

Martine Buser, PhD.

Name : Martine Buser
Nationality : Swiss
Position at : Department of Civil and Environmental Engineering
Construction Management
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Languages : French, English, Danish fluent; German and Swedish intermediate
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Current employment

2012- Assistant professor, Division of Construction Management, Dep. Of Civil and Environmental Engineering, Chalmers University of technology, Göteborg.

Qualifications

2008 PhD-thesis in social sciences Department of Environmental, Social and Spatial Change ENSPAC, Roskilde University, Denmark.
1994 European Master in Society, Science and Technology (ESST), Swiss Federal Institute of Technology, Lausanne, (EPFL), Switzerland.
1992 Degree in Sociology and Anthropology, Social Sciences Faculty of Lausanne University, Switzerland.

Work life experience (within academia)

2009-2011 Assistant Professor in Technology and Innovation Sociology at the Institute of Business and Technology of Aarhus University, Herning, Denmark.
2008-2009 Lecturer position teaching Theory of Science, Methodology and Organisation Sociology for bachelor and candidate educations at the Institute of Business and Technology of Aarhus University, Herning, Denmark.
2005-2007 PhD student at the Department of Environmental, Social and Spatial Change (ENSPAC), Roskilde University Denmark.
2004-2005 Research assistant at Faggruppen for Byggeproduktion og ledelse, BYG, Danmarks Tekniske Universitet, Danish Technical University, Kongens Lyngby, Denmark.
1998-2003 Scientific collaborator at the European Master in Society, Science and Technology (ESST) Lausanne, first attached to the Institute for Built Environment IREC (until 2002) and then Institute of Logistic Economy and Management, ILEMT of the Swiss Federal Institute of Technology Lausanne, EPFL, Switzerland.
1995-1998 Part time position (50%) as research assistant at ESST, EPFL.

Research projects

- 2012-2013 Et mangfoldigt arbejdsmarked Fremtidens (produktions) ledere i bygge og anlægsbranchen (FLIBA, INTEREG).
- 2010-2011 Technology observatory: Developing new pedagogical scenario to attract new students to engineering education., Regional Udvikling ▪ Region Midtjylland Virksomheds- og Kompetenceudvikling.
- 2009-2011 The role of Mentoring in Education on Innovation, AU HIH.
- 2005-2007 PhD student at the Department of Environmental, Social and Spatial Change (ENSPAC) part of the project “Kontrolformer, køn og arbejdsmiljø i IT baseret administrativt arbejde, Videncenter for Arbejdsmiljø.”
PhD supervisors Prof Helge Hvid and Klaus T. Nielsen. Teksam ENSPAC, RUC.
- 2004-2005 Arbejdsmiljøudvikling I vidensintensive virksomheder med new office og vidensledelse, the Work Environment council. Denmark, DTU.
- 2004 Nye informations- og kommunikationssystemer på byggepladsen, Boligfonden Kuben, DTU
- 2003-2005 Offentlige Private Partnerskaber - Udenlandske erfaringer, netværks processer og byggevirksomhedernes rolle, Realdania og Grøntmij Carl Bro DTU.
- 2002-2003 Project collaborator « Government and Democracy in The Information Age », project on E-Governance COST A14 European Cooperation in the Field of Scientific and Technical Research, EPFL.
- 2002 Project manager and researcher: “ICT Uses in Transport SME’s : keys elements for planning” financed by the PREDIT group, French Minister of Transports, Paris, EPFL.
- 2000-2002 Project researcher “Process Reengineering in Europe: Choice, People and Technology” project PRECEPT part of the TSER-programme Socio-economic Sciences and Humanities Programme of the European Union, EPFL.
- 1999-2000 Project researcher: “New Communication and Collaboration Forms of Enterprises and their Consequences on Transports Issues”, EVITA, for the National Research Program, PNR 41, EPFL.
- 1998-2001 Project researcher “Social Learning in Multimedia” (SLIM, part of the EU-TSER- Socio-economic Sciences and Humanities Programme of the European Union, EPFL).
- 1999 Project manager and researcher “Telematics and New Forms of Works” for the Technology Assessment of the Swiss Science Board, EPFL.
- 1998 Assistant in the making of a tele-taught course using the ARIADNE tools, (RTD), project pertaining to the “Telematics for Education and Training” sector of the 4th Framework Program of R&D of the EU.
- 1997-98 Project researcher: “Territorial Impacts of a High Speed Train, Swissmetro”, Institut de Recherches sur l’Environnement Construit, Research Centre on the Built Environment, EPFL for the National Research Program, PNR 41 on Transport and Environment.
- 1996-98 Project researcher: “Evaluation of Telepoly, a Teleteaching Experiment Between the Two Swiss Federal Institutes of Technology” ESST/EPFL.
- 1995 Project researcher: “Integration of Information and Communication Technologies in the Swiss Federal Administration” for the Swiss Federal Chancellery, ESST/EPFL.

