wiley, 1999, pp123-150.

"Pollution Abatement and Control Expenditure in Selected O.E.C.D. Countries, 1972-1987", O.E.C.D., Paris, Monograph No 38, 1990, 136p.

"Introduction to the Design and Analysis of Surveys" in Assignments in Applied Statistics, S. Conrad (ed.), Wiley, 1989, pp163-169.

"Sample Design and the 1979 British Election Study" in Assignments in Applied Statistics, S. Conrad (ed.), Wiley, 1989, pp171-184.

"Opinion Polling and Opinion Poll Designs" in Assignments in Applied Statistics, S. Conrad (ed.), Wiley, 1989, pp185-200.

"Technology and the Survey Process" in Assignments in Applied Statistics, S. Conrad (ed.), Wiley, 1989, pp201-212.

“Quantitative Methods”, Course Study Notes for Distance Learning MBA, Wolsey Hall, 1986. Subsequently published by University of Warwick with annual revisions, 1989-2001.

REFEREED JOURNALS

‘Corporate Environmental Reporting and Disclosure: Misinformation or missed information?’, Environmental Research Journal, (forthcoming, 2011).

Lies, Damned Lies and Statistics: The Accuracy of Survey Responses.

A Research Note', Quality and Quantity, Vol 43, Issue 1, pp161-171, 2009.

"Environmental Reporting: the UK's Water and Energy Industries: A Research Note", Journal of Business Ethics, Vol 80, No 4, pp697-710, 2008.

"The Workplace Setting and Individual Feelings Concerning environmental Reporting and Disclosure", The International Journal of Environmental, Cultural, Economic and Social Sustainability, Vol 1, No 1, pp129-142, 2006.

"Teaching OR/MS to MBAs at Warwick Business School: A Turnaround Story. Interfaces, Vol 33, No 2, pp67-76, 2003, (with Robinson, S. Meadows, M., Mingers, J., O'Brien, F.A., & Shale, E.A.

"The Internationalisation Process of Small, Technology Based Firms", The Journal of Global Marketing, Vol. 15, No. 1, pp7-29, 2001 (with S. Bridgewater and G Murray).

"Corporate Environmental Reporting and Disclosure: Survey Evidence for Six UK Industrial Sectors". Journal of Eco-Management and Auditing., vol. 7, no. 4, Dec 2000, pp165-177 (with J. Ballantine) .

"Information Systems and other Capital Investments: Evaluation Practices Compared' Logistics Information Management, Logistics Information Management, 1999, vol. 12, no 1/2, pp78-93 (with Joan Ballantine).

"Financial Appraisal and the IS/IT Investment Decision Making Process", Journal of Information Technology, 1998, Vol 13, pp 3-14 (with Joan Ballantine).

"An International comparison of Management's Use of Quantitative Techniques and the Implications for MBA Teaching", Management Learning, 1997, Vol 28, No. 2, pp 217-233 (with P. Naudé, D. Band & T. Wegner).

"Information Systems/Technology Evaluation Practices: Evidence from UK Organisations", Journal of Information Technology, Vol. 11, 1996, pp129-141 (with J. A. Ballantine & R. D. Galliers).

"The use and importance of financial appraisal techniques in the Systems/Technology IS/IT investment decision-making process - recent UK evidence", Project Appraisal, Vol. 10, No. 4, December 1995, pp210-218, (with J. Ballantine & R. Galliers).

"Triads and Tetrads: The Visual Display of Consumer Behaviour Data", Marketing and Research Today, European Society of Market and Opinion Research, Vol. 23, No. 1, Feb. 1995, pp48-59, (with V. Wong).

"The Use of Statistical Methods by MBA Graduates in South African Management and its Implications for Curriculum Design", South African Journal of Business Management, Vol. 25, No. 2, 1994, pp86-93, (with P. Naudé & T Wegner).

"Statistics in Management Education", British Journal of Management, Vol. 5, No. 1, 1994, pp73-82, (with P. Naudé & T. Wegner).

"The Penetration of Quantitative Methods into Management Decision Making", OMEGA - International Journal of Management Science, Vol. 19, No. 5, 1991, pp447-457, (with P. Naudé & T. Wegner).

"Triangles and Triads", Journal of the Operational Research Society, Vol. 40, No. 1, 1989, pp83-92, (with G. J. G. Upton).

