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Short bio

Sørensen graduated from the Norwegian Institute of Technology in 1976 (M. Sc. in Applied Physics) and received his PhD (Organization Studies) from the Institute in 1982. He has been a research scientist in SINTEF (Norwegian Institute for Hospital Research 1976-1980, Institute for Social Research in Industry 1986-1988) and a post doctoral fellow at Department of sociology and political science, NTNU (1983-1986). From 1989, Sørensen was director of NTNU's Centre for technology and society, which he founded together with Håkon With Andersen. In 1993, he became Professor at Department of sociology and political science, NTNU. From 1999, he has been Professor of Science and Technology Studies at Department of Interdisciplinary Studies of Culture. Sørensen was Visiting scholar at MIT in 1983, Visiting Professor at University of California, San Diego in 1996, Visiting Scholar at Stanford University throughout 2009, and Visiting researcher at UCLA throughout 2017.

Current research interests include social studies of ICT and the Internet, of innovation and technology policy, of gender, science and technology, of interdisciplinarity, of responsible research and innovation, and of sustainability transitions, including energy. Sørensen has active interdisciplinary research collaboration with faculty and research scientists in engineering and architecture across NTNU and SINTEF.

I. Teaching and supervision

- Extensive teaching experience at all levels, including post-graduate courses.
- Supervised 24 master students in sociology, 1985-2001, 7 master students in Interdisciplinary studies of culture, 2005- .
- Supervised or co-supervised 52 PhDs who have concluded their doctorate and presently involved in supervision of 4 active candidates.

II. Research Grants

Research Council of Norway

Over his career, Sørensen has been recipient or co-recipient of a total of 37 grants from Research Council of Norway (RCN) and PI of nearly all. The most recent:

- Coping with the threat of climate change: Technological strategies and cultural responses, 2002-07 (~ \$ 400 000)
- Learning from transdisciplinarity. Gender and ICT as windows to understanding management of knowledge, 2004-07 (~ \$ 300 000)

- Transdisciplinarity, trust and trivialisation? Trends in modern knowledge cultures, 2004-07 (~ \$ 200 000)
- Not in my nature? The controversies and politics of environmentalism and public planning in localising wind farms, 2004-07 (~ \$ 150 000)
- Pandora's I-Pod: Music and morality in the Information Society, 2004-07 (~ \$ 250 000)
- Providing hydrogen for transport in Norway: A social learning approach, 2005-08 (~ \$ 250 000)
- Preparing for a rainy day? Configuring climate science for future society, 2007-2012 (~ \$ 250 000)
- Communicating local governments: Implementing community informatics. 2008-2013 (~ \$ 250 000)
- Building markets, shaping policy. The role of economics in energy policy 2008-2014 (~ \$ 700 000)
- Renewable strategies? Implementing and commercialising new energy technologies, 2008-2014 (~ \$ 500 000)
- Public Acceptance of Post Carbon Strategies, 2009-2015 (~ \$ 1 100 000)
- (co-PI with Heidrun Åm) Performing ELSA. Governance of and governmentality in biotechnology and nanotechnology research (2014-2017) (~ \$ 700 000)
- Co-PI with Vivian A. Lagesen) Equality from below – towards a gender balanced NTNU 2025 (Norwegian title: Likestilling nedenfra - mot et kjønnsbalansert NTNU 2025) (~ \$ 1 200 000)

Participation in European Union Framework Programmes Projects and other European programmes as national PI