Teaching

- 2013- Examer and course responsible for the master course “Knowledge and Organisational Learning” (7,5 HEP) Chalmers.
PhD. supervisor for Veronica Carlsson: Facing the Energy Challenge: Innovative Business Models for Renovation of Buildings. Formas
- 2008- Supervision of more than 20 Master thesis
- 14.12.2012 Opponent at the final seminar for PhD. *Dissertation Purchasing in the Construction Industry: a Contractor-Supplier Perspective*. Mikael Frödell, Construction Management Chalmers.
- 2009-2011 “Methods and approaches to technologies in enterprises” M.Sc. (Civilingeniør, Cand.Polyt.) in Business Development at the HIH AU (5ETCs).
“Philosophy of science and research design” for the M.Sc in Marketing and Innovation.
- 2008-2010 “Theory of Science” for the 6th semester of Business Development Engineer and Electronic engineer (5ETCs).
- 2001 To make space, to live in spaces: Office spaces” Lecturer at the architecture department of the Federal Institute of Technology in Lausanne, EPFL during the summer semester, “for students in their 6th or 7th semester, teaching unit of professor Pierre Von Meiss.
- 1998-2001 Lecturer at the European Master in Society, Science and Technology ESST, at the EPFL. Week block course first semester: “Organising and analysing European S&T programmes: skills training”. Second semester “Assessing communications and developments supported by information technologies” 3 full days courses.

Publications

Peer reviewed international journals

- Buser M. (2013) Engineering Students as Innovation Facilitators for Enterprises, in *International Journal of Engineering Education: Impact of collaboration between academia and industry on Engineering Education*, IJEE vol.29 n° 5.
- Buser M., Koch C. (2012) Multiple institutional dynamics of sustainable housing concepts in Denmark – on the role of passive houses, *Sociology Study*, Vol. 2 No. 10. 2012, pp. 725-741.
- Koch C., Buser M. (2006) Emerging metagovernance as an institutional framework for public private partnership networks in Denmark. Paper published in the *International Journal of Project Management*. Volume 24 issue 7, page 548-556.
- Buser M., Olivier G. (2002) Use of it Innovation and Innovation of Uses: an Example of ICT Appropriation in the Insurance Sector. *Les Cahiers du Management Technologique*, ESC Grenoble, volume 12 n°1, page 35 -44.

Peer reviewed book chapters and monograph

Buser M., Koch C. (2012) Eyes Wide Shut? Loyalty and Practical Morality in Engineering Education. Chapter 15 in Hyldgaard Christensen S. (ed.) *Engineering, Development, and Philosophy: American, Chinese, and European Perspectives*. Springer, Dordrecht, pp. 253-267.

Buser M. (2008) Technology at work: An analysis of Contemporary Control Constellations and Work Organisation. Teksam ENSPAC Roskilde University.

Buser M. (2002) Mobile ou immobile ? le développement du travail à distance. In *Flash Informatique spécial été 2002 L'informatique mobile*.

Buser M., Koch C. (2002) Getting Hold on the Disappearing Worker? -Managerial Issues of Distance Work. In: von Zedtwitz M., Haour G., Khalil T., Lefebvre L. (Editors): *Management of Technology: Growth through Business, Innovation and Entrepreneurship*. Pergamon Press: Oxford, p 481-495.

Buser M., Poschet L. (2002) Mobile Arbeit in vielfältiger Ausprägung; in *Mobile Arbeit*, Herausgeber L. Rey, Zurich VDF, p 77-124.

Rossel P. Buser M. (2001) TELEPOLY: the Risk of Creating High-end Expectations in *Social Learning Technologies*. Van Lieshout M., Egyedi T., & Bijker W.E (eds.) Aldershot: Ashgate, p 206-225.

Buser M. (2001) Travail à distance, travail mobile et leurs impacts territoriaux, in Vodoz L. (2001), *NTIC et territoires*, CEAT, Lausanne, PPUR, p 149-170.

Buser M. (1998) Télétravail : mythe ou réalité, in *Au-delà du laboratoire: les nouvelles technologies à l'épreuve de l'usage*. Rossel P., Bassand M. & Roy M-A. (eds.), PPUR, Lausanne, EPFL, p 267-283.

Rossel P. Buser M. (1998) Le télé-enseignement sous évaluation in: *Au-delà du laboratoire: les nouvelles technologies à l'épreuve de l'usage*. Rossel P., Bassand M. & Roy M-A. (eds.), PPUR, Lausanne: EPFL. p. 125-142.