"Government Popularity and Attitude Towards the Government Record Revisited", British Journal of Political Science, Vol. 21, 1987, pp122-128 (with C. D. Beaumont).

"The Effect of the Environment on Party Identification", Environment and Planning, A, Vol. 18, 1986, pp1391-1400, (with G. J. G. Upton).

"Government Popularity, By-elections and Cycles", Parliamentary Affairs, Vol. 36, No. 1, Winter 1983, pp49-55, (with M. S. Silver).

"Why Growth Rates Do Differ", Journal of Economic Studies, Vol. 9, No. 2, 1982, pp51-67, (with M. W. Bell & M. S. Silver).

"The Measurement of Change in the Popularity of Governments in United Kingdom By-elections", Political Methodology, Vol. 8, No. 4, 1982, pp93-106, (with M. S. Silver).

"Do By-elections Demonstrate a Government's Unpopularity?", Parliamentary Affairs, Vol. 33, No. 3, Summer 1980, pp264-73, (with M. S. Silver).

"Market Efficiency and the Role of Issuing Houses: A Rejoinder", Journal of Economic Studies, Vol. 4, No. 1, 1977, p67-8, (with K. W. Wilson).

"The Benefits of Company Size - The Case of Shareholders", Scottish Journal of Political Economy, Vol. 24, No. 1, 1977, p77-82, (with G. D. Newbould & K. W. Wilson).

"Shareholders' Interests and Acquisition Activity", Accounting and Business Research, No. 23, 1976, pp201-215, (with G. D. Newbould & K. W. Wilson).

"Long-term Efficiency in the New Issue Market", Journal of Economic Studies, Vol. 3, No. 1, 1976, pp61-68, (with G. D. Newbould & K. W. Wilson).

"Academic Salaries - A Personal Application of Managerial Economics", The Journal of Management Studies, Vol. 13, No. 2, 1976, pp175-182, (with G. D. Newbould & K. W. Wilson).

REFEREED CONFERENCE PROCEEDINGS

'The Workplace Setting and Individual Feelings Concerning environmental Reporting and Disclosure', The International Conference of Environmental, Cultural, Economic and Social Sustainability, University of Hawaii, 24-26 Feb 2005

'Environmental Reporting - Environmental Partisanship and Organizational Milieu: Are Individuals Victims of their own Environments?' The Inter-disciplinary Corporate Social Reporting Research Conference, University of Nottingham, 21-23 October 2004

'The Development of a Distance Learning OR/MS MBA Course', OR46, 2004, (with Meadows M, O'Brien F.A., Robinson S. & Shale E.A.)

"Brand Values in Premiership Football Clubs", paper presented to EMAC, Portugal, May 2002 (with Sue Bridgewater & David Arnott)

"Corporate Environmental Reporting in Six UK Industrial Sectors, their Use of Environmental Reports and the Relevance of Financial Institutions", Continuity, Credibility & Comparability Invitational Expert Seminar, arranged by IIIIE & VTT with UNEP and the European Environment Agency, Eze, France, 13-16 June, 1998, published by IIIIE, Lund University, 2000, pp53-63.

"The Internationalisation Process of Small, High-technology Firms", 28th European Marketing Academy Conference, 11-14 May, 1999, Berlin, CDROM (with S. Bridgewater).

"A Comparative Analysis of the Evaluation of Information Systems and Other Capital Investments: Empirical Evidence", Proceedings of 6th European Conference upon Information Systems, Aix-en-Provence, June 1998, Vol. 2, p809-822 (with Joan Ballantine).

"The Content of Information Management/Systems/Technology Courses in UK Full-time Master of Business Administration Programmes: Part II", Proceedings of 6th European Conference upon Information Systems,

Aix-en-Provence, June 1998, Vol. 2, pp695-709. (with B Baker & R Galliers).

“Corporate Environmental Reporting and Disclosure: Survey Evidence for Six UK Industrial Sectors”, Proceedings of International Sustainable Development Research Conference, Leeds, 3-4 April, 1998, pp224-229 (with J Ballantine).

“Current Research Issues for Environmental Reporting”, Proceedings of European Management Accounting Association Environmental Accounting & Sustainable Development workshop, 1997, Vol. 2, pp1-42, (with J. Ballantine).

