

## **John Foster: Academic Publications (as at June 2009)**

(This list does not include a large number of conference papers, keynote addresses, discussion papers, seminar papers, consultancy reports, non-refereed material in magazines, newspapers, other media outlets and short book reviews)

### **Books and Monographs:**

1. A Guide to Monetarism and Keynesianism Canberra: Parliamentary Library, The Parliament of the Commonwealth of Australia, 1983 (with K. Davis and M. Lewis).
2. Evolutionary Macroeconomics London: Unwin Hyman, Hardback 1987, Paperback 1989.
3. Mixed Economies in Europe: An Evolutionary Perspective on their Emergence, Transition and Regulation, Aldershot: Edward Elgar, 1992 (with Wolfgang Blas).
4. Economics and Thermodynamics: New Perspectives on Economic Analysis, Boston: Kluwer, 1994 (with S. Peter Burley).
5. Frontiers of Evolutionary Economics: Competition, Self-Organisation and Innovation Policy, Edward Elgar, Aldershot, 2001 (with J. Stanley Metcalfe)
6. Applied Evolutionary Economics and Complex Systems, Edward Elgar, Cheltenham, 2004 (with Werner Hoelzl).
7. Evolution and Economic Complexity, Edward Elgar, Cheltenham, 2004 (with J. Stanley Metcalfe).
8. Self Review for Higher Education Institutions, AUQA Occasional Publications Number 17, Australian Universities Quality Agency, Melbourne, 2008 (with R. Adams, J. Strong, L. E. Mattick, M. E. McManus and K. E. Matthews).

### **Chapters in Edited Books** (excluding all non-academic material):

9. "The relationship between unemployment and vacancies - Great Britain (1958-1971) - some further evidence", in Laidler, D.E.W. and Purdy, D. (eds.), Labour Markets and Inflation, M.U.P., 1974, pp. 164-196.
10. "The costs of inflation", in Artis, M.J. and Nobay, A.R. (eds.) Contemporary Economic Analysis, Croom Helm, 1978, pp.140-145

11. "Assessing the impact of foreign direct investment on the Scottish economy: some regional macroeconometric evidence" in Harrigan, F. and P. Macgregor (eds). Recent Advances in Regional Economic Modelling, Pion, 1988 (with J Malley).
12. "The macroeconomics of Keynes: an evolutionary perspective". In Pheby, J (ed). New Directions in Post-Keynesian Economics, Edward Elgar, 1989.
13. "Econometric methodology in an environment of evolutionary change" in Metcalfe, S. and Saviotti, P. (eds) Evolutionary Theories of Economic and Technological Change, Harwood Press, 1991.
14. "The institutionalist (evolutionary) School" in Mair, D. and Millar, A. (eds). Comparative Schools of Economic Thought, Edward Elgar, 1991.
15. "Evolutionary perspectives". In Mixed Economies in Europe: An Evolutionary Perspective on their Emergence, Transition and Regulation, eds. W. Blass and J. Foster, Aldershot: Edward Elgar, 1992, pp 1-16.
16. "Turning Austrian economics into evolutionary theory: a non-Austrian assessment". In Austrian Economics: Tensions and New Developments, eds. S.Boehm and B. Caldwell, Boston: Kluwer, 1993, pp 237-243.
17. "Biology and economics". In The Elgar Companion to Institutional and Evolutionary Economics, edited by G.M. Hodgson, W.J.Samuels and M.R.Tool, Aldershot: Edward Elgar, Vol A-K, 1994, pp.23-29.
18. "Macroeconomic theory". In The Elgar Companion to Institutional and Evolutionary Economics, edited by G.M. Hodgson, W.J.Samuels and M.R.Tool, Aldershot: Edward Elgar, Vol. L-Z, 1994, pp.36-42.
19. "Prigogine, Ilya". In The Elgar Companion to Institutional and Evolutionary Economics, edited by G.M. Hodgson, W.J.Samuels and M.R.Tool, Aldershot: Edward Elgar, Vol. L-Z, 1994, pp.177-180.
20. "The self-organisation approach in economics:" In Burley S. and Foster J. (eds.) Economics and Thermodynamics: New Perspectives on Economic Analysis, Boston: Kluwer, 1994, pp. 183-202.
21. "The evolutionary macroeconomic approach to econometric modelling: a comparison of Sterling and Australian Dollar M3 determination". In The Political Economy of Complexity: Evolutionary Approaches to Economic order and Disorder, eds. R.Delorme and K. Dopfer, Aldershot: Edward Elgar, 1994, pp. 282-301.

