

Publications

The Leftovers: A rural weaving of field care practices, taste and value within a local food-producing network
Fjalland, E. L. P. & Christensen, T. B., 2025, In: *Journal of Cultural Economy*. 18, 1, p. 109-128 20 p.

Business models for the reuse of construction and demolition waste

Buchard, M. V. & Christensen, T. B., May 2024, In: *Waste Management & Research: The Journal for a Sustainable Circular Economy*. 42, 5, p. 359-371 13 p.

Local recycling and reuse of concrete and soil: The societal impact of double-loop learning from circular urban transformation projects

Glarborg, C. N., Buchard, M. V. & Christensen, T. B., 2024, In: *Societal Impacts*. 3, 100034.

Implications of circular textile policies for the future regulation of hazardous substances in textiles in the European Union

Bour, A., Christensen, T. B., Hunka, A. D., Palmqvist, A., Skjold, E. & Syberg, K., 20 Oct 2023, In: *Science of the Total Environment*. 896, 165153.

A not so circular healthcare economy: A review of challenges with plastic associated chemicals

Ramos, T. M., Christensen, T. B., Bour, A., Almroth, B. C., Kristensen, D. M., Selck, H. & Syberg, K., Sept 2023, In: *TrAC - Trends in Analytical Chemistry*. 166, 117191.

Circular construction in Europe: Handbook for local and regional governments

Coluccia, C., Petitjean, L., Christensen, T. B., Simonsen, G., Kernel, P. K. & Buchard, M. V., Aug 2023, ICLEI - Local Governments for Sustainability e.V. 65 p.

Interdisciplinary Perspectives on Socioecological Challenges: Sustainable Transformations Globally and in the EU

Andersen, A. S., Hauggaard-Nielsen, H., Christensen, T. B. & Hulgård, L., 30 Apr 2023, London and New York: Routledge. 376 p. (Routledge Studies in Sustainable Development).

Ecological and socioecological governance in the UN and the EU

Andersen, A. S., Christensen, T. B. & Hulgård, L., 7 Apr 2023, *Interdisciplinary Perspectives on Socioecological Challenges: Sustainable Transformations Globally and in the EU*. Andersen, A. S., Hauggaard-Nielsen, H., Christensen, T. B. & Hulgård, L. (eds.). London New York: Routledge, p. 264-301 37 p. (Routledge Studies in Sustainable Development).

Global ecological risks

Andersen, A. S., Hauggaard-Nielsen, H., Christensen, T. B. & Hulgård, L., 7 Apr 2023, *Interdisciplinary Perspectives on Socioecological Challenges: Sustainable Transformations Globally and in the EU*. Andersen, A. S., Hauggaard-Nielsen, H., Christensen, T. B. & Hulgård, L. (eds.). London New York: Routledge, p. 16-32 16 p. (Routledge Studies in Sustainable Development).

Interdisciplinary research and knowledge creation

Andersen, A. S., Hauggaard-Nielsen, H., Christensen, T. B. & Hulgård, L., 7 Apr 2023, *Interdisciplinary Perspectives on Socioecological Challenges: Sustainable Transformations Globally and in the EU*. Andersen, A. S., Hauggaard-Nielsen, H., Christensen, T. B. & Hulgård, L. (eds.). London New York: Routledge, p. 320-354 34 p. (Routledge Studies in Sustainable Development).

Introduction

Andersen, A. S., Hauggaard-Nielsen, H., Christensen, T. B. & Hulgård, L., 7 Apr 2023, *Interdisciplinary Perspectives on Socioecological Challenges: Sustainable Transformations Globally and in the EU*. Andersen, A. S., Hauggaard-Nielsen, H., Christensen, T. B. & Hulgård, L. (eds.). London New York: Routledge, p. 1-14 14 p. (Routledge Studies in Sustainable Development).

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UN ecological risk governance

Andersen, A. S., Hauggaard-Nielsen, H., Christensen, T. B. & Hulgård, L., 7 Apr 2023, *Interdisciplinary Perspectives on Socioecological Challenges: Sustainable Transformations Globally and in the EU*. Andersen, A. S., Hauggaard-Nielsen, H., Christensen, T. B. & Hulgaard, L. (eds.). London New York: Routledge, p. 32-59 27 p. (Routledge Studies in Sustainable Development).

