

Christina Prell, PhD

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Education

Ph.D. in Communication and Rhetoric at Rensselaer Polytechnic Institute, Troy, NY, USA.

Date of defense: 15 April 2003. GPA: 3.9

M.S. in Communication and Rhetoric at Rensselaer Polytechnic Institute, Troy, NY, USA.

Graduation date: 1997. GPA: 3.9

B.A. in English Literature at University of Massachusetts, Amherst, MA, USA. Graduation date: 1993 GPA: 3.56

Publications

Books

Prell, Christina (forthcoming, 2011). Social network analysis: history, theory, and methodology. *Sage publications*.

Prell, Christina and Bodin, Örjan (forthcoming, 2011). Social network analysis and natural resource management. *Cambridge University Press*.

Journal articles

Prell, C., M. Reed, L. Racin, and K. Hubacek. 2010. Competing structure, competing views: the role of formal and informal social structures in shaping stakeholder perceptions.

Ecology and Society 15(4): 34. [online] URL:

<http://www.ecologyandsociety.org/vol15/iss4/art34/>

Crossley, N., Prell, C., Scott, J. (2009). Social Network Analysis: Introduction to Special Edition. *Methodological Innovations Online*, 4: 1-7.

Prell, Christina (2009). Linking Social Capital to Small-worlds: A look at local and network-level processes and structure. In special issue of *Methodological Innovations Online*, 4: 8-17.

Prell, Christina (2009). Rethinking the Social Construction of Technology through 'Following the Actors': A Reappraisal of Technological Frames. *Sociological Research Online*, 14 (2) <http://www.socresonline.org.uk/14/2/4.html>.

Prell, Christina, Klaus Hubacek, Mark Reed (2009). Stakeholder analysis and social network analysis in natural resource management. *Society and Natural Resources*, 22(6): 501-518.

Prell, Christina, and Skvoretz, John. (2008). Looking at social capital through triad structures. *Connections*, 28(2):4-16.

Prell, Christina, Klaus Hubacek, Claire Quinn, Mark Reed (2008). Who's in the social network? When stakeholders influence data analysis. Special Issue in *Systemic Practice And Action Research*, 21: 443-458.

Prell, Christina, Klaus Hubacek, Mark Reed, Tim Burt, Joe Holden, Nanlin Jin, Mike Kirby, Claire Quinn, Jan Sendzimir. (2007). If you have a hammer everything looks like a nail: 'traditional' versus participatory model building. *Interdisciplinary Science Review*, 32/3, pp. 263-282.

Holden, J., Shotbolt, L., Bonn, A., Burt, T.P., Chapman, P.J., Dougill, A.J., Fraser, E.D.G., Hubacek, K., Irvine, B., Kirkby, M.J., Reed, M.S., Prell, C., Stagl, S., Stringer, L.C., Turner, A., Worrall, F. (2007) "Changing environmental conditions in UK moorlands: a review". *Earth Science Reviews*, Vol. 82, 75-100

Hubacek, Klaus, Christina Prell, Mark Reed, Aletta Bonn, Dan Boyd (2006). Using Stakeholder and Social Network Analysis to support participatory processes. *International Journal of Biodiversity Science and Management*, Vol. 2, No. 3, 249-252.

Stringer, L.C., Andrew J. Dougill, Evan Fraser, Klaus Hubacek, Christina Prell and Mark S. Reed (2006). Unpacking 'participation' in the adaptive management of socio-ecological systems: a critical review. *Ecology and Society*. 11: 39 [online].

Prell, C. (2006). Social Capital as Network Capital: Looking at the Role of Social Networks Among Not-For-Profits. *Sociological Research Online*, Volume 11, Issue 4, <<http://www.socresonline.org.uk/11/4/prell.html>>.

Dougill, A.J., Fraser, E.D.G., Holden, J., Hubacek, K., Prell, C., Reed, M.S., Stagl, S.T. and Stringer, L.C. (2006). "Learning from doing participatory rural research: Lessons from the Peak District National Park". *Journal of Agricultural Economics*; Vol. 57, No. 2, 259-275

Prell, C. (2004) 'Studying IT and community'. *Graduate Journal of Social Science*, vol. 2 (http://www.gjss.org/journal_index.shtml)

Prell, C.L. (2003). Community networking and social capital: early investigations. *Journal of computer-mediated-communication. JCMC*, (consulted March 2008): <http://jcmc.indiana.edu/vol8/issue3/prell.html>

Prell, C.L. (2002). The Social shaping of a technological idea: How a community network database was conceived. *European Journal of Communication Research*, vol. 27, pp. 279-299.