22. "I fondamenti analitici dell'economia evolutiva: dall'analogia biologia all'auto-organizzazione economica". In Teorie Evolutive e Trasformazioni Economiche, ed. E. Benedetti, M. Mistri and S. Solari, Padova: CEDAM, 1997.
23. "The rise of unemployment and working poverty: an evolutionary macroeconomic perspective," in M. Setterfield (ed) Rapid Growth and Relative Decline: Modelling Macroeconomic Dynamics with Hysteresis, London, Macmillan, 1999, pp.195-210.
24. "The detection of evolutionary change in nonlinear economic process: a new statistical methodology," in W.A Barnett, C. Chiarella, S. Keen, R. Marks and H. Schnabl (eds.) Commerce, Complexity and Evolution: Topics in Finance, Marketing and Management, Cambridge: Cambridge University Press, 2000, pp.233-252 (with P. Wild).
25. "Modelling growth in economic systems as the outcome of a process of self-organisational change: a fuzzy regression approach," in U. Cantner, H. Hanusch and S. Klepper (eds.) Economic Evolution and Complexity, New York, Physica-Verlag, 2000, pp. 185-209 (with B. Morgan).
26. "Competition, competitive selection and evolution," in S. Ioannides and P.Garrouste (eds.) Evolution and Path Dependence in Economic Ideas: Past and Present, Cheltenham, Edward Elgar, 2001, pp. 107-132.
27. "Modern evolutionary economic perspectives: an overview." In Foster J. and J.S. Metcalfe (eds) , Cheltenham, Edward Elgar, 2001, pp. 1-18 (with J.S. Metcalfe).
28. "Human capital investment and economic growth in the Australian Economy." In Williams, C., Draca, M and Smith, C. (eds.), Productivity and Regional Performance in Australia OESR, Brisbane, 2002, pp. 155-176 (with M. Draca and C. Green).
29. "New growth theories and their implications for State Government policy". In Williams, C., Draca, M. and Smith, C. (eds.). Productivity and Regional Performance in Australia, OESR, Brisbane, 2002, pp. 19-40.
30. Introduction and overview," In Foster, J., Werner Hoelzl, Applied Evolutionary Economics and Complex Systems, Cheltenham, Edward Elgar, 2004, pp. 1-15 (with Werner Hoelzl).
31. "Econometrics and evolutionary economics," In Foster, J., Werner Hoelzl, Applied Evolutionary Economics and Complex Systems, Cheltenham, Edward Elgar, 2004, pp. 15-36.

32. "The self-organisation perspective on economic processes; a unifying paradigm?" In Dopfer, K. (ed) The Evolutionary Foundations of Economics, Cambridge: Cambridge University Press, 2005, pp. 367-390.
33. "Time" In Raffaelli, T. (ed.) The Elgar Companion to Alfred Marshall, Cheltenham, Edward Elgar, pp. 281-288, 2006.
34. "Complexity, evolution and the structure of demand." In McKelvey, M. and Holmén, M. (eds) Flexibility & Stability in the Innovating Economy, Oxford: Oxford University Press, 2006, pp. 99-120 (with Jason Potts).
35. "Macro-econometrics." In Hanusch, H. and Pyka, A. The Elgar Companion to Neo-Schumpeterian Economics, Cheltenham: Edward Elgar, 2007.
36. "A micro-meso-macro perspective on the methodology of evolutionary economics: integrating history, simulation and econometrics." In Gaffard, J-L, Nesta, L. and Cantner U., Schumpeterian Perspectives on Innovation, Competition and Growth, Berlin: Springer/Physica, 2009 (in press) (with Jason Potts).
37. "Evolutionary growth theory." In Setterfield, M. (ed.). Handbook of Alternative Theories of Economic Growth, Cheltenham, Edward Elgar 2009 (in press).
38. "Complex economic systems." In Hooker, C. (ed.). Philosophy of Complex Systems, Handbook of the Philosophy of Science, Amsterdam, Elsevier, 2009, (in press).