- European Media and Everyday Life Technologies Network I (EMTEL I), 1995-1997 (coordinator: Sussex University)
- Social Learning in Multimedia (SLIM), 1996-1999 (coordinator: Edinburgh University)
- Towards an Interactive Technology Policy, 1998-2000 (coordinator: Twente University)
- Process Re-Engineering in Europe: Choice, People and Technology (PRECEPT), 1999-2002 (coordinator: Technological University of Denmark)
- European Media and Everyday Life Technologies Network II (EMTEL II), 2000-2003 (coordinator: London School of Economics)
- Strategies of Inclusion: Gender in Information Society (SIGIS), 2000-2004 (coordinator: Edinburgh University)
- Policies for Research and Innovation in the Move towards the European Research Area, (PRIME), Network of Excellence, 2004-2009 (coordinator: Ecoles des Mines de Paris)
- useITsmartly, funded by Intelligent Energy Europe, 2013-2015 (coordinator: Bergische Universität Wuppertal)
- Fostering improved training tools for responsible research & innovation, 2017-2020 (coordinator: La Sapienza University, Rome).

III. Professional positions (selected)

A. Research Council of Norway – Programme Committees etc.

- Chair, Programme committee, "Information Technology and Society", 1993-1994.
- Member, Evaluation board of social science research institutes, 1997
- Chair, Committee for non-directed interdisciplinary research grants social sciences and humanities, 1998-2000
- Chair, Programme committee, "Rammebetingelser og styringsmuligheter for en bærekraftig utvikling" (RAMBU), Research Council of Norway, 2001-2007
- Member of advisory board of the research programme Miljø 2015, 2007-2010
- Member of Joint Committee, South Africa – Norway Programme for Research Co-operation, 2007-2010
- Member of programme board, "Stort program for klimaforskning (KLIMAFORSK)", 2013-2017

B. University-related

- Founding director, Centre for technology and society, NTNU, 1988-1995
- Head, Department of Interdisciplinary Studies of Culture, 1.1 1999 - 31.8 2002
- Member of management team, NTNU's Strategic Programme for Energy and Petroleum - Resources and Environment, 1999-2008
- Member of Board, Faculty of the Humanities, NTNU, 2002-2005.
- Director, PhD-programme in Interdisciplinary Studies of Culture, 2004-2019

C. Other

- Voted member, Royal Norwegian Society of Sciences and Letters, 1992-
- Member of Council, Society for Social Studies of Science (4S), 1993-1995
- Member of Committee for Gender Balance and Diversity in Research, 2007-2009

IV. Peer review

- Member of evaluation committees for doctoral theses at University of Oslo, University of Bergen, NTNU, Technical University of Denmark, Aarhus Business School, University of Stockholm, University of Gothenburg, University of Linköping, Edinburgh University, Aalborg University, IT University of Copenhagen
- Reviews of applicants for academic positions or promotion at Chalmers Institute of Technology, Technical University of Denmark, Edinburgh University, University of Linköping, Massachusetts Institute of Technology, NTNU, Stanford University, University of Oslo, University of Tromsø, University of Bergen, University of Uppsala, University of Gothenburg, and University of Amsterdam.
- Reviews of papers made for a number of scientific journals, including Sociological review, Acta sociologica, Social studies of science, Science, Technology and Human Values, Social Science Information, Journal of Peace Research, Information Society, International Journal of Environmental Technology and Management, NORA Nordic Journal of Womens' Studies, Sosiologisk Årbok, Norsk Statsvitenskapelig Tidsskrift, Norsk Medietidsskrift, Tidsskrift for samfunnsforskning, Sosiologisk tidsskrift, Tidsskrift for kjønnsforskning, New Media & Society.
- Reviews of book manuscripts for Universitetsforlaget, Pax forlag, Cornell University Press, The MIT Press.
- Reviews of research applications for Research Council of Norway, several Swedish research councils (FORMAS, Vetenskapsrådet, Mistra, Arbeidsmiljøfonden), Joint Committee for Nordic Research Councils for the Humanities and the Social Sciences, European Science Foundation, National Science Foundation, Engineering and Physical Sciences Research (UK), and French National Research Agency.