Book Chapters

Prell, C.L. (2004). Web writing and service learning: A call for training as a final deliverable. In J.A. Inman, C. Reed, and P. Sands (Eds.) *Electronic collaboration in the Humanities: Issues and options*. Lawrence Erlbaum Associates, pp. 187-197.

Harrison, T., Zappen, J., & Prell, C. (2002). Transforming new communication technologies into community media. In N. W. Jankowski and O. Prehm, *Community media in the information age: Perspectives and prospects* (pp.249-270). Cresskill, NJ: Hampton Press.

Harrison, T.M., Zappen, J.P., Stephen, T., Garfield, P., Prell, C. (2000). Building an electronic community: A town-gown collaboration. In G. Shepard and E. Rothenbuhler (Eds.), *Communication and community*. Lawrence Erlbaum Press.

Odell, L., Prell, C.L.(1999). Rethinking research on composing: Arguments for a new research agenda. In M. Rosner, B. Boehm, and D. Journet (Eds.), *History, reflection, and narrative: The professionalization of composition, 1963-1983*, (pp.150-175). Stamford, CT: Ablex Publishing Corporation.

Research reports

Hubacek, K, Prell C, Reed M, et al. (2005). "Sustainable Uplands Mangement". *Final Report for the Rural Economy and Land Use Programme* (funded by ESRC, NERC, BBSRC): RES-224-25-0088.

Reed MS, Prell C, Hubacek K (2005) Sustainable Upland Management for Multiple Benefits: a multi-stakeholder response to the Heather & Grass Burning Code consultation. project report submitted to DEFRA's consultation on the review of the Heather and Grass Etc. (*Burning*) Regulations 1986 and the Heather and Grass Burning Code 1994.

Invited Papers/lectures

Prell, C (2009). Social capital and small worlds. Presented at *Modelling social networks course*, led by Professor Nigel Gilbert. Sociology department, University of Surrey. Guildford, UK, November 28 2009.

Prell, C. (17 March, 2009). Social capital and small worlds. Invited talk at *Manchester Social Networks Group at the School of social sciences*. University of Manchester, Manchester, UK.

Prell, C. (January 2008). Social capital from a network perspective. Invited talk at *ESRC Seminar on "Social Network Analysis as a Measure of Social Capital in Sociological and Historical Research*. University of Nottingham.

Prell, C. (December 2007). Social capital and small worlds. Invited talk at *ESRC Seminar Series on Social Networks, seminar on Advances in SNA*. University of Sheffield, Sheffield, UK.

Hubacek K, Prell C and Reed M(2006). Stakeholder identities and stakeholder mappings in futures research. Invited Paper for the *Rural Futures Conference* in Portsmouth, UK. April, 2006.

Hubacek K, Reed MS, Fraser EDG, Dougill AJ, Prell C, (2006). "Upland Management and implementation of the CAP." Invited Paper for *RELU conference*, Manchester, UK. January 2006.

Hubacek K et al.(2005). "Doing Adaptive Learning Rural Research: Lessons from the Peak District National Park", BioScene 2005 - *Biodiversity Conservation and Sustainable Development in the Mountain Areas of Europe: the challenge of interdisciplinary research*, Ioannina, Greece, September.

Dougill AJ, Reed MS, Hubacek K, Burt T, Chapman PJ, Fraser EDG, Holden J, Kirkby MK, Prell C, Sendzimir J, Shotbolt L, Stagl ST, Stringer LC, Turner A, Worrall F (2005). "Managing Uncertainty in Dynamic Socio-Environmental Systems: An Application to UK Uplands", ESRC/NERC/BBSRC Rural Economy and Land Use Programme: *Scoping the Research Agenda*, Kings Rooms, York, May.

Hubacek K, Reed MS, Dougill AJ, Burt T, Chapman PJ, Fraser EDG, Holden J, Kirkby MK, Prell C, Sendzimir J, Shotbolt L, Stagl ST, Stringer LC, Turner A, Worrall F (2005). "Sustainable Upland Management for Multiple Benefits", *ESRC/NERC/BBSRC Rural Economy and Land Use Programme: The Challenge for Research*, 19-21 January.

Reed MS, Prell C, Hubacek K (2004). "Managing Uncertainty in Dynamic Socio-Environmental Systems: an application to upland management", *Moors for the Future Conference*, Castleton, October.

Conference Papers

Prell, C., Hubacek, K. & Reed, M. Social structures and land management views. (2010). Proceedings from Sunbelt XXX. Riva del Garda Fierecongressi, Trento, Italy

Prell, C. & Kiran, M. The processes of social capital and the emergence of network structure. (2010). Proceedings from Sunbelt XXX. Riva del Garda Fierecongressi, Trento, Italy :.