**Articles in Academic Journals:**

39. "The behaviour of unemployment and unfilled vacancies - Great Britain 1958-1971", The Economic Journal, (March 1973) pp. 192-201.
40. "The redistributive effects of the composite income tax arrangement", Manchester School, (June 1975) pp.144-157.
41. "The demand for building society shares and deposits: 1961-1973", Oxford Bulletin, (December 1975) pp. 319-341.
42. "The redistributive effects of inflation - questions and answers", Scottish Journal of Political Economy - Symposium on Inflation, (February 1976) pp. 73-98.
43. "The redistributive effect of inflation on building society shares and deposits: 1961-1974", Bulletin of Economic Research, (November 1976) pp. 67-76.

44. "Tests of the simple Fisher hypothesis utilising observed inflationary expectations - some further evidence", Scottish Journal of Political Economy, (November 1977). pp. 235-241.
45. "Inflation expectations: the use of qualitative survey data", Applied Economics, (December 1977). pp.319-329. (With M. Gregory).
46. "Interest rates and inflation expectations: The British experience", Oxford Bulletin (May 1979). pp. 145-164.
47. "Occupational earnings and the effects of trade unions in the UK", Manchester School, (September 1976), (reprinted in King, J.E. (ed.) Readings in Labour Economics, Oxford, (1980) pp. 258-275. (with C. Mulvey).
48. "The political economy of Mrs. Thatcher's monetarism", Quarterly Economic Commentary, (October 1981) pp. 44-60.
49. "The domestic and foreign-owned sectors of Scottish manufacturing: a macroeconomic approach to their relative performance and prospects" Scottish Journal of Political Economy, (August 1988) (with J Malley)
50. "The specification, estimation and simulation of a small global macroeconomic model". Economic Modelling (vol.10, pp. 127-151 1991) (with J Malley).
51. "The determination of Sterling M3, 1963-88: an evolutionary macroeconomic approach" The Economic Journal vol. 102. (May 1992) pp. 481-496.
52. "The thermodynamic approach to economic analysis: an assesement" Der Offentliche Sektor, vol 18, No. 2/3, 1992, pp.12-26.
53. "Economics and the self-organisation approach: Alfred Marshall revisited?" The Economic Journal, vol 103, No 419 (July 1993) pp 975-991. Reprinted in Cognitive Economics, eds. M.Egidi and S. Rizzello (Critical Writings in Economics Series: ed. M Blaug), Edward Elgar: Cheltenham, 2004, pp.305-321.
54. "An evolutionary macroeconomic model of Australian dollar M3 determination: 1967-93" Applied Economics, vol 26, 1994, pp.1109-20.
55. "Remittances and savings in migrant sending countries" Pacific Economic Bulletin, 1994 vol. 9, No. 2, 1994, pp.27-34. (with R.P.C. Brown)