IV. Publications (selected)

- The total *number* of publications during the career.
 - Number of books and edited collections: 16
 - Number of papers in refereed journals: 40
 - Number of book chapters in academic edited collections: 39

A. Books and edited collections

1. K. H. Sørensen and S. Traweek. 2022. *Questing for excellence in Academia. A tale of two universities*. Routledge
2. K. H. Sørensen, E. Rommes and W. Faulkner. 2011. *Technologies of Inclusion. Gender in the Information Society*. Tapir Akademiske Forlag
3. K. H. Sørensen, E. Amdahl, H. J. Gansmo and V. A. Lagesen. Eds. 2008. *Vitenskap som dialog, kunnskap i bevegelse*. Tapir Akademiske Forlag

4. K. H. Sørensen, E. Amdahl, H. J. Gansmo and V. A. Lagesen. Eds. 2008. *Faglighet og tverrfaglighet i den nye kunnskapsøkonomien*. Tapir Akademiske Forlag
5. M. Aune & K. H. Sørensen. Eds. 2007. *Mellom klima og komfort. Utfordringer for en bærekraftig teknologiutvikling*. Trondheim: Tapir Akademisk forlag
6. K. H. Sørensen & R. Williams. Eds. 2002. *Guiding Policy, Shaping Technology: Concepts, Spaces and Tools*. London: Edward Elgar
7. Knut H. Sørensen, Ed. 1999. *Similar concerns, different styles? Technology studies in Europe*, vol. 2, COST social science, Brüssel: DG XII, 1999
8. Knut H. Sørensen, Ed. 1998. *The spectre of participation. Technology and work in a welfare state*, Oslo: Scandinavian University Press
9. Merete Lie og Knut H. Sørensen. Eds. 1996. *Making technology our own? Domesticating technology into everyday life*, Oslo: Scandinavian University Press
10. Thomas Dahl og Knut H. Sørensen. Eds. 1996. *Perspektiver på tvers. Disiplin og tverrfaglighet på det moderne forskningsuniversitetet*, Trondheim: Tapir, 1996
11. Tarja Cronberg og Knut H. Sørensen. Eds. 1995. *Similar concerns, different styles? Technology studies in Western Europe*, COST social science, Brüssel: DG XII
12. Knut H. Sørensen. Ed. 1994. *The car and its environments. The past, present and future of the motorcar in Europe*, COST Social sciences vol 2, Brussel: Directorate general science, research and development
13. Knut H. Sørensen. 1993. *Miljø og etikk. Utfordringer for bedriftsledere*, Oslo: Næringslivets forlag
14. Håkon With Andersen og Knut H. Sørensen. 1992. *Frankensteins dilemma. En bok om teknologi, miljø og verdier*, Ad Notam Gyldendal
15. Per Morten Schiefloe og Knut H. Sørensen. Eds. 1986. *Informasjonsteknologi, EDB og samfunn: Revolusjonen som forsvant?*, Universitetsforlaget
16. Knut H. Sørensen: *Den vanskelige arbeidstida? Om levekårsvirkninger av turnusarbeid i helseinstitusjoner*, dr-avhandling, også utgitt som rapport 3/82, Norsk Institutt for Sykehusforskning, Trondheim 1982 (377 s., 2 vedl.)

