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PUBLICATIONS

Books

Hodgson, S. M. and Irving, Z. M. (eds.) (2007) *Policy Reconsidered: meanings, politics and practices*, Bristol: The Policy Press, 250 pp.

Chapters and other edited contributions

Hodgson S.M. and Phillips D. (2011) 'The Environmental Challenge', in Fitzpatrick T. (ed.) *Understanding Environmental Policy: Understanding Welfare series*, Bristol: Policy Press.

Molyneux-Hodgson S (2009) The Contexts of Knowing, in Felt (ed.) *Knowing and Living in Academic Research: convergence and heterogeneity in research cultures in European context*, Prague: Institute of Sociology of the Academy of Sciences of the Czech Republic. pp:3.

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[plus contributions to Chapters 3 (p.127-168) and Chapter 4 (p. 169-226) in Felt (ed.)

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Rojano, T., Sutherland, R., Jinich E., Mochon S. and Molyneux S. (1996) 'Las prácticas matemáticas en las materias científicas de la enseñanza media: el papel de la modelación', in F. Hitt (ed.) *Investigaciones en Matemática Educativa*, Mexico: Grupo Editorial Iberoamérica, pp 365-88.

Matsuda, H., Molyneux, S., Kar, A.K., Okada, S., Nakanishi, H. and Wherrett, B.S. (1993) 'Third-order optical nonlinear properties of poly-DCH thin single crystals', in G. J. Ashwell and D. Bloor (eds.) *Organic Materials for Nonlinear Optics*, London: Royal Society of Chemistry, pp 219-24.

Molyneux S., Kar A.K., Wherrett B.S., Axon T.L. and Bloor D. (1993) 'Subpicosecond investigation into the third-order nonlinear optical properties of polydiacetylenes', in G. J. Ashwell and D. Bloor (eds.) *Organic Materials for Nonlinear Optics*, London: Royal Society of Chemistry, pp 259-64.

Refereed journal publications

Newman R., Ashley R., Molyneux-Hodgson S. and Cashman A (2011) 'Managing water as a socio-technical system: the shift from 'experts' to 'alliances'', *Engineering Sustainability*. Vol 164, no. 1: 95 –102.

Meyer M. and Molyneux-Hodgson S. (2011) 'Communautés épistémiques': une notion utile pour théoriser les collectifs en sciences, *Terrains et Travaux*, Vol 18 : 141 – 154

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Hodgson, S. and Clark T. (2007) 'Sociological engagements with computing: the advent of e-science and some implications for the qualitative research community', *Sociological Research Online* <http://www.socresonline.org.uk/12/3/9.html>

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Butterfield, A., Sutherland, R., and Molyneux-Hodgson, S. (2000) 'Learning conversions in science: The case of vocational students in the UK', *ALT-J*, vol. 8, part 3: 89-104.

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Selected refereed conference papers

Ashley R.M., Molyneux-Hodgson S., Hurley A.L., Moug P., and Wild T. (2008) 'Assessing sustainability for urban regeneration in a river corridor - accounting for climate change', Low Impact Development, Seattle, USA. pp11.

Newman R., Ashley R.M., Blanksby J. and Molyneux-Hodgson S. (2008) 'Stakeholder engagement as an essential component for transition to sustainable flood risk management', Proc. 11th International Conference on Urban Drainage, Edinburgh, UK. ISBN 978 1899796 212

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Hodgson P., Brimacombe L., Coleman N., Honess C., Millar I. and Hodgson S.M. (2006) 'Sustainability Assessment Tools and their Application in the Construction Sector', Sustainable Innovation '06: Global Challenges, Issues and Solutions, Chicago, USA.

Molyneux-Hodgson S. (1999) 'Messages from the front and other places: how engineering students are enculturated', American Education Research Association, Montreal, Canada, pp16. Available from http://eric.ed.gov/ERICDocs/data/ericdocs2sql/content_storage_01/0000019b/80/17/9e/c8.pdf

Molyneux-Hodgson S. and Mochon S. (1997) 'The Potential of Computers as a Modelling Tool', American Educational Research Association, Chicago, USA. pp13. Available from http://eric.ed.gov/ERICDocs/data/ericdocs2sql/content_storage_01/0000019b/80/17/a8/0c.pdf

Mochon S., Rojano T., Jinich E., Sutherland R. and Molyneux S. (1996) 'Mathematical modelling using spreadsheets in science courses', *Proc. International Conference on Technology and Education*, New Orleans, USA.

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Molyneux S., Kar A.K. and Wherrett B.S. (1992) 'Sub-picosecond investigation of near resonant third-order optical nonlinearities in polydiacetylene', *Proc. of the International Quantum Electronics Conference*, Vienna, Austria.

Selected other papers, reports and commissioned publications

Molyneux-Hodgson S (2008) 'Lessons from the conduct of an inter-disciplinary seminar series', advice presented to ESRC and NERC arising from 'Water, Environment and Society'.

Newman, R., Ashley, R. M., Blanksby, J. R., and Molyneux-Hodgson, S. (2008) 'ERA-NET CRUE. Risk Assessment and Risk management in Small Urban Catchments: Effectiveness and Efficiency of Non-structural Flood Risk management Measures. Defra project FD2603', Additional activities in Glasgow for the Scottish Government.

KNOWING (2007) *Discourses of Gender in Institutions*, Report to the EU Science and Society Programme, Project SAS-CT-2005-017617.

Coleman N., Hodgson P., Hodgson S.M., Brimacombe L., Millar I. and Honess C. (2007) 'The Role of Materials in Sustainable Construction and Through-life Building Assessment Models', Society and Materials, Seville, Spain.

Ashley, R., Newman, R., Blanksby, J. and Molyneux-Hodgson, S. (2007) 'Risk assessment and risk management: Opportunities to mitigate flood risk in the east end of Glasgow using non-structural responses', Defra project FD2603, Additional activities in Glasgow for the Scottish Government.

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Hoyles, C., Wolf, A., Molyneux-Hodgson, S. and Kent, P. (2002) *Mathematical Skills in the Workplace*, 192 pages. London: Science, Technology and Mathematics Council.

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Molyneux-Hodgson, S. *Educacion Fisica con I.T.* (2000) Final report to Ministry of Education, Mexico.

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