56. "The relationship between remittances and savings in small Pacific Island states; some econometric evidence" Asian and Pacific Migration Journal, Vol.4, No.1, 1995, pp.117-138.
57. "Remittances, savings and policy formation in Pacific Island States" Asian and Pacific Migration Journal, Vol.4, No.1, 1995, pp.169-186.(with R.P.C.Brown and J.Connell)
58. "The impact of the self-organisation approach on economic science: why economic theory and history need no longer be mutually exclusive domains" Mathematics and Computers in Simulation, 1995, vol 39 pp.393-398.
59. "Some common fallacies about migrants' remittances in the South Pacific: lessons from Tongan and Western Samoan research" Pacific Viewpoint, vol. 36, 1995, pp.29-45 (with R.P.C.Brown).
60. "Economic evolution and the science of synergetics" Journal of Evolutionary Economics, 1996, Vol.6: pp.239-260.
61. "Economics and the diffusion of communication and information technologies: Joseph Schumpeter and the self-organisation approach" Prometheus, Vol.15, 1997 pp.57-71.
62. "The analytical foundations of evolutionary economics: from biological analogy to economic self-organisation" Structural Change and Economic Dynamics, 1997. Reprinted in Cognitive Economics, eds. M.Egidi and S. Rizzello, (Critical Writings in Economics Series: ed. M Blaug) Edward Elgar: Cheltenham, 2004, pp.392-416.
63. "Abstraction in economics: incorporating the time dimension" International Journal of Social Economics, vol 25, 1998, pp. 146-167.
64. "Knowledge utilisation, employment, productivity and investment in information and communication technologies: a simple model" Communications Research Forum Papers, 1998, vol I, pp.169-82 (with D. Anthony, G. Hearn, T. Mandeville, D. Rooney and T, Stevenson).
65. "A new approach to identifying structural change in economic systems: the case of the Queensland Economy" Australian Economic Papers, vol. 38, 1999, pp.64-78 (with H. Schnabl, G. West and A. Cook).
66. "Econometric modelling in the presence of evolutionary change" Cambridge Journal of Economics (with P.Wild), 23, 1999, 749-770. Reprinted in U.Witt (ed.) Recent Developments in Evolutionary Economics, Cheltenham, Edward Elgar, 2008, pp.401- 422.

67. Detecting self-organisational change in economic processes exhibiting logistic growth" Journal of Evolutionary Economics vol 9, 1999 pp.109-133. (with P. Wild). Reprinted in U. Cantner, H. Hanusch and S. Klepper (eds.) Economic Evolution and Complexity, New York, Physica-Verlag, 2000, pp. 159-184.
68. "Competitive Selection, Self-Organization and Joseph A. Schumpeter," Journal of Evolutionary Economics 10, 2000, 311-328. Reprinted in D. Mueller and U. Cantner (ed.) Capitalism and Democracy in the 21<sup>st</sup> Century, New York, Physica-Verlag, 2001, pp. 317-334.
69. "Is there a role for transaction cost economics if we view firms as complex adaptive systems?" Contemporary Economic Policy, 2000, vol 18, pp. 369-387.
70. "Overcrowding and infant mortality: a tale of two cities" Scottish Journal of Political Economy, 2002, vol 49, pp. 129-149 (with R.A. Cage)
71. "Interactive expectations" Journal of Evolutionary Economics, 2002, vol.12, pp.375-396.(with B. Flieth).
72. "Micro-meso-macro" Journal of Evolutionary Economics, 2004, vol. 14, pp. 263-280 (with K. Dopfer and J. Potts). Reprinted in U.Witt (ed.) Recent Developments in Evolutionary Economics, Cheltenham, Edward Elgar, 2008, pp.496-512.
73. "From simplistic to complex adaptive systems in economics." Cambridge Journal of Economics, 2005, vol. 29, pp. 873-892. Reprinted (in Spanish) in J.J. Urrieta, Evolucionismo Economico, Instituciones y Sistemas Complejos Adaptativos, Editorial Porrua, Mexico, 2007, pp. 127-54.
74. "Structural change in macroeconomic time series: a complex system perspective." Journal of Macroeconomics, 2006, vol. 28, pp. 136-150. (with M. Hinich and P. Wild).
75. "Adaptive economic growth." Cambridge Journal of Economics, 2006, vol. 30, pp. 7-32. (with J.S. Metcalfe and R. Ramlogan). Reprinted in U.Witt (ed.) Recent Developments in Evolutionary Economics, Cheltenham, Edward Elgar, 2008, pp. 167-192..
76. "Why is economics not a complex systems science?" Journal of Economic Issues, 2006, vol. XL, pp. 1069-91.
77. "The new entropy law and the economic process," Ecological Complexity, 2006, vol. 3, pp. 354-360 (with A Raine and J. Potts)