Refereed conference articles

Koch C., Buser M. (2013) The deflation of a management concept soufflé? – The emergence of new consultancy roles in Danish Public Private Partnerships, 28th EGOS Colloquium, Sub-theme 33 Management occupations: Exploring boundaries and knowledge flows, Montreal, Canada.

Buser M. Koch C. (2013) Taking issue with social sustainability in Urban Transition, in Proceedings of the 4th International Conference on Sustainability Transitions, p. 665-682, Zurich

Buser M. (2013) Time travellers: managers on the building site. Kajewski S., Manley K. and Hampson K. (eds): *Proceedings of the 19th CIB World Building Congress*, Brisbane 2013: Construction and Society. Queensland University of Technology. Brisbane. 12p.

Buser M., Koch C. (2012) Women at top level management at contractors in Denmark and Norway - Smith S (eds): *Proceedings 26th Annual ARCOM conference*, UK, pp. 261-272.

Koch C., Buser M. (2012) Multiple dynamics of sustainable housing concepts in Denmark – on the role of passive houses, *IST 2012 conference Proceedings* volume E. Theory Development and Critical perspectives pp.283-307

Buser M., Koch C., Josephson P-E. (2012) Diversity Management through Board representation in Construction. *Proceedings of the Joint CIB International Conference: Management of Construction: Research to Practice*, 26-29 June 2012, Montreal, Canada, ISBN/ISSN: 978-2-9813355-1-7

- Koch C., Buser M., Leiringer R. (2012) The life and death of a sustainable housing concept? The trajectory of passive houses in Denmark as part of the zero carbon transition. *Proceedings of the Joint CIB International Conference: Management of Construction: Research to Practice*, 26-29 June 2012, Montreal, Canada, ISBN/ISSN: 978-2-9813355-1-7
- Buser M. Koch C. Jensen S, (2011) I am useless... but not for long, 27th EGOS conference, Goteborg, sub-theme 12 Revisiting Innovation: Reassembling Spaces and Actors in Organizations.
- Jensen S., Buser M. (2011) University education as a driver for regional development: case study of a Danish university campus in a peripheral area. 14th Uddevalla symposium 2011 Bergamo.
- Buser M., Koch C., Jensen S. (2011) "Students as innovators", *Proceedings 12th International CINet Conference Continuous Innovation: Doing More with Less*. Aarhus, Denmark, September.
- Koch C., Tambo T., Buser M. (2010) "Between Fit and Misfit - small contractors using mobile technology", *Proceedings International Council for Research and Innovation in Building and Construction - CIB World Congress 2010*, Salford Quays. Manchester.
- Buser, M., Jensen, S. (2010) "Breaking the Wall", DRUID Society Summer Conference 2010, London, 16.6.2010 - 18.6.2010. Full paper:
<http://www2.druid.dk/conferences/viewabstract.php?id=501734&cf=43>
- Buser M., Koch C., Tambo T. (2010) Hand in glove? Small building contractors, mobile technology and innovation, *Proceedings of the International Association for Management of Technology (IAMOT): Technology as the Foundation for Economic Growth*, Cairo Egypt ISBN 0-9815817-3-0A.
- Buser, M., Jensen, S. (2010) What have I learnt today? *Proceedings of the International Association for Management of Technology (IAMOT): Technology as the Foundation for Economic Growth*, Cairo Egypte ISBN 0-9815817-3-0
- Buser M., Koch.C (2010) Small and local until it hurts? –Architects and Engineers development in a Professional knowledge industry. Ceric A. & Radujkovic M. (eds) *Construction facing worldwide challenges Proceedings Joint International Symposium W055 Building Economics and W065 Organization and Management of Construction*, Dubrovnik. Pp. 651-661.
- Koch C., Buser M. (2009) A long and winding road, -Public Private Partnerships in Denmark as hesitant innovation. The 25th Colloquium of the European Group on Organisational Studies EGOS, Barcelona.
- Buser M., Koch C. (2008) Surveillance and management repertoire in distributed forms of organisations, 24th Colloquium of the European Group on Organisational Studies (EGOS), Surveillance and management repertoire in distributed forms of organisations Amsterdam 10-12 July.
- Koch C., Buser M. (2005) Developing Public Private Partnership in Denmark: the Role of Construction Firms in networked public services. The International Conference on Construction in the 21st Century (CICT-III) 15-17, September 2005, Athens, Greece.
- Koch C., Buser M., Thuesen C. (2004) Managing Projects with the Public : Bringing Partnering, contracts and financing together in building services. Proceedings EUROMA Conference, INSEAD, Fontainebleau July.
- Buser M. (2003) L'usage des TIC dans les PME de transport. Journée ITS, Le défi des technologies de l'information et de la communication face aux mutations du monde du transport routier et de la logistique, Intelligent Transport System, IST France 16 octobre 2003, UIC, Paris.

