

Curriculum vitae

ASBJØRN KARLSEN

EDUCATION

- 1999 PhD at Faculty of Social Science and Technology Management/Department of Geography, NTNU, Norway
- 1985 Master at Faculty of Social Science/Department of Geography, NTNU, Norway

CURRENT AND PREVIOUS POSITIONS

- 2003- Professor, Faculty of Social and Educational Sciences/Department of Geography, NTNU/Norway
- 2009-2013 Head of Department of Geography, NTNU, Norway
- 2001-2003 Senior Researcher at Nordland Research Institute, Norway
- 1999-2000 Research Manager at Nordland Research Institute
- 1987-1998 Researcher at Nordland Research Institute

MOBILITY

- Spring 2024 Visiting scholar, Centre for Social Responsibility in Mining. The University of Queensland and Centre for Urban and Regional Development Studies, Newcastle University.
- Autumn 2019 Visiting scholar, Department of Political Sciences, Universitas Gadjah Mada, Yogyakarta.
- Spring 2019 Visiting scholar, Centre for Urban and Regional Development Studies, Newcastle University
- Autumn 2013 Visiting scholar, Institut für Geographie, Hamburg Universität, Germany
- 2007-2008 Visiting scholar, Institut für Humangeographie, J.W. Goethe Universität, Frankfurt am Main, Germany

SUPERVISION OF GRADUATE STUDENTS AND RESEARCH FELLOWS

- 2006- Completed: 7 PhD + 2 co-supervised, In progress: 2 PhD.
- 2004- 60 Master Students, Faculty of Social and Educational Sciences/Department of Geography, NTNU/Norway

TEACHING ACTIVITIES

- 2004- Professor in Economic Geography, NTNU/Norway
- Extensive teaching on BA-level and on MA-level in human geography, particularly urban, rural and regional geography since 2004.
- Teaching on MA-level in knowledge management/economic globalization since 2005, Responsible for the MA programme Innovasjon og bærekraftig samfunnsutvikling including extensive teaching 2012-2023.
- PhD-course in Economic Geography – Entrepreneurship and Regional Innovation together with Professor Arne Isaksen, Agder University. 2015
- Continuing Education Course on Offshore Wind for employees in petroleum industry. 2023

Scientific Advisory Boards

- 2017-2021 Member of board Department of Geography, NTNU.
2015-2018 Member of board NTNT's strategic research area: Energy.
2009-2013 Member of the National Council of Geography.
2009-2013 Member of the PhD Committee at Dept. of Geography, NTNU.
Spring 2013 Member of the board for National Research School in Geography.

Advisory Board

- 2005-2014 Deputy board member of Centre for Rural Research (now Ruralis).

Reviewer of manuscripts for international journals

- 2005- Economic Geography, European Urban and Regional Studies, Regional Studies, Urban Studies, Journal of Economic Geography, Entrepreneurship and Regional Development, Energy Research & Social Science, European Planning Studies, Environment and Planning A, Growth and Change, Energy Research and Social Science, Economics of Innovation and New Technology, Norwegian Journal of Geography, Magma, Arctic Review,

Editorial Board

- 2013- Member of Nordic Editorial Committee, Norwegian Journal of Geography.

Evaluation committees

- 2005- *8 PhD-degree:* Dept. of Geography, NTNU (3); Dept. of interdisciplinary studies of culture, NTNU; Dept. of social and economic geography, Uppsala University; Dept. of Archaeology, History, Cultural Studies and Religion, University of Bergen; Dept. of Geography, Johann Wolfgang Goethe University, Frankfurt am Main, Department of Geography, University of Bergen.
3 associate professor positions: Dept. of Business Administration, University of Gothenburg; Dept. of Sociology and Human geography, University of Oslo; Dept. of Political Science and Management, University of Agder.

Promotion committees

- 2007- *3 full professors:* Department of Geography, University of Bergen; Department of Sociology and Human geography, University of Oslo; Dept. of marketing and logistics, Jönköping International Business School / Jönköping University.
3 associate professor level: Norwegian Institute for Urban and Regional Research; Nordland Research Institute; NIFU STEP.

