

Books

From Waste to Value: Valorisation Pathways for Organic Waste Streams in Circular Bioeconomies.
Klitkou, Antje; Fevolden, Arne Martin; Capasso, Marco. 2019, Routledge. NIFU Vitenskapelig antologi

Food Waste Reduction and Valorisation. Sustainability Assessment and Policy Analysis.
Morone, Piergiuseppe; Papendiek, Franka; Tartiu, Valentina Elena. 2017, Springer. UIO, UdSdRLS Fagbok

Articles in Academic Journals

Towards Sustainable Wood-Based Energy: Evaluation and Strategies for Mainstreaming Sustainability in the Sector.

Szulecka, Julia. 2019, Sustainability. UIO Vitenskapelig artikkel

Governance for system optimization and system change: The case of urban waste.

Bugge, Markus; Fevolden, Arne Martin; Klitkou, Antje. 2018, Research Policy. NIFU Vitenskapelig artikkel

Residual biomass as resource – Life-cycle environmental impact of wastes in circular resource systems.

Olofsson, Johanna and Börjesson (Lund University), 2018. Journal of Cleaner Production 20:997-1006

A conceptual framework for studying science research careers.

Canibano, Carolina; Woolley, Richard; Iversen, Eric James; Hinze, Sybille; Hornbostel, Stefan; Tesch, Jakob. 2018, Journal of Technology Transfer. UPdV, TYSKLAND, NIFU Vitenskapelig artikkel

Innovation and natural resource-based development: case of natural rubber sector in Kerala, India.

Joseph, KJ; Thapa, Namrata; Wicken, Olav. 2018, Innovation and Development. CDS, UIO Vitenskapelig artikkel

Policy mixes for the sustainability transition of the pulp and paper industry in Sweden.

Scordato, Lisa; Klitkou, Antje; Tartiu, Valentina Elena; Coenen, Lars. 2018, Journal of Cleaner Production. MELB, UIO, NIFU Vitenskapelig artikkel

Technological innovation systems for biorefineries: a review of the literature.

Bauer, Fredric; Coenen, Lars; Hansen, Teis; McCormick, Kes; Palgan, Yuliya Voytenko. 2017, Biofuels, Bioproducts and Biorefining. Lu, MELB, NIFU Vitenskapelig oversiktsartikkel/review

The role of trials and demonstration projects in the development of a sustainable bioeconomy.

Fevolden, Arne Martin; Coenen, Lars; Hansen, Teis; Klitkou, Antje. 2017, Sustainability. Lu, MELB, UIO, NIFU Vitenskapelig artikkel

Directionality across diversity: governing contending policy rationales in the transition towards the bioeconomy.

Scordato, Lisa; Bugge, Markus; Fevolden, Arne Martin. 2017, Sustainability. UIO, NIFU Vitenskapelig artikkel

Value Chain Structures that Define European Cellulosic Ethanol Production.

Gregg, Jay Sterling; Bolwig, Simon; Hansen, Teis; Solér, Ola; Amer-Allam, Sara Ben; Viladecans, Julia Pladevall; Klitkou, Antje; Fevolden, Arne Martin. 2017, Sustainability. DTU, Lu, NIFU Vitenskapelig artikkel

Path creation in Nordic energy and road transport systems – The role of technological characteristics.

Hansen, Teis; Klitkou, Antje; Borup, Mads; Scordato, Lisa; Wessberg, Nina. 2017, Renewable & Sustainable Energy Reviews. DTU, VTT, Lu, NIFU Vitenskapelig oversiktsartikkel/review

A fuel too far? Technology, innovation, and transition in failed biofuel development in Norway.

Fevolden, Arne Martin; Klitkou, Antje. 2017, Energy Research & Social Science. NIFU Vitenskapelig artikkel

What is the bioeconomy? A review of the literature.

Bugge, Markus; Hansen, Teis; Klitkou, Antje. 2016, Sustainability. Lu, NIFU Vitenskapelig oversiktsartikkel/review

Book chapters

Grassroots Innovations and the Transition Towards Sustainability: Tackling the Food Waste Challenge.
Tartiu, Valentina Elena; Morone, Piergiuseppe. 2017, Springer. UIO, UdSdRLS Faglig kapittel

Reports

Mapping Activities in the Norwegian Organic Waste Sector: A survey of Norwegian firms engaged in organic waste activities.