“What’s in a title? The Nature of Information Management/Systems/Technology Courses in UK Full-time MBA Programmes: Part 1”, Proceedings of 4th European Conference upon Information Systems, Lisbon, July 1996, Vol. 2, pp971-988, (with B Baker & R Galliers).

“A Managerial Perspective of the Role of Statistical Methods: Some International Comparisons”, International Statistical Institute 50th conference, Beijing, Book 2 of contributed papers, pp888-889, August 1995, (with P. Naudé, D. Band & T. Wegner).

"Information Systems/Technology Investment Decisions - the Use of Capital Investment Appraisal Techniques in Organisations", Proceedings of First European Conference on Information Technology Investment Evaluation, Henley on Thames, September 1994, published by the Operational Research Society, pp148-166, (with J. Ballantine & R. Galliers).

"The IS/IT Investment Decision - Research Findings", British Academy of Management Annual Conference, Lancaster, Annual Conference Proceedings, p376, September 1994, (with J. Ballantine & R. Galliers).

"Exploring the Application of Triangles as a Data Presentation Tool in Marketing", Marketing Education Group, Proceedings of the 1994 Annual Conference, Vol. 2, pp907-916, Coleraine, July 1994, (with V. Wong).

"Quality Issues for Distance Learning MBA's", 3rd European Quality Conference for Education, Training and Research, European Foundation for Quality Management, "Bench markers - Who are the leaders?" Conference Proceedings Section, Rome, 9-10 April 1992.

"Statistics:- What They Use and What We Teach", British Academy of Management Conference Proceedings, University of Bath, September 1991, pp270-275 (with P. Naudé & T. Wegner).

"The Relevance of Statistics Syllabuses to Business and Industrial Needs", in proceedings of The Education/Practice Divide in Statistics, Business and Industrial Section of the Royal Statistics Society, April 1991, pp 54-56.

"Environmental Policy in Japan" Proceedings of the British Association of Japanese Studies, Part 2, Vol. 2, 1977, p111-128.

MAJOR NATIONAL & INTERNATIONAL CONFERENCE PAPERS

"Environmental Disclosure and Non-disclosure: Changes in Practises, Attitudes and Opinions in UK Companies over 10 years", The International Conference of Environmental, Cultural, Economic and Social Sustainability, University of Mauritius, 5-7 Jan 2009

"The Workplace Setting and Individual Feelings Concerning environmental Reporting and Disclosure", International Conference of Environmental, Cultural, Economic and Social Sustainability, University of Hawaii, 24-26 February 2005

"Environmental Reporting – Environmental Partisanship and Organizational Milieu: Are Individuals Victims of their own Environments", The Inter-Disciplinary CSR Research Conference, University of Nottingham, 22-23 October 2004.

"The Development of a Distance Learning OR/MS MBA Course", OR Society Annual Conference, University of York, 7-9 September 2004 with Maureen Meadows, Frances O'Brien, Stewart Robinson & Estelle Shale)

"Affiliation to Professional Sports Clubs – a typology of fans of English Premiership clubs" with Sue Bridgewater, 33rd. European Marketing Academy Conference, Murcia, Spain, 18-21 May 2004.

"Environmental Reporting and Disclosure in UK companies: Insights using legitimacy and stakeholder theories" Financial Reporting and Business Communications Conference, University of Cardiff, 3-4 July 2003 (with Joan Ballantine).

"Corporate Environmental Reporting and Disclosure: Comparative Survey Evidence for Six UK Industrial Sectors", International Sustainable Development Research Conference, Manchester, April, 2002 (with Joan Ballantine).

"Environmental reporting and disclosure in six industrial sectors", Detecting Environmental Change, Science and Society, London, 17-20 July 2001, Abstract available from www.nmw.ac.uk/change2001

“Team-role Awareness in Project Groups: Testing the Belbin Test”, 5th annual conference of the International Institute of Decision Sciences, Athens, July 1999 (with John Kidd).

“The Internationalisation Process of Small, High-technology Firms”, 28th European Marketing Academy Conference, 11-14 May, 1999, Berlin (with S. Bridgewater).

“A Comparative Analysis of the Evaluation of Information Systems and Other Capital Investments: Empirical Evidence”, Proceedings of 6th European Conference upon Information Systems, Aix-en-Provence, June 1998, (with Joan Ballantine).