Memberships of Scientific Societies

- 2011- Academic member of the Royal Norwegian Society of Sciences and Letters.
2013-2015 Member of board National Geography Network in Regional Development and Economic Geography.

Major research projects

- 2024-2028 Project manager: Making the Green Shift Work for Regions, Research Council of Norway
2021-2029 FME NorthWind. Centres for Environment-friendly Energy Research, Research Council of Norway
2015-2023 Participating in *Center for Research-based Innovation (SFI) Manufacturing*, Research Council of Norway.

2016-2020 Project manager: *Internationalization of Norwegian Offshore Wind Capabilities (InNOWiC)*. Research Council of Norway.

2004-2008 Co-manager *Comparative Aluminium Research Program, NTNU*

2002-2004 Manager: *Learning in interaction between institutions and industry (LIMING)*, Strategic Institute Program, Nordland Research Institute, Research Council of Norway

Peer reviewed articles in International Journals

Karlsen, A., Knudsen, J.P., Dodge, A., Rypestøl, J.O. (2024) Sustainable transitions in Northern regional contexts. *Norwegian Journal of Geography* 78(3) 119-121.

Vela-Almeida, D, **Karlsen, A.** (2023) Reinforcing path marginalization: revealing the unaccounted labour organization at a mining frontier in Indonesia. *Cambridge Journal of Regions, Economy and Society*. <https://doi.org/10.1093/cjres/rsad018>

Steen, M., Lund, H.B. & **Karlsen, A.** (2023) The role of state agency in path development: A longitudinal study of two Norwegian manufacturing regions. *Regional Studies*. <https://doi.org/10.1080/00343404.2023.2195880>

MacKinnon, D., Afewerki, S. & **Karlsen, A.** (2022) Technology legitimation and strategic coupling: A cross-national study of floating wind power in Norway and Scotland. *Geoforum* 135, 1-11. <https://doi.org/10.1016/j.geoforum.2022.07.008>

Karlsen, A., Lund, H.B. & Steen, M. (2022). The roles of intermediaries in upgrading of manufacturing clusters: enhancing cluster absorptive capacity. *Competition and Change*. <https://doi.org/10.1177/10245294211059138>

Mulubiran,TF, & **Karlsen, A.** (2021). The role of local actors in transforming economic upgrading into social upgrading in Ethiopian textile and garment firms. *International Labour Review*, 142(1) 44-67 <https://doi.org/10.1111/ilr.12335>

Afewerki, S, & **Karlsen, A.** (2021). Policy mixes for just sustainable development in regions specialized in carbon-intensive industries: the case of two Norwegian petro-maritime regions. *European Planning Studies* <https://doi.org/10.1080/09654313.2021.1941786>

MacKinnon, D., **Karlsen, A.**, Dawley, S., Steen, M., Afewerki, S. & Kenzhegaliev, A. 2021. Legitimation, institutions and regional path creation: a cross-national study of offshore wind. *Regional Studies* <https://doi.org/10.1080/00343404.2020.1861239>

Lund, H. & **Karlsen, A.** (2019). The importance of vocational education institutions in manufacturing regions: adding content to a broad definition of regional innovation systems. *Industry and Innovation* 27(6) 660-679.

Karlsen, A. (2019). Historical examples of entrepreneurial discovery – Revisiting the manufacturing history of Raufoss evolving between exploration and exploitation. In: Mariussen, A., Virkkala, S., Finne, H. & Aasen, T. M. B. (eds.). 2018. *The Entrepreneurial Discovery Processes and Regional Development: New Knowledge Emergence, Conversion and Exploitation*, Regional Studies Association, London, Routledge, 288-304.

Afewerki, S., **Karlsen, A.** & MacKinnon, D. (2019). Configuring Floating Production Networks: A case study of a new offshore wind technology across two oil & gas economies. Special Issue 'Green restructuring, innovation and transitions in the Norwegian economy' edited by R. Njøs, & M. Steen, *Norwegian Journal of Geography* 73: 4-15.

MacKinnon, D., Dawley, S., Steen, M., Menzel, M-P., **Karlsen, A.**, Hansen, G-H. & Normann, H-E. (2019). Path creation, global production networks and regional development: A comparative international analysis of the offshore wind sector. *Progress in Planning* 132: 1-32

Karlsen, A. (2018). Framing industrialization of the offshore wind value chain – a discourse approach to an event. *Geoforum* 88: 148-156.