B. Articles in refereed journals

1. Sørensen, Knut Holtan. (2021) STS as a Lens to Study Disciplines and Interdisciplinarity. A Comment on Sharon Traweek's 'I Prefer the Map'. *Engaging Science, Technology, and Society*. vol. 7 (2): 88-96.
2. Suboticki, I.; Sørensen, K.H. (2021) Designing and domesticating an interstructure: Exploring the practices and the politics of an elevator for cyclists. *Urban Studies*, 58(6): 1229-1224.
3. Åm, H.; Solbu, G.; Sørensen, K.H. (2021) The imagined scientist of science governance. *Social Studies of Science*, 51(2): 277-297
4. Suboticki, I.; Sørensen, K. H. (2021) Liminal technologies: Exploring the temporalities and struggles in efforts to develop a Belgrade metro. *Sociological Review* 69(1): 156-173
5. Hesjedal, M. B.; Åm, H.; Sørensen, K. H.; Strand, R. (2020) Transforming Scientists' Understanding of Science–Society Relations. Stimulating Double-Loop Learning when Teaching RRI. *Science and Engineering Ethics* 26: 1633-1653
6. Unander, T., Sørensen, K.H. (2020) Rhizomic learning: How environmental non-governmental organizations (ENGOS) acquire and assemble knowledge. *Social Studies of Science* (in press).
7. Sørensen, S.Ø., Lagesen, V.A., Sørensen, K.H., Kristensen, G. K. Kjønnsbalanse gjennom aksjonsforskning og lokal kunnskap. *Tidsskrift for kjønnsforskning*, 43(02): 108-127.
8. Ask, K; Sørensen, KH 2019. Domesticating technology for shared success: collective enactments of World of Warcraft. *Information, Communication & Society*, 22(1): 73-88
9. Sørensen, KH; Lagesen, VA; Hojem, TSM 2018. Articulations of mundane transition work among consulting engineers. *Environmental Innovation and Societal Transitions*, 28: 70-78
10. M. Aune, Å. L. Godbolt & K. H. Sørensen. 2016. Mismatch or misunderstanding? Economists and consumers framing electricity consumption in a deregulated market. *Acta Sociologica*, 59(4) 347–361.

11. M. Aune, Å. L. Godbolt, K. H. Sørensen, M. Ryghaug, H. Karlstrøm & R. Næss. 2016. Concerned consumption. Global warming changing household domestication of energy. *Energy Policy*, 98, 290-297.
12. Liste Muñoz, L. & Sørensen, K. H. 2015. Consumer, client or citizen? How Norwegian local governments domesticate website technology and configure their users. *Information, Communication and Society*, 18 (7): 733-746
13. Sørensen, K. H. 2015. From 'alternative' to 'advanced': Mainstreaming of sustainable technologies. *Science & Technology Studies*, 28 (1): 10-27
14. Sørensen, K. H. 2015. Kostnadseffektivitetens klamme ånd: Konsekvenser av den samfunnsøkonomiske formateringen av klimapolitikken. *Vardøger*, 35: 149-167
15. T. S. M. Hojem, K. H. Sørensen, & V. A. Lagesen. 2014. Designing a "green" building: expanding ambitions through social learning. *Building Research & Information*, 42 (5): 591-601
16. K. H. Sørensen. 2013. Beyond innovation. Towards an extended framework for analysing technology policy. *Nordic Journal of Science and Technology Studies*, 1 (1): 12-23