Prell, C. and Kiriam, M. (2010). Sequencing in the use of actor-based models for simulating networks, Presented at the 6th UK Social Networks Conference, University of Manchester, Manchester, UK.

Prell, C., Reed, M., Hubacek, K (2009). 'Social networks and stakeholders' views; some implications for social learning initiatives'. Presented at the 4th Lüneburg Workshop on Environmental and Sustainability Communication, Communication and Learning in Networks: Potentials and Challenges for Environmental Sustainability, 28-29 September 2009. Leuphana University, Institute for Environmental and Sustainability Communication (INFU), Lüneburg, Germany

Prell, C.; Hubacek, K.; Reed, M.; Birch, J.; Quinn, C. (2009). Social networks and natural resource management: looking at the relationship between stakeholder ties and land management views. Presented at the 7th international science conference on the human dimensions of global environmental change, 26-20 April, World Conference Centre, Bonn, Germany. (Convenor of the session Social network analysis and resource management; assessing the state of the art).

Prell, C. (2009). Social capital and small worlds. Presented at the 5th UK SNA conference, 3-5 July, 2009, University of Greenwich, London, UK.

Prell, C. (September, 2008). Social capital and small-worlds. Presented at International Conference on Social Science Research Methodologies September 1-5 2008, Università "Federico II" di Napoli, Italy.

Prell, C., Reed, M., and Hubacek, K (July, 2006). 'Social Learning and Social Network Analysis: A Case Study in the Peak District National Park'. Presented at Social Network Analysis: Second Forum on Advances and Empirical Applications, Leeds University Business School.

Prell, C. Hubacek, K., Reed, M. (October 2006). 'Stakeholder analysis and social network analysis for social learning in natural resource management'. Presented at the 3rd Annual Applications of Social Network Analysis, University of Zurich.

Prell, C.; Hathornthwaite, C. (October 2006). 'Social Ties and Social Identity: Looking at the Roles of Media and Motivation in Computer-Mediated Groups'. Presented at the 3rd Annual Applications of Social Network Analysis, University of Zurich.

Hubacek, K, Christina P, Reed MS (2006) Stakeholder identities and stakeholder mappings in futures research. Rural Citizen conference, Plymouth, April 2006.

Hubacek K, Prell C, Reed M, Quinn CH (2006) Using Stakeholder and Social Network Analysis to support participatory processes. Sustainable Uplands: Future Scenarios for People, Environment, and Landscape: A Future Vision Conference and workshop for the Uplands, 30 May - 1 June, Kendall, Cumbria.

Reed MS, Dougill AJ, Fraser EDG, Burt T, Chapman PJ, Cornell S, Holden J, Hubacek K, Irvine B, Jin N, Kirkby M, Kunin B, Prell C, Quinn CH, Ritsema C, Jetten V, Sendzimir J, Stagl ST, Stringer LC, Taylor M, Termansen M, Turner A, Worrall F (2006) An adaptive learning process for developing and applying sustainability indicators with local communities, Participatory Approaches in Science & Technology (PATH) Conference,

4-7 June, Edinburgh, Scotland.

Prell, C. and Skvoretz, J. (October 2005). Searching for social capital in groups. Presented at Applications of Social Network Analysis, Zürich, October 20-21, 2005.

Prell, C. and Skvoretz, J. (July 2005). Micro foundations of social capital. Presented at The 37th World Congress of the International Institute of Sociology, Stockholm, July 5-9, 2005.

Prell, C. and Skvoretz, J. (July 2005). Social Capital Networks: A Look at Microdynamics, presented at Social Network Analysis: Advances and Empirical Applications Forum, at Multidisciplinary Centre for Social Sciences, University of OXFORD, July 16-17

Prell, C.L. (October 2002). Community networking and social capital. Paper presented at the second EURICOM Project Colloquium: Electronic Networks and Democratic Life, Nijmegen, Netherlands.

Prell, C.L. (October 2002). The Social construction and early shaping(s) of a community (network) database. Paper presented at the third conference of the Association of Internet Researchers, International Institute of Infonomics, Maastricht, Netherlands

Prell, C.L. (September 2001). The Social shaping of a technological idea: How a community network database was conceived. Paper submitted and received for the First EURICOM Project Colloquium: Electronic Networks and Democratic Life, Piran, Slovenia.

Prell, C.L. (May 2001). The development of a communication technology: How a database became a community network (or was it the other way around?). Paper presented at the annual meeting of the International Communication Association Conference, Washington, D.C.

Prell, C. L. (November 2000). The relationships between virtual community(s) and democracy(s). Paper presented at the annual meeting of the National Communication Association Conference, Seattle, WA.