Karlsen, A. & Dale, B. (2014). From regional restructuring to regional renewal: Cases from Norway. *Norwegian Journal of Geography* 68(2): 71-79.

Steen, M. & **Karlsen, A.** (2014). Path creation and renewal in a single industry town: the case of Verdal and the Windcluster Mid-Norway. *Norwegian Journal of Geography* 68(2): 133-143.

Karlsen, A. & Nordhus, M. (2011). Between close and distanced links: Firm internationalization in a subsea cluster in Western Norway. *Norwegian Journal of Geography* 65(4):202-211.

Sæther, B., Isaksen, A. & **Karlsen, A.** (2011). Innovation by co-evolution in natural resource industries – The Norwegian experience. *Geoforum* 42(3): 373-281.

Karlsen, A. (2011). "Cluster" creation by reconfiguring communities of practice. *European Planning Studies* 19(5): 753-773.

Karlsen, A. (2009) Når yrkesferdigheter genererer næringsspesialisering: åtte lokale konsentrasjoner av mekanisk industri. *Tidsskrift for samfunnsforskning* 50(2): 183-214.

Karlsen, A. (2005). The dynamics of regional specialization and cluster formation - Dividing trajectories of maritime industries in two Norwegian regions. *Entrepreneurship and Regional Development* 17(5): 313-338.

Andersen, O.J. & **Karlsen, A.** (2005). "Skomaker bli ved din lest?" Kunnskapsutvikling i spenningsfeltet mellom perfektjonering og diversifisering. *Nordic Organization Studies* 7(3-5): 3-25.

Karlsen, A. (2002). Betingelser for innovasjon på steder med ulik grad av industriell konsentrasjon og tilgang på FoU-ressurser. *Nordisk Samhällsgeografisk Tidsskrift* 35: 25-50.

Karlsen, A. (2000). The Obligation to Heal when the Market Hurts – National regulation of the electricity sector and local industrial impacts. *Norwegian Journal of Geography* 54(1): 12-21.

Chapters in Books

Dawley, S., **Karlsen, A.** & Mackinnon, D. (2025). Agency, skills and workforce adaptation: examining the challenge of green industrial restructuring for regional labour markets. In: Karlsen, J, Rypestøl, J.O. and Michaela Trippel, M., (eds). *Sustainable Regional Restructuring: Insights from Economic Geography and Regional Innovation Studies*. Edward Elgar, In Press.