17. K. H. Sørensen. 2012. Disciplined Interdisciplinarity? A Brief Account of STS in Norway. *Tecnoscienza, Italian Journal of Science & Technology Studies*, 3 (1): 49-61.
18. M. Ryghaug, K.H. Sørensen & R. Næss. 2011. Making sense of global warming: Norwegians appropriating knowledge of anthropogenic climate change. *Public Understanding of Science*, 20 (6): 778-795.
19. R. Næss, J. Solli and Knut H. Sørensen. 2011. Brukbar klimakunnskap? Kommunalt ansattes forhold til forskning og annen kunnskap om klimaendringer og klimatilpasning. *Tidsskrift for samfunnsforskning*, 52 (3): 329-354.
20. V.A. Lagesen & K.H. Sørensen. 2009. Walking the Line. The Enactment of the Social/Technical Binary in Software Engineering. *Engineering Studies*, 1(2), 129-149.
21. M. Ryghaug & K.H. Sørensen. 2009. How Energy Efficiency Fails in the Building Industry. *Energy Policy*, 37: 984-991
22. Kongsli, G., M. Ryghaug and K.H. Sørensen. 2008. Miljøarkitekten: Dirigent eller deltaker? *Nordisk Arkitekturforskning*, 20 (3), 7-20
23. K. H. Sørensen. 2004. Cultural politics of technology: Combining critical and constructive interventions. *Science, Technology & Human Values*. 29 (2): 184-190
24. K. H. Sørensen. 2004. Tingenes samfunn? Kunnskap og materialitet som sosiologiske korrektiver. *Sosiologi i dag*. 34 (2): 5-25.
25. H. J. Gansmo, V. A. Lagesen & K. H. Sørensen. 2003. Out of the boy's room? A critical analysis of the understanding of gender and ICT in Norway. *NORA Nordic Journal of Women's Studies*. 11 (3): 130-139
26. J. Brosveet & K. H. Sørensen. 2000. Fishing for fun and profit? Norway domesticates multimedia. *Information society*. 16 (4): 263-276
27. H. S. Spilker & K. H. Sørensen. 2000. A ROM of one's own or a room for sharing? *New Media and Society*. 2 (3): 268-285
28. Knut H. Sørensen: "Naturvitenskapelig politikk? En kunnskapspolitisk kritikk av norsk miljøbevegelse", *Vardøger*, nr. 21, 1992, s. 112-132.
29. Knut H. Sørensen: "Towards a feminized technology? Gendered values in the construction of technology", *Social Studies of Science*, 22 (1), 1992, s. 5-31
30. Knut H. Sørensen: "Bilen og det moderne Norge. En sosioteknisk transformasjon", *Tidsskrift for samfunnsforskning*, 33 (1), 1992
31. Knut H. Sørensen: "Fokusskifte i profesjonsstudier - fra yrkesorganisering til kunnskapsorganisasjon", *Sosiologisk Årbok 1991*, vol. 7, s. 35-54
32. Knut H. Sørensen og Nora Levold: "Tacit Networks, Heterogeneous Engineers, and Embodied Technology", *Science, Technology & Human Values*, 17 (1), 1992, s. 13-35
33. Knut H. Sørensen og Anne-Jorunn Berg: "Genderization of technology among Norwegian engineering students", *Acta sociologica*, nr. 2, 1987, s. 151-171.
34. Knut H. Sørensen: "Deltidsarbeidets utvikling i Norge: Kvinners valg eller samfunnsbehov", *Sosiologi idag*, nr. 3, 1986, s. 81-107.