Normann, Håkon Endresen. 2018, UIO Rapport

Greenhouse gas emissions of methanol from co-gasification of black liquor with by-product biomass.

Olofsson, Johanna and Börjesson, Pål (Lund University), Report

Bioeconomy and digitalisation.

Klitkou, Antje; Bozell, Joe; Panoutsou, Calliope; Kuhndt, Michael; Kuusisaari, Jaakko; Beckmann, Janpeter. 2017, NIFU Rapport

A foresight process on the circular bioeconomy in Norway.

Reime, Marianne Rist-Larsen; Røste, Rannveig; Almasi, Alexandra. 2017, NIFU Rapport

The circular bioeconomy in Scandinavia.

Reime, Marianne Rist-Larsen; Røste, Rannveig; Almasi, Alexandra; Coenen, Lars. 2016, KBL, NIFU Rapport

Policy and technical briefs

NIFU Insight 2018:1. Recycling or prevention of waste? Addressing the food waste challenge in the right end (SusValueWaste Policy Brief no. 2).

Bugge, Markus; Dybdahl, Linn Meidell; Szulecka, Julia. 2018, UIO, NIFU Briefs

Assessing the sustainability of a circular bio-based Economy: Life Cycle assessment, SusValueWaste Technical Brief No. 1,

Brekke, Andreas, Lyng, Kari-Anne, Olofsson (Østfoldforskning) and Johanna (Lund University)

From fossil fuels to a bio-based economy: identifying the rationales for policy intervention. SusValueWaste Policy Brief No. 1.

Scordato, Lisa; Solberg, Espen. 2017, NIFU Rapport

Conference presentations and sessions

Innovation in the valorisation of by-products: A comparative analysis of the absorptive capacity of food processing firms.

Strøm-Andersen, Nhat. 2018, 9th International Sustainability Transitions Conference (IST 2018). UIO Vitenskapelig foredrag

The value chain for valorisation of organic waste in promotion of a circular bioeconomy: A literature review.

Gregg, Jay Sterling; Happel, Maaïke Karlijn; Bolwig, Simon; Bugge, Markus; Tanner, Anne; Klitkou, Antje. 2018, 9th International Sustainability Transitions Conference (IST 2018). UIO, NIFU Vitenskapelig foredrag

Towards a relatedness framework for understanding new industry development in regions.

Hansen, Teis; Klitkou, Antje; Tanner, Anne. 2018, 5th Global Conference on Economic Geography 2018. NIFU Vitenskapelig foredrag

Towards a relatedness framework for understanding new industry development in regions.

Hansen, Teis; Klitkou, Antje; Tanner, Anne. 2018, American Association of Geographers: Annual Meeting 2018. NIFU Vitenskapelig foredrag

Empirical Research Avenues for Regional Policy Elaboration.

Capasso, Marco; Iversen, Eric James; Klitkou, Antje; Sandven, Tore Vang. 2018, Economic Geography research seminar. NIFU Vitenskapelig foredrag

Key challenges for commercialisation of forest-based biorefineries.

Hansen, Teis. 2018, 7th International Bioeconomy Conference. NIFU Vitenskapelig foredrag

New path development for forest-based value creation in Norway.

Klitkou, Antje; Capasso, Marco; Hansen, Teis; Szulecka, Julia. 2018, 7th International Conference on the Bioeconomy. UIO, NIFU Vitenskapelig foredrag

To overcome path dependencies in a regional context.

Klitkou, Antje; Hansen, Teis; Capasso, Marco. 2018, 4th Geography of Innovation Conference - GEOINNO 2018. NIFU Vitenskapelig foredrag

Sustainability transitions towards bioeconomy: The role of dynamic interplay between technological innovation, industry and policy – an empirical evidence from the Norwegian food industry.

Strøm-Andersen, Nhat. 2018, 24th Annual SPRU PhD Forum 2018. UIO Vitenskapelig foredrag

Empirical strategies to analyze innovative firms in the bioeconomy.

Iversen, Eric James. 2017, The 3rd Research Area Networks Workshop. NIFU Vitenskapelig foredrag

Dialogue Session: The transition to a sustainable bioeconomy.

Klitkou, Antje; Lazarevic, David; Oddsson, Geir; Reime, Marianne Rist-Larsen; Lystad, Henrik; Birch, Kean. 2017, IST 2017. NIFU Vitenskapelig foredrag

Innovation policy driven by actors with heterogeneous perceptions: An agent-based model based on the forestry sector.