“The Content of Information Management/Systems/Technology Courses in UK Full-time Master of Business Administration Programmes: Part II”, Proceedings of 6th European Conference upon Information Systems, Aix-en-Provence, June 1998, (with B. Baker & R. Galliers).

“Corporate Environmental Reporting and Disclosure: Survey Evidence for Six UK Industrial Sectors”, International Sustainable Development Research Conference, Leeds, 3-4 April, 1998 (with Joan Ballantine).

“What’s in a title? The Nature of Information Management/Systems/Technology Courses in UK Full-time MBA Programmes: Part 1”, 4th European Conference upon Information Systems, Lisbon, July 1996 (with B. Baker & R. Galliers).

“Current Research Issues for Environmental Reporting”, European Management Accounting Association, Environmental Accounting & Sustainable Development workshop, Limperg Institute, Netherlands, November 1995, (with J. Ballantine).

“A Managerial Perspective of the Role of Statistical Methods: Some International Comparisons”, International Statistical Institute 50th conference, Beijing, August 1995, (with P. Naudé, D. Bande & T. Wegner).

"IS/IT Investment Decisions - the Use of Capital Investment Appraisal Techniques in Organisations", First European Conference on Information Technology Investment Evaluation, Henley on Thames, September 1994, (with J. Ballantine & R. Galliers).

"The IS/IT Investment Decision - Research Findings", British Academy of Management Annual Conference, Lancaster, September 1994, (with J. Ballantine & R. Galliers).

"Exploring the Application of Triangles as a Data Presentation Tool in Marketing", Marketing Educational Group Annual Conference, Coleraine, July 1994, (with V. Wong).

"Quality Issues for Distance Learning MBA's", 3rd European Quality Conference for Education, Training and Research, European Foundation for Quality Management, Proceedings of "Benchmarkers - Who are the leaders?" Section, Rome, April 1992.

"Statistics:- What They Use and What We Teach", British Academy of Management, University of Bath, September 1991, (with P. Naudé & T. Wegner).

"The Relevance of Statistics Syllabuses to Business and Industrial Needs", The Education/Practice Divide in Statistics, Business and Industrial Section of the Royal Statistics Society, April 1991.

"The Cube Law and Election Bias - Problems of Specification and Analysis", European Consortium for Political Research, Amsterdam, April 1987. Copies from ECPR, University of Essex.

"Modelling Party Identification", European Consortium for Political Research, Barcelona, March 1985. Copies from ECPR, op. cit.

"Government Unpopularity in By-elections", Political Studies, Annual Conference, Hull, May 1981, LSE mimeo (with M S Silver).

"Environmental Policy in Japan" British Association of Japanese Studies, Sheffield, April 1977.

RESEARCH REPORTS AND WORKING PAPERS

"A Sectoral Comparison of Corporate Environmental Reporting and Disclosure, Warwick Business School Research Paper Series, No. 323, 1999, with (Joan Ballantine).

"The Internationalisation Process of Small, High-Technology Firms", Warwick Business School Research Paper Series, No. 304, 1998, (with S. Bridgewater & G. Murray).

"What's in a Title? The Nature of Information Management/System/Technology Courses in UK Full-time MBA Programmes: Part 1", Warwick Business School Research Paper Series, No. 189, 1995, (with B. S. H. Baker & R. D. Galliers).

"The Formation of Syndicate Groups of Students Using Psychometric Tests", Aston Business School Research Paper Series, RP9507, May 1995, (with J. B. Kidd).

"Management's Use of Quantitative Techniques: A Comparison across Three Countries", Manchester Business School Working Paper Series, No 261, 1994, (with P. Naudé & T. Wegner).

"Assessing the Feasibility of Information Systems/Technology Projects - Recent Findings of the Use of Capital Investment Appraisal Techniques", Warwick Business School Research Paper Series, No. 105, 1994, (with J. Ballantine & R. Galliers).

"Triads and Tetrads: The Visual Display of Consumer Behaviour Data", Warwick Business School Research Paper Series, No. 104, 1994, (with Veronica Wong).

"Statistics, MBA's and UK Business Schools:- What is Taught and What is Used", Warwick Business School Research Paper Series, No. 27, 1991, (with P. Naudé & T. Wegner).

"The Penetration of Quantitative Methods into Management Decision-Making in the United Kingdom", Manchester Business School Working Paper Series, No. 194, 1990, (with P. Naudé & T. Wegner).