35. Knut H. Sørensen: "Technology and industrial democracy. An inquiry into some theoretical issues and their social basis", *Organization studies*, 6(2), 1985, s. 139-160
36. Knut H. Sørensen: "I lyset fra leselampen. Tekster som grunnlag for studiet av sosiale prosesser", *Tidsskrift for samfunnsforskning*, 25 (3), 1984, s. 269-292.
37. Knut H. Sørensen og Ann R. Sætnan: "Arbeidsmiljøreformen - sentrale vedtak, lokale vilkår", *Tidsskrift for samfunnsforskning*, 23(5-6), 1982, s. 457-475
38. Knut H. Sørensen: "Notes on the meaning of gender in hospital organizations", i Svensson et al, red, National Health Care Systems in Non-Growth Economies, *Scandinavian journal of social medicine*, suppl 28, 1981, s. 275-298
39. Knut H. Sørensen: "The learning needs of female health workers and their consequences for the planning of inservice education", *Social Science & Medicine*, 13 a, 797-805, 1979

C. Book chapters and other articles

1. K.H. Sørensen and V. A. Lagesen. 2022. Smart technologies and gender. A never-ending story. In H. D. Kurz, M. Schütz, R. Strohmaier and S. S. Zilian (eds.) *The Routledge Handbook of Smart Technologies. An Economic and Social Perspective*, Routledge
2. K. H. Sørensen. 2016. Innovasjonspolitikk og nyskappingspraksiser. In I. Frønes & L. Kjølørød (eds). Det norske samfunn. Oslo: Gyldendal Akademisk (6th ed), vol 2, pp. 112-138.
3. H. Åm and K.H. Sørensen. 2015. Preparing for new solar cells through integrated research: Challenges in translating social robustness into the selection of materials. In Bowman, D. M., Dijkstra, A., Fautz, C., Guivant, J., Konrad, K., van Lente, H., & Woll, S. (eds.) *Practices of Innovation and Responsibility: Insights from methods, governance and action*. Amsterdam: IOS Press, pp. 181-196.
4. K. H. Sørensen & K. Melby. 2011. Fra kunnskap til dyd? Om tverrfaglighet som kompetanseutfordring. In B. Hagtvat & G. Ognjenovic, eds. *Dannelse. Tenkning – modning – refleksjon*, Oslo: Dreyer Forlag, pp. 331-345.
5. K.H. Sørensen. 2009. The Role of Social Science in Engineering. In *Handbook of the Philosophy of Science. Volume 9: Philosophy of Technology and Engineering Sciences*. Ed. Anthonie Meijers, Amsterdam: Elsevier, pp. 89-111.
6. K. H. Sørensen. 2006. Domestication: The enactment of technology. In T. Berker et al. Eds. *Domestication revisited*. Maidenhead, Birkshire: Open University Press, pp. 40-61.
7. R. Silverstone & K. H. Sørensen. 2005. Towards 'the communication society'. In R. Silverstone. Ed. *Media, technology and everyday life in Europe*. Aldershot: Ashgate, pp. 213-222.
8. K. H. Sørensen. 2002. Providing, pushing and policing. Towards a new architecture of technology policy. In A Jamison & H Rohrercher. Eds. *Technology studies and sustainable development*. München: Profil, pp. 65-94.
9. K. H. Sørensen. 2002. Social shaping on the move? On the policy relevance of the social shaping perspective. In K. H. Sørensen & R. Williams. Eds. *Guiding Policy, Shaping Technology: Concepts, Spaces and Tools*. London: Edgar Elgar, pp. 19-36.
10. H. S. Spilker & K. H. Sørensen. 2002. Feminism for profit? Public and private gender politics in multimedia. In K. H. Sørensen & R. Williams. Eds. *Guiding Policy, Shaping Technology: Concepts, Spaces and Tools*. London: Edgar Elgar, pp. 249-270.
11. M. Aune & K. H. Sørensen. 2001. Teaching transformed. The appropriation of multimedia in education: The case of Norway. In M. v. Lieshout, T. M. Egyedi & W. E. Bijker. Eds. *Social learning technologies. The introduction of multimedia in education*. Aldershot: Ashgate, pp. 159-189.
12. K. H. Sørensen, M. Aune & M. Hatling. 2000. Against linearity. On the cultural appropriation of science and technology. In M. Dierkes & C. v. Grote. Eds. *Between understanding and trust: The public, science and technology*. Amsterdam: Harwood publishers, pp. 237-257.
13. Tove Håpnes og Knut H. Sørensen: "Competition and Collaboration in Male Shaping of Computing: a study of a Norwegian hacker culture", i Keith Grint & Rosalind Gill, eds.: *The Gender-Technology Relation: Contemporary Theory and Research*, London: Taylor & Francis, 1995, s. 174-191

14. Knut H. Sørensen: "Mot en omsorgspreget teknologi? Om likestillingspolitikkenes muligheter og begrensninger på et mannsdominert område", i Runa Haukaa, red: *Nye kvinner, nye menn*, Ad Notam, Oslo 1991, s. 207-228
15. Knut H. Sørensen: "Maskinenes siste offer? Om kvinner, arbeidsmiljø og produksjonsteknikk", i M Lie et al: *I menns bilde. Om teknologiens betydning for kvinners arbeidsliv*, Trondheim: Tapir 1988, s. 25-56.
16. Knut H. Sørensen: "Samværsfellesskap eller handlingsfellesskap?", i Harriet Holter, red, *Kvinner i fellesskap*, Universitetsforlaget, Oslo 1982, s. 135-147