Climate change-motivated development of EU's energy production and use systems

Christensen, T. B. & Thomsen, T., Apr 2023, *Interdisciplinary Perspectives on Socioecological Challenges: Sustainable Transformations Globally and in the EU*. Andersen, A. S., Hauggaard-Nielsen, H., Christensen, T. B. & Hulgaard, L. (eds.). Routledge, p. 146-174

Reducing plastic in the operating theatre: Towards a more circular economy for medical products and packaging

Ramos, T. M., Christensen, T. B., Oturai, N. G. & Syberg, K., 10 Jan 2023, In: *Journal of Cleaner Production*. 383, 135379.

Resources and the circular economy

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A review of the plastic value chain from a circular economy perspective

Johansen, M. R., Christensen, T. B., Ramos, T. M. & Syberg, K., 15 Jan 2022, In: *Journal of Environmental Management*. 302, 113975.

Closing the material loops for construction and demolition waste: The circular economy on the island Bornholm, Denmark

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Growth, Resources and the Circular Economy

Thomsen, T. P., Lybæk, R. & Christensen, T. B., 2022, *New Economies for Sustainability: Limits and Potentials for Possible Futures*. Langergaard, L. L. (ed.). Springer, p. 83-101 19 p. (Ethical Economy; No. 59).

Towards a circular economy in cities: Exploring local modes of governance in the transition towards a circular economy in construction and textile recycling

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Enhancing Policies for Deployment of Industrial Symbiosis: What Are the Obstacles, Drivers and Future Way Forward?

Lybæk, R., Christensen, T. B. & Thomsen, T. P., 20 Jan 2021, In: *Journal of Cleaner Production*. 280, 2, 124351.

Circular Economy: Practices, knowledgebases and novelty

Christensen, T. B. & Hauggaard-Nielsen, H., 2020, In: *Journal of Transdisciplinary Environmental Studies*. 18, 1, p. 2-16

Circular municipalities: An analysis of circular economy initiatives in municipal policy and planning in Denmark

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Risk Perception of Plastic Pollution: Importance of Stakeholder Involvement and Citizen Science

Syberg, K., Hansen, S. F., Christensen, T. B. & Khan, F., 2018, *Freshwater Microplastics: Emerging Environmental Contaminants?*. Wagner, M. & Lambert, S. (eds.). 1 ed. Springer, Vol. 58. p. 203-221 19 p. (Handbook of Environmental Chemistry, Vol. 58).

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Damsø, T. N. J., Kjær, T. & Christensen, T. B., Feb 2016, In: Energy Policy. 89, p. 74-83 10 p.

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Damsø, T., Kjær, T. & Christensen, T. B., 2016, In: Carbon Management. 7, 3-4, p. 191-203 13 p.

Linking climate change mitigation and coastal eutrophication management through biogas technology: Evidence from a new Danish bioenergy concept

Kaspersen, B. S., Christensen, T. B., Fredenslund, A. M., Møller, H. B., Buttsb, M. B., Jensen, N. H. & Kjær, T., 2015, In: Science of the Total Environment. 541, p. 1124-1131

Back to the Future: A backcasting based approach to planning for an energy system transition in the danish region of Zealand

Damsø, T. N. J., Christensen, T. B. & Kjær, T., 2014, In: Journal of Transdisciplinary Environmental Studies. 13, 2, p. 12-23 11 p.

Electric vehicle design

Christensen, T. B. & Jørgensen, N., 2014, *Situated Design Methods*. Simonsen, J., Svabo, C., Strandvad, S. M., Samson, K., Hertzum, M. & Hansen, O. E. (eds.). MIT Press, p. 299-315 (Design thinking, design theory).

Methods for Prevention of Environmental Impacts

Christensen, T. B., Lybæk, R. & Kjær, T., 2014, *Situated Design Methods*. Simonsen, J., Svabo, C., Strandvad, S. M., Samson, K., Hertzum, M. & Hansen, O. E. (eds.). MIT Press, p. 339-356 (Design thinking, design theory).

The Role of Municipalities, Energy Companies and the Agricultural Sector in Denmark as Drivers for Biogas: Trends in the Current Development

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Enhancing the transition capability of Danish biomass technology by applying a futures study backcasting methodology on the biogas sector

Lybæk, R., Christensen, T. B. & Kjær, T., Apr 2013, In: European Journal of Sustainable Development. 2, 4, p. 37-50 13 p.

Governing innovation for sustainable development in Danish biogas sector - a historical overview and analysis of innovation

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Use of cast seaweed and pectin production waste for anaerobic digestion in Solrød Municipality, Denmark

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A Glance at the World

Fredenslund, A. M., Kjær, T. & Christensen, T. B., 2012, In: Waste Management. 32, 11, p. 2185-2188

Can innovative business models overcome resistance to electric vehicles? Better Place and battery electric cars in Denmark

Christensen, T. B., Wells, P. & Cipcigan, L., 2012, In: Energy Policy. 48, p. 498-505 8 p.