"Procedure for the Notification of Financial Assistance Systems for Pollution Prevention and Control:- Results of the 1978-79, 1981-82 and 1987-88 Notifications", O.E.C.D. Report to Group of Economic Experts, Paris, 21st Jun. - 23rd Jun. 1989.

"Pollution Abatement and Control Expenditure in Selected O.E.C.D. Countries, 1972-1986", O.E.C.D. Report to Group of Economic Experts, Paris, 21st Jun. - 23rd Jun. 1989.

"Pollution Control Expenditure in O.E.C.D. Countries: Statistical Compendium", O.E.C.D. Report to Group of Economic Experts, Paris, 29th Nov. - 1st Dec. 1988.

"Procedure for the Notification of Financial Assistance Systems for Pollution Prevention and Control:- Results of the 1987-88 Notification", O.E.C.D. Report to Group of Economic Experts, Paris, 29th Nov. - 1st Dec. 1988.

"Environmental Costs, Trends and Policies to the 1990s", O.E.C.D. Report, Paris 1985.

"Vax BASIC", Aston Business School, Series in Information Analysis and Management Services, No 12, 1983, (with J. B. Kidd).

"Sample Design and Survey Methodology", Aston Business School, Series in Information Analysis and Management Services, No 9, 1983.

"Procedure for the Notification of Financial Assistance Systems for Pollution Prevention and Control:- Results of the 1981-1982 Notification", O.E.C.D. Report to Group of Economic Experts, Paris, 1982.

"An Introduction to BASIC" Aston Business School, Series in Information Analysis and Management Services, No 2, 1981.

"Procedure for the Notification of Financial Assistance Systems for Pollution Prevention and Control:- Results of the 1978-1979 Notification", O.E.C.D. Report to Group of Economic Experts, Paris, 1979.

"United Kingdom By-elections, 1950-1979", Aston Business School Working Paper Series, No 167, 1979, (with M. S. Silver).

"Procedure for the Notification of Financial Assistance Systems for Pollution Prevention and Control", O.E.C.D. Report to Group of Economic Experts, Paris, 1976.

3. TEACHING

Since being at Warwick I have taught on a wide range of programmes at every level including Undergraduate modules, specialist Masters' modules, a variety of the MBA programmes, and the Doctoral programme. Many of these programmes have involved shared teaching responsibilities or team teaching and others have involved sole ownership. I have also been involved in curriculum redesign and development. I have had a long term association with the Distance Learning MBA programme (since its inception in 1986) and the subsequent development of that programme's content. I was also involved in establishment of the School's taught PhD programme, and have taken part in a major review of the Undergraduate programme and various reviews of the Group's specialist Master's programme.

4. ADMINISTRATIVE DUTIES

During my time at Warwick I have taken an active part in various administrative roles and responsibilities for both the Business School and the University, often concurrent. These include responsibilities over and above the normal duties of examination boards, SSLC committees, programme committees, course teams, ad hoc committees, finance and resourcing and other such groups. Such responsibilities include:

WBS Senior Tutor (2007 – 2011)
Member of University's Undergraduate Appeals committee (2009 – 2011)
Member of University's Collaborative, Flexible and Distance Learning Sub-committee (2009 – 2011)
M.Sc. MSOR admissions (1996 – 2007, 2010 - 2011)
Undergraduate Examination Secretary (2001 – 2003)
Academic Director Distance Learning MBA (1990 – 1993).
Assistant Director Distance Learning MBA (1988 – 1990).

Administration of postgraduate bursary scheme for women within
WBS (1986 – 1991)
Co-Director of Joint Degrees with Science (1985-1990)

5. OTHER PROFESSIONAL ACTIVITIES

- Council member of the Post Office Users' National Council (POUNC) 1990-1999 (nominated by the Royal Statistical Society).
- Chartered Statistician status was awarded in 1993 shortly after the introduction of this title in late 1992.
- Associate Editor for the Journal of the Royal Statistical Society, Series C, Applied Statistics; 1990-1995 (asked to serve an extra year in this role over and above the normal four year term);
- Leader of workshop entitled "The Content of Statistics Syllabuses" at a RSS conference upon "Statistics and Industry";
- Membership of the RSS Education/Practice Divide Study Group from 1990 to 1994 which was part of the Business and Industrial Section of the RSS.