Harrison, T.M., Zappen, J.P., Prell, C.L. (September 2000). Transforming new communication technologies into community media. Paper presented at the first conference of the Association of Internet Researchers, University of Kansas, Lawrence, KS.

Prell, C. L. (March 1999). Web writing and community service: The importance of ownership and sustainability. Paper presented at the conference on College Composition and Communication, Chicago, IL.

Awards, Grants, Professional Experience

Modelling Human Dimensions of Global change (Successfully funded). Dean's initiative of the College for Behavioral and Social Sciences, University of Maryland (\$115,000). Co-investigator.

ESRC Exploratory Networks Programme (Successfully funded): Behaviour for well-being, environment and life (BE-WEL). Amount: £199460.70 Duration: 1 July 2009-1 July 2010. Co-investigator.

ESRC First Time Grants Awards Scheme (Successfully funded project): Social capital and small worlds: theoretical and empirical advances. Amount: £75,000. Duration: June 2008 – June 2010. Principle investigator. Colleagues include: Professor Tom Snijders (scientific mentor) and Professor Alan Walker (institutional mentor).

Sustainable Uplands: Managing Uncertainty in Dynamic Socio-Environmental Systems (Successfully funded project). **Funding body:** ESRC, NERC,BBSRC with DEFRA and SEERAD under the Rural Economy and Land Use Programme. **Amount:** £799,297 (I receive £21,377). **Duration:** 2005-2009.

Sustainable Upland Management for Multiple Benefits (Successfully funded Scoping Study). **Funding body:** ESRC, NERC,BBSRC with DEFRA and SEERAD under the Rural Economy and Land Use Programme. **Amount:** £48,961 plus £68,000 in-kind contributions **Duration:** 2004-2005 (completed)

ESRC Research Programme. To attend workshops on the following topics: multilevel modeling, logistical regression, sampling.

McDaniel College Faculty Development Grant, Summer 2002. Amount: \$1,278.00. Grant for attending a 2 week course in social network analysis at the University of Essex.

Visiting Scholar at International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria. January, 2001 and Summers 2002, 2003.

NSF Award for CASOS Summer Institute at Carneige Mellon Univerisity, Summer 2001. Amount: \$500.

Research Assistantship Fellowship from Rennsselaer Polytechnic Institute, Spring semester 2000.

Teaching Assistantship Fellowship from Rensselaer Polytechnic Institute, Academic years 1997, 1998, 1999, 2000.

Topper Scholarship from Rensselaer Polytechnic Institute, Academic year 1995. Amount: \$5,000

Honors Scholarship from Manhattanville College. Amount: \$3,000

PhD Supervision

Land-use decision making and land degradation in the American Southwest.

This is a Phd project, my role is co-supervisor of Yang Yu, working with Professor Tony Parsons and Professor John Wainwright from Department of Geography. This project investigates people's motivations of land-use decision making, and examines the mutual relationship between people and the land.

Teaching

University of Sheffield, Sociological Studies Department

Sociology of the Environment (SCS XX) this course is in development

Social Research Principles and Skills (SCS202)

Social Networks (Masters level)

Sociology of the Environment (module under development for 2012)

University of Essex, Summer school for social sciences.

Teaching assistant for Professor John Skvoretz on Advanced social network analysis

McDaniel College, Communication Department

Mass Communication COM 2001 Communication Research Methods COM 2202
Computer-Mediated-Communication COM 3000 Public Speaking COM 1110

**Rensselaer Polytechnic Institute, Language, Literature, and Communication
Department**

Introduction to Communication Theory, 1000 Level Course. Instructional Multimedia
Design Trainer, Non-Credit Course. Communication and Computer Interactions, 1000
Level Course (co-taught). Communication Design for the WWW (Distance Education
Course), 6000 Level Course (co-taught) □ Rhetoric and Writing, 2000 Level Course.
Expository Writing , 1000 Level Course.

Editorial Boards and Reviewing Commitments

Sociological Research Online (May 2005 – January 2009)

Reviewed papers/books/proposals for:

Sociological review, Urban affairs review, SAGE publications, ESRC, Social science
research, Ecology and society, Conservation biology.

Reviewer of paper submissions (2 times): International Communication Association
Conference (2001, 2002).

Departmental and Professional Service and Activities

Departmental Seminar Coordinator (2009--2010), University of Sheffield.

Extensions officer for first year students, University of Sheffield, Sociological Studies
Department (2003-2005).

Various committee work at McDaniel College

Graduate Student Peer Advisor: Fall Semesters 1998 and 2000, Rensselaer Polytechnic
Institute.

International Network of Social Network Analysis (INSNA) February 2004 – present.

National Communication Association Member: 1998, 2000 – 2003.

International Communication Association Member: 2001- 2003.