Designing models and screening biomass residues for facilitating the implementation of local biomass energy technologies

Lybæk, R., Kjær, T. & Christensen, T. B., 2012, *ICSET Kathmandu, Nepal conference Proceedings*. IEEE Xplore: IEEE, Vol. IEEE Catalog nr.: CFP1279D-USB. 4 p.

Environmental perspectives on using cast seaweed for biogas production

Fredenslund, A. M., Møller, H. B., Christensen, T. B. & Kjær, T., 2012. 8 p.

What is CleanTech? Unraveling the Buzzword

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Modularised eco-innovation in the auto industry

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Utilization of cast seaweed and waste from pectin production for anaerobic digestion

Fredenslund, A. M., Christensen, T. B., Kjær, T., Danielsen, S., Møller, H. B., Kjær, L. L. & Fafner, K., 2011, *Sardinia 2011 Proceedings – Thirteenth International Waste management and Landfill Symposium* .

How the history of Danish biogas innovation can help shaping future public interventions in the biogas sector

Lybæk, R., Christensen, T. B. & Kjær, T., 2010, *The 16th Annual International Sustainable Development Research Conference 2010: Conference Proceedings*. www, 35 p.

The role of academia in regional sustainability initiatives: Wales

Wells, P., Bristow, G., Nieuwenhuis, P. & Christensen, T. B., 2009, In: *Journal of Cleaner Production*. 17, 12, p. 1116–1122 7 p.

Projects

Activities under Covenant of Mayors in Roskilde Municipality

Christensen, T. B. (Project participant) & Kjær, T. (Project participant)
01/11/2016 → 30/06/2017

Agriculture as energy provider

Hauggaard-Nielsen, H. (Project participant), Kjær, T. (Project participant) & Christensen, T. B. (Project participant)
02/01/2012 → 31/12/2012

An ocean of opportunities (plastic waste in Roskilde Fjord)

Christensen, T. B. (Project participant), Syberg, K. (Project participant), Palmqvist, A. (Project participant) & Khan, F. (Project participant)
01/02/2016 → 31/12/2018

BIS: Baltic Industrial Symbiosis

Christensen, T. B. (Project manager), Lybæk, R. (Project participant) & Thomsen, T. P. (Project participant)
01/01/2019 → 30/09/2021

Bioenergy Promotion 2: From strategies to activities

Christensen, T. B. (Project participant) & Kjær, T. (Project participant)
01/03/2012 → 01/03/2014

Biofuel Initiatives in Region Zealand, Denmark

Hauggaard-Nielsen, H. (Project participant), Kjær, T. (Project manager) & Christensen, T. B. (Project participant)
01/06/2007 → 31/12/2009

Biofuels in Region Zealand Denmark

Christensen, T. B. (Project participant) & Kjær, T. (Project participant)
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01/06/2007 → 31/12/2009

CircleHealth - Circularity of plastics and textiles in the healthcare sector

Christensen, T. B. (Project participant), Syberg, K. (Project manager) & Oturai, N. G. (Project participant)

01/10/2022 → 01/10/2026

Circular economy in Region Zealand

Christensen, T. B. (Project manager), Fjalland, E. L. P. (Project participant) & Buchard, M. V. (Project participant)
01/10/2018 → 15/02/2021

Circular South Baltic

Christensen, T. B. (Project manager) & Buchard, M. V. (Project participant)
01/08/2024 → 31/07/2027

Circular waste-resource plans

Christensen, T. B. (Project participant)
01/08/2017 → 01/02/2018

Cleantech

Christensen, T. B. (Project manager), Kjær, T. (Project participant) & Bjarklev, A. (Project participant)
01/06/2012 → 31/12/2012

Cleantech as a strategy for businesses to reduce their resource and energy consumption

Christensen, T. B. (Project participant), Kjær, T. (Project participant) & Olsen, B. (Project participant)
15/05/2013 → 31/12/2013

Demonstrating systemic urban development for circular and regenerative cities

Christensen, T. B. (Project manager), Buchard, M. V. (Project participant) & Glarborg, C. N. (Project participant)
01/10/2019 → 01/10/2023

Energy savings in shops in Roskilde

Christensen, T. B. (Project participant), Kjær, T. (Project participant) & Palsberg, A. (Project participant)
01/11/2013 → 01/03/2014

Environmental Governance Course (DANIDA)