Tartiu, Valentina Elena; Capasso, Marco. 2017, Social Simulation Conference 2017. UIO, NIFU Vitenskapelig foredrag

Empirical Research Avenues for Regional Policy Elaboration.

Capasso, Marco; Iversen, Eric James; Klitkou, Antje; Sandven, Tore Vang. 2017, Guest lecture at Unitelma Sapienza. NIFU Vitenskapelig foredrag

Empirical Research Avenues for Regional Policy Elaboration. Capasso, Marco; Iversen, Eric James; Klitkou, Antje; Sandven, Tore Vang. 2017, The 3rd Research Area [X] 'Networks' Workshop 2017: THE ROLE OF INNOVATION NETWORKS FOR SUSTAINABLE ECONOMIC DEVELOPMENT. NIFU Vitenskapelig foredrag

Policies for system change: the transition to the Bioeconomy.

Scordato, Lisa; Bugge, Markus M.; Hansen, Teis; Tanner, Anne; Wicken, Olav. 2017, EU-SPRI 2017. Lu, UIO, NIFU Vitenskapelig foredrag

Sustainable Transitions on the Move – Guiding Visions for a Circular Bioeconomy in Scandinavia.

Røste, Rannveig; Coenen, Lars; Gregg, Jay Sterling. 2017, IST 2017. NIFU Vitenskapelig foredrag

The role of natural resources in path renewal - The case of the bioeconomy.

Hansen, Teis; Klitkou, Antje; Tanner, Anne. 2017, IST 2017. NIFU Vitenskapelig foredrag

Uprooted: How Parliamentarism, Professionalization, and a Conservative Backlash De-legitimized Polish Environmentalism.

Szulecka, Julia. 2017, ECPR General Conference. UIO Vitenskapelig foredrag

Action space in transition to sustainable urban waste management.

Klitkou, Antje; Fevolden, Arne Martin. 2016, SPRU 50th Anniversary conference, Brighton, September 7th- 9th 2016. UIO, NIFU Vitenskapelig foredrag

Where and how do socio-technical regimes destabilize? Shifting pathways in the Swedish paper and pulp industry.

Hansen, Teis. 2016, 3rd Geography of Innovation Conference. NIFU Vitenskapelig foredrag

Governance in transition: directionality and heterogeneity towards a bioeconomy.

Scordato, Lisa; Bugge, Markus; Fevolden, Arne Martin. 2016, EU-SPRI Conference 2016. UIO, NIFU Vitenskapelig foredrag

Value chain structures that define second generation bio-refineries in Europe.

Gregg, Jay; Bolwig, Simon; Hansen, Teis; Soler, Ola; Amer-Allam, Sara Ben; Viladecans, Julia Pladevall; Coenen, Lars; Klitkou, Antje; Fevolden, Arne. 2016, EU-SPRI Conference 2016. NIFU Vitenskapelig foredrag

Value chain structures that define second generation bio-refineries in Europe.

Gregg, Jay; Bolwig, Simon; Hansen, Teis; Soler, Ola; Amer-Allam, Sara Ben; Viladecans, Julia Pladevall; Klitkou, Antje; Fevolden, Arne Martin. 2016, Nordic Research and Innovation Pathways towards a Circular Bio-economy NoRest Conference. UIO, NIFU Vitenskapelig foredrag

Transition to sustainable urban waste management.

Bugge, Markus; Klitkou, Antje; Fevolden, Arne Martin. 2016, Nordic Research and Innovation Pathways towards a Circular Bio-economy NoRest Conference. UIO, NIFU Vitenskapelig foredrag

The status of circular bio--economy in Scandinavia.

Almasi, Alexandra; Røste, Rannveig. 2016, Nordic Research and Innovation Pathways towards a Circular Bio-economy NoRest Conference. KBL, NIFU Vitenskapelig foredrag

Deconstructing the policy discourse: Contending visions of the bio-based economy.

Scordato, Lisa; Bugge, Markus; Fevolden, Arne Martin. 2016, Nordic Research and Innovation Pathways towards a Circular Bio-economy NoRest Conference. UIO, NIFU Vitenskapelig foredrag

Competing visions for the transition to the bioeconomy.