Koch C., Buser M. (2003) Learning from a scandal? Public private partnerships as innovative construction method in Danish Municipalities. Printed proceedings of The 12th International Conference on Management of Technology (IAMOT) in Nancy, May 13 – 15 2003.

Koch C., Buser M. (2003) Innovating Public Private Partnerships: Danish Municipalities and Construction firms in Networked Public Services. Proceedings of the 19th annual ARCOM-conference Brighton September 2003. Pp 787-796.

Koch C., Buser M. Gottlieb S. (2003) Innovation and Drift -Danish Municipalities and Construction Firms in Networked Public Services. EGOS 2003 Subtheme 27 Post New Public Management Models in the Organization of Public Services.

Buser M., Glassey O. (2002) The role of narratives in time of continuous change: The cases of two Swiss insurance's companies. Paper prepared for the sub theme 9 "The Political Tasks of Managers" of the 18th EGOS Colloquium "Organisational Politics and the Politics of Organisations" July 4-6, 2002 Barcelona, Spain

Buser M., Glassey O. (2001) Use of IT innovation and innovation of uses : an exemple of IT appropriation in the insurance sector. Proceedings of the XIth Conference of the RESER : "New Information Technologies And Services Activities", October 2001, Grenoble.

Buser M., Glassey O. (2001) Learning through changes: a multi-level analyses of adaptation to change in the insurance sector. Paper presented at the 17th Colloquium of the European Group on Organisational Studies, (EGOS) in Lyon, France.

Glassey O., Buser M. (2001) Beyond the user participation: the construction of usability, Proceedings of the joint meeting of the 5th World Multiconference on Systemics, Cybernetics and Informatics (SCI 2001) and the 7th International Conference on Information Systems Analysis and Synthesis (ISAS 2001), hold in Orlando, USA, in July 22-25, 2001. Elected Best Paper of the session.

Buser M. Koch C. (2001) "Managing Work in "Moderate"Virtual Organisation", Proceedings of joint meeting of the 5th World Multiconference on Systemics, Cybernetics and Informatics (SCI 2001) and the 7th International Conference on Information Systems Analysis and Synthesis (ISAS 2001), hold in Orlando, USA, in July 22-25, 2001.

Buser M. Koch C. (2001) Getting Hold of the Disappearing Worker? Managerial Issues of Distance Work, 10th International Conference on Mangement of Technology (IAMOT) 2001, Lausanne, Switzerland.

Refereed research reports

Buser M., Schultz Larsen C., Koch C. (2006) Nye informations- og kommunikationssystemer på byggepladsen Rapport 2: Internationale Erfaringer. 2006, Report R-13, BYG-DTU, ISBN 87-7877-204-4.

Buser M, Cotti L., Rossel P., Finger M. (2003) Government and Democracy in The Information Age COST 14, ILEMT MIR, EPFL. http://mir.epfl.ch/egov/docspdf/government_democracy.pdf

Buser M., Poschet L., Rossel P. (2002) Usages des TIC dans les PME de transport : éléments clés pour la planification Rapport PREDIT, Ministère de l'Équipement et des Transports, Paris, 35p.

Buser M., Glassey O. (2002) Nonlifeinsur Precept Work Package 3: Case Studies of Social Shaping of BPR, Precept working paper No. 19. Website of Precept projec : <http://its.dtu.dk/faggr/tesoc/precept/default.htm>

Buser M., Glassey O. (2002) Lifeinsur Precept Work Package 3: Case Studies of Social Shaping of BPR. Precept working paper No. 20. Website of Precept project : <http://its.dtu.dk/faggr/tesoc/precept/default.htm>

Rossel P. Buser M., Glassey O. (2002) PRECEPT : Swiss Uptake, rapport intermédiaire du programme TSER, ESST. Website of Precept project : <http://its.dtu.dk/faggr/tesoc/precept/default.htm>

Buser M., Poschet L., Pulver B (2000) Télématiques et nouvelles formes de travail, rapport Technology Assessment TA35a/2000. Conseil suisse de la science, Swiss Science Council, Berne 101p.

Buser M. Rossel P. Bosset F. (2000) Nouvelles formes de communication et de coopération des entreprises : conséquences pour les transports. New forms of Communication and Cooperation of Enterprises : Consequences for Transportation. Rapport Programme National de Recherche 41, A8, BBL/EDMZ, Berne 85 p.