- Karlsen, A.** & Steen, M., (2018). Havvind: Strandet energikilde innenlands, men muligheter for teknologiekspert basert på petro-maritime ressurser? In: H. Haarstad & G. Rusten (eds) *Grønn omstilling: Norske veivalg*. Universitetsforlaget, Oslo, s. 129-147.
- Karlsen, A.** (2013). Production of metals based on domestic water power and knowledge. In G. Rusten, K. Potthoff & L. Sangolt (eds.) *Norway nature, industry and society*. Fagbokforlaget, Bergen, 157-172.
- Karlsen, A.** (2009). Norsk videreføring av aluminium i lys av lokaliseringsteori for industri. In N.G. Berg, S.H. Jørgensen, A. Karlsen & A. Aase (eds.). *Mennesker og steder i samspill*. Tapir Akademisk Forlag, Trondheim, s. 97-118.
- Sæther, B., Isaksen, A. & **Karlsen, A.** (2008). Regional innovasjon – en introduksjon. In A. Isaksen, A. Karlsen, & B. Sæther (eds.) *Innovasjoner i norske næringer: et geografisk perspektiv*. Fagbokforlaget, Bergen, s. 13-16.
- Karlsen, A.** & Isaksen, A. (2008). Den historiske dimensjonen ved kunnskaps- og teknologiutvikling. In A. Isaksen, A. Karlsen, & B. Sæther (eds.) *Innovasjoner i norske næringer: et geografisk perspektiv*. Fagbokforlaget, Bergen, s.41-58.
- Karlsen, A.** (2008). Generasjoner av metaller produsert på norske industristeder. In A. Isaksen, A. Karlsen, & B. Sæther (eds.) *Innovasjoner i norske næringer: et geografisk perspektiv*. Fagbokforlaget, Bergen, s. 121-148.
- Isaksen, A., **Karlsen, A.** & Sæther, B. (2008). Oppsummering: Innovasjoner i norsk kontekst. In A. Isaksen, A. Karlsen, & B. Sæther (eds.) *Innovasjoner i norske næringer: et geografisk perspektiv*. Fagbokforlaget, Bergen, 313-334.
- Frøland, H.O. & **Karlsen, A.** (2008). Globalisert i et århundre: langsiktige trekk ved norsk aluminiumindustri. In J. Henden, H.O. Frøland & A. Karlsen (eds.) *Globalisering gjennom et århundre: Norsk Aluminiumindustri 1908 - 2008*. Fagbokforlaget, Bergen, s. 7-32.
- Karlsen, A.** (2008). Tung forskning på lett metall – Dannelsen av en norsk kunnskapsbase. In J. Henden, H.O. Frøland, & A. Karlsen (eds.) *Globalisering gjennom et århundre: Norsk Aluminiumindustri 1908 - 2008*. Fagbokforlaget, Bergen, s. 297-334.
- Stensheim, I. & **Karlsen, A.** (2008). Norsk forskning og utvikling i tjeneste for foredlingen i utlandet - Framveksten av en konsernintern kompetansebase. In J. Henden, H.O. Frøland & A. Karlsen (eds.) – *Globalisering gjennom et århundre: Norsk Aluminiumindustri 1908 - 2008*. Fagbokforlaget, s. 337-365.
- Andersen, O.J. & **Karlsen, A.** (2007). Innovasjon gjennom mobilisering av den historiske arven. In T. Hernes & A.L. Koefoed (eds.) *Innovasjonsprosesser: Om innovasjoners odysse*. Fagbokforlaget, Bergen, s. 73-89.
- Karlsen, A.** & Lindeløv, B. (2005). The process of innovation in contrasting industrial environments. In P. Oinas & A. Lagendijk (eds.) *Proximity, Distance and Diversity: Issues on Economic Interaction and Local Development*. Ashgate, Aldershot, pp. 219-237.
- Karlsen, A.** & Lindeløv B. (2003). Når kommunen blir for liten – regional organisering av næringsomstilling. In N. Finstad & N. Aarsæther (eds.) *Utviklingskommunen*. Kommuneforlaget, Oslo, s. 160-185.
- Karlsen, A.** (1997). Reflecting Flexibility - From the Security of Regular Employment to Coping with Casual Work. In Å. Mariussen & J. Wheelock (eds.) *Household, Work and Economic Change – a*

Comparative Institutional Perspective. Recent Economic Thought Series, vol 57. Springer, Boston, pp 121-136.

Reports, Books and Monographs

Karlsen, A. (2022) *Politikk for grønn bærekraftig omstilling i olje- og gassavhengige kommuner og regioner*. FME NTRANS. Rapport 01/2022. <https://www.ntnu.no/ntrans/rapporter>

Berg, N.G., Jørgensen, S.H., **Karlsen, A.** & Aase, A. (2009). *Mennesker og steder i samspill*. Tapir Akademisk Forlag, Trondheim.

Isaksen, A., **Karlsen, A.** & Sæther, B. (2008). *Innovasjoner i norske næringer: et geografisk perspektiv*. Fagbokforlaget, Bergen.

Henden, J., Frøland, H.O. & **Karlsen, A.** (2008). *Norsk Aluminiumindustri – Globalisering gjennom et århundre: Norsk Aluminiumindustri 1908 – 2008*. Fagbokforlaget, Bergen.

Karlsen, A. (1999). *Institusjonelle perspektiver på næringsomstilling*. Doctoral Thesis in Geography, Faculty of Social Sciences and Technology Management, Norwegian University of Science and Technology, Trondheim.

Mariussen, Å., **Karlsen, A.** & Andersen, O.J. (1996). *Omstilling – fra løsrivning til ny forankring*. Universitetsforlaget, Oslo.