78. "Teaching economics in a changing environment: the case of introductory postgraduate economic statistics," Economic Analysis and Policy, 2007, vol. 37, pp. 187-204. (with Alauddin, M).
79. "Randomly modulated periodic signals in Australia's national electricity market." The Energy Journal, 2008, Vol. 29 Issue 3, p105-129. (with Hinich, M. and Wild, P)
80. "The 2020 Summit: the Future of the Economy" Agenda, 2008, vol. 15, No. 2, pp. 13.
81. "DFT filters: cycle extraction and Gibbs' effect considerations," Macroeconomic Dynamics, 2009 (in press) (with Hinich, M. and P. Wild).
82. "Introduction and Overview," Economics of Innovation and New Technologies, Special issue on 'Knowledge, innovation and evolutionary economic modelling: some complex systems perspectives' edited by Foster, J. and Metcalfe, J.S., 2008, Vol. 18 (in press).
83. "Joseph Schumpeter and Simon Kuznets: comparing their evolutionary economic approaches to business cycles and economic growth," Journal of Evolutionary Economics, 2009 (forthcoming).

**Major Book Reviews:** (excluding book review notes and short book reviews):

84. The Generalisation of the General Theory and Other Essays and Further Contributions to Modern Economics, by Joan Robinson, The Economic Journal (December 1981) pp. 1041-1043.
85. Unemployment: A Disequilibrium Approach, by Mark Casson, The Economic Journal, (June 1982) pp. 419-421.
86. The Causes of the Present Inflation, by Andrew Tylecote, The Economic Journal (June 1983) pp. 424-425.
87. Macroeconomics after Keynes, by Victoria Chick, Economica (1984) pp. 361-363.
88. Inflation, Debt and Indexation by Rudiger Dornbush and Mario H. Simonsen The Manchester School (January 1985) pp. 434-436.
89. The Keynesian Revolution and its Critics: Issues of Theory and Policy for the Modern Production Economy by Gordon Fletcher, Journal of Economic Literature (Vol. 27, 1989, pp. 1168-1170).

90. The Theory of Economic Breakdown by John Cornwall, Journal of Public Policy (Vol.18, 1990, pp.561-563)
91. Keynes's Vision: A New Political Economy by Athol Fitzgibbons, Review of Political Economy (Vol. 3 pp.116-7 1991).
92. A Replicative Perspective on Evolutionary Dynamics: The Organising Process of the US Economy Elaborated through Biological Metaphor by M. Pantzar, Journal of Evolutionary Economics V. 3 1993, pp.171-2.
93. Foreword to Wage Inflation and the Two-Tier Labour Market (Aldershot: Avebury, 1993) by Ioannis Theodossiou, pp xiii-xv.
94. The Economics of Order and Disorder by J. Lesourne, Economic Record Vol.69 1993, pp.347-349.
95. Chaos and Non-Linear Models in Economics: Theory and Applications by John Creedy and Vance L. Martin (eds.), Economic Record Vol.70, 1994, pp.356-7.
96. Lost Prophets: an Insider's History of the Modern Economists by A.L Malabre, Jr., Agenda, vol 1, No.2, 1994 pp. 245-7.
97. Evolutionary Concepts in Contemporary Economics by R.W. England (ed.), Economic Record, Vol.71, 1995, pp. 391-393.
98. Innovation, Welfare and Industrial Structure: an Evolutionary Analysis by T.M.Wakeley, Prometheus, 1997, Vol.15, No.3.

(I ceased writing book reviews in 1997 owing to pressure of work)