External examining, moderating and validating have been undertaken as follows:-

- External Examiner, Open University, Undergraduate programme 2001→2009
- External Examiner, University of Buckingham, Undergraduate programme, 2000→2006
- External Examiner, University of Bath, MBA programme, 2000→2005
- External Examiner, University of Wales, South African MBA validation, 1998→2001
- External Examiner, University of Coventry, School of Mathematics and Information Sciences, Undergraduate programmes, 1997→2001
- External Examiner, Cranfield, Executive and full-time MBA, 1997→2000
- Member of Dean's Academic Council, European Management School, Granada, Spain, 1998, 1999
- External Examiner, University of Bath, School of Management, Undergraduate programme, 1992/3-1994/5.
- Validator of BSc Business Studies for NENE College. Degree scheme to be awarded by University of Leicester, 1990.
- Examiner for Civil Service Commission Appointments in Administration, 1984-1985.
- Moderator for British Production and Inventory Control Society (BPICS), 1980-1983.

Refereeing has been undertaken for the following journals:-

- Journal of Business Ethics
- European Journal of Operations Research
- Journal of Environment and Planning
- European Journal of Purchasing & Supply Management
- Journal of Environmental Planning and Management
- Australian Journal of Information Systems
- Journal of Statistical Education
- OMEGA - The International Journal of Management Science
- Journal of the Royal Statistical Society, Series A, Statistics in Society
- Journal of the Royal Statistical Society, Series C, Applied Statistics
- Journal of the Operational Research Society
- International Transactions in Operational Research - an IFORS Journal
- British Journal of Political Science.

Reviews of book proposals have been undertaken for the following publishers:-

- Elsevier
- Financial Times
- Routledge
- Thomson International
- Wiley
- McGraw-Hill
- Palgrave

Consultancy work and Membership of the Group of Economic Experts for the Environment Directorate, O.E.C.D., Paris has resulted in work upon the establishment of the framework for a database on environmental pollutants. Additionally, surveys were conducted in 1976, 1979, 1982, 1987 and 1988 of O.E.C.D. Member Countries to determine the extent of governments' direct and indirect financial aid to various industrial sectors to facilitate compliance with pollution control legislation. Evaluations of, and forecasts for, automotive emission levels for Member Countries were also undertaken; these being part of a project that examined similar aspects for other air pollution, and for water and noise pollution. The work included being the editor for the final report to O.E.C.D. concerning all media.

Additional other professional activities include:-

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| 2006 | Provision of half-day course upon statistics for University of Warwick administrative staff |
| 2004 | Clinical report advice to Bibby-Sterilin |
| 2002 | Preparation of report upon Quality Assurance for IT Audits for IntegratedFM Ltd |
| 2001 | Provision of 1 day course for the Operational Research Society on Surveys and Sampling (July) |
| 2000 | Survey research validation for POUNC upon Royal Mail's quality of service surveys |

- 2000 Validation for POUNC of Royal Mail's missing mail survey
- 2000 Provision of 1-day course upon multivariate methods for the Operational Research Society
- 1998/9 Liaison with Royal Mail concerning survey to estimate missing postal items.
- 1998 Provision of 1 day course for the Operational Research Society on Surveys and Sampling (October)
- 1996/7 Provision of a short course upon statistics for BAT comprising 9 half-days sessions.
- 1996 Invited guest lecturer to Aston Business School, speaking on "Corporate Environmental Disclosure - Where are we now?"
- 1993/4 Consultant to WRI for waste management project for Biffa.
- 1990 Advice on construction of comparative international cost of living indices for P.E. International.
- 1990 Development of short term forecasting methods for company performance at the regional level for Thermalite Ltd.
- 1988/9 Examination of links between company and industry performance measures at national and regional level for Thermalite Ltd.
- 1988 Short course upon Statistics for Rowntree plc.
- 1987 Short courses in statistics for University Administrators held at both Nottingham and Aston Universities.
- 1986/7 Short courses upon forecasting for Laura Ashley plc.
- 1985 Seminar to University of Bath, Economics Department, Political Economy Group, upon "Party Identification Models in a Two-Party System".
- 1978 Seminar to St Anthony's College, Oxford, Japanese Studies Centre, 1978, "The Development of Japanese Environmental Policies".