Syberg, K. (Project participant), Christensen, T. B. (Project participant) & Hauggaard-Nielsen, H. (Project participant)
01/01/2019 → 31/12/2019

Environmental innovation and Entrepreneurship

Christensen, T. B. (Project participant)
Øresund Entrepreneurship Academy
29/01/2010 → 01/01/2011

Exploitation of alternative biological waste for energyproduction

Christensen, T. B. (Project participant)
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01/09/2009 → 01/09/2010

Forprojekt for offentlig privat innovation i plastens værdikæde

Christensen, T. B. (Project participant) & Syberg, K. (Project participant)
01/02/2021 → 28/02/2022

Green Gold – translational science on living cell factories and the hope of engineering metabolisms to enable a sustainable future

Pihl, E. V. K. (Project participant), Christensen, T. B. (Project participant) & Riis, S. (Project participant)
01/02/2021 → 30/04/2024

Green IT-procurement

Pries-Heje, J. (Project manager), Christensen, T. B. (Project participant), Boulus-Rødje, N. (Project participant) & Kirkeby, M. H. (Project participant)

01/01/2024 → 31/07/2028

Industrial Symbiosis

Christensen, T. B. (Project participant), Lybæk, R. (Project participant) & Kjær, T. (Project participant)
01/10/2012 → 31/08/2014

LINC: LOOP CITY INtelligent Commuting

Christensen, T. B. (Project manager) & Villadsen, H. (Project participant)
01/06/2018 → 31/08/2021

Organic municipal household waste

Christensen, T. B. (Project participant) & Kjær, T. (Project participant)
01/01/2015 → 31/12/2015

PARCK: Partnership for Circular Municipalities

Christensen, T. B. (Project manager)
01/08/2018 → 31/01/2021

Plasthåndtering i Region Sjælland

Syberg, K. (Project participant), Christensen, T. B. (Project participant) & Ramos, T. M. (Project participant)
01/01/2020 → 31/12/2023

Renewable energi in businesses

Christensen, T. B. (Project participant), Kjær, T. (Project participant) & Brebøl, A. (Project participant)
01/10/2012 → 01/01/2013

Roskilde Environmental Plastic Society

Syberg, K. (Project manager), Oturai, N. G. (Project participant), Thomsen, T. P. (Project participant), Jensen, A. T. B. (Project participant), Ramos, T. M. (Project participant), Palmqvist, A. (Project participant), Sandgaard, M. H. (Project participant), Jepsen, P. M. (Project participant), Christensen, T. B. (Project participant), Hooge, A. (Project participant), Hauggaard-Nielsen, H. (Project participant), Johansen, J. L. (Project participant), Lyngsie, G. (Project participant) & Lorenz, C. (Project participant)
01/04/2021 → ...

Schools at University for Climate and Energy (SAUCE)

Christensen, T. B. (Project participant) & Kjær, T. (Project participant)
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11/08/2010 → 30/09/2011

Situated Design Methods

Simonsen, J. (Project manager), Svabo, C. (Project manager), Strandvad, S. M. (Project manager), Samson, K. (Project manager), Hertzum, M. (Project manager), Hansen, O. E. (Project manager), Søndergård, B. (Project participant), Kristiansen, E. (Project participant), Christrup, H. (Project participant), Pries-Heje, J. (Project participant), Nielsen, J. L. (Project participant), Bødker, K. (Project participant), Pfeiffer Pedersen, L. (Project participant), Frølunde, L. (Project participant), Rosendahl, M. (Project participant), Neisig, M. (Project participant), Frandsen, M. S. (Project participant), Juul, N. C. (Project participant), Jørgensen, N. (Project participant), Lybæk, R. (Project participant), Groth, S. K. (Project participant), Christensen, T. B. (Project participant), Andreasen, T. (Project participant), Kjær, T. (Project participant), Kensing, F. (Project participant), Venable, J. (Project participant), Birch Andreasen, L. (Project participant), Baskerville, R. (Project participant) & Gudiksen, S. (Project participant)
01/01/2013 → 01/10/2014

STEPS: Strategic Municipal Energy-Planning in Region Zealand

Christensen, T. B. (Project participant) & Kjær, T. (Project participant)
01/01/2014 → 31/07/2015

The Baltic Sea Bioenergy Promotion Project

Christensen, T. B. (Project participant) & Kjær, T. (Project participant)

Baltic Sea Region Programme 2007-2013

11/08/2010 → 29/02/2012

Utilization of Organic waste for Energy purposes - Phase 2

Christensen, T. B. (Project participant)

01/03/2011 → 01/10/2012