Klitkou, Antje; Bugge, Markus; Hansen, Teis. 2016, Nordic Research and Innovation Pathways towards a Circular Bio-economy NoRest Conference. NIFU Vitenskapelig foredrag

Building the interdisciplinary bio economy: using action research to facilitate inter- and transdisciplinary knowledge creation".

Olsen, Dorothy Sutherland. 2015, International Transdisciplinary Conference. NIFU Vitenskapelig foredrag

Conference Posters

Postsmolt and extended land phase in Norwegian salmon farming.

Sandvold, Hilde Ness; Tveterås, Ragnar. 2016, NoRest Conference. UIS Poster

More value with less harm: scrutinizing sustainable pathways for rest resource handling in food manufacturing empirically.

Brekke, Andreas; Lyng, Kari-Anne; Hanssen, Ole Jørgen; Olafsson, Johanna; Börjesson, Pål. 2016, LCA Food 2016. ØSTFORSK, NMBU Poster

Policy interventions for sustainability transitions: Establishment of standards, certifications and labels for bio-based products.

Dybdahl, Linn Meidell. 2016, Nordic Research and Innovation Pathways towards a Circular Bio-economy NoRest Conference. NIFU Poster

Transition towards sustainable waste valorization from agricultural production systems: Insights from salmon aquaculture and aquaponics.

Gregg, Jay; Olsen, Dorothy Sutherland; Tartiu, Valentina Elena. 2016, Nordic Research and Innovation Pathways towards a Circular Bio-economy NoRest Conference. UIO, NIFU Poster

Handling of organic by-products and residues in LCA methods: a case of five food industry sectors.

Olofsson, Johanna; Börjesson, Pål; Hallström, Elinor; Lyng, Kari-Anne; Brekke, Andreas; Hanssen, Ole Jørgen. 2016, 10th International conference on Life Cycle Assessment of Food 2016. ØSTFORSK, NMBU Poster

More value with less harm: Scrutinizing sustainable pathways for surplus resource handling in food manufacturing empirically.

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Emerging Landscape of Bioeconomy in Norway: A Dynamic Actor Network Analysis on the Forestry Sector.

Tartiu, Valentina Elena; Fevolden, Arne Martin; Castellacci, Fulvio; Strøm-Andersen, Nhat. 2016, Nordic Research and Innovation Pathways towards a Circular Bio-economy NoRest Conference. UIO Poster

The market-square in the circular bio-economy: empirical strategies.

Iversen, Eric James. 2016, Nordic Research and Innovation Pathways towards a Circular Bio-economy NoRest Conference. NIFU Poster

Presentations and workshops

Innovasjon i avfallshåndtering - Resirkulering eller forebygging?

Bugge, Markus. 2019, TEKNA Frokostmøte. NIFU Faglig foredrag

Understanding the Bioeconomy.

Bugge, Markus. 2019, TIK Talk. NIFU Faglig foredrag

Strengthening the Nordic Bioeconomy.

Szulecka, Julia. 2018, Bio-Wise-Trans Workshop. UIO Vitenskapelig foredrag

The Possibilities for Biotech in the Brewery Industry.

Mark, Michael Spjelkavik. 2018, Breakfast meeting. NIFU Faglig foredrag

Nye veier for verdiskaping i skogsbasert næringsutvikling i Norge.

Klitkou, Antje. 2018, Frokostseminar on nye veier for verdiskaping i skogsbasert næringsutvikling i Norge. NIFU Faglig foredrag

Forest bioeconomy - multiple use of forest land: the craftsmanship of working together.

Szulecka, Julia. 2018, The BioWiseTrans Network "Enabling Sustainable Transition to a Biobased Economy". UIO Vitenskapelig foredrag

Sustainable Energy from Wood: Global Sustainability Standards and Local Corporate-Societal Partnerships in Bioenergy Production.

Szulecka, Julia. 2017, SusValueWaste Annual Meeting. UIO Vitenskapelig foredrag

Incumbent's ability to innovate during the transition towards a sustainable bioeconomy: a within-case analysis of Norwegian meat processing sector.

Strøm-Andersen, Nhat; Tartiu, Valentina Elena. 2017, Case Study Research Methods – Oslo International Summer School. UIO Faglig foredrag

Measuring footprints of products and processes.

Brekke, Andreas. 2017, SusValueWaste åpent seminar. ØSTFORSK Faglig foredrag

Hvordan kan bioøkonomien forstås som et systemskift? Bioøkonomien i et bredere perspektiv.

Bugge, Markus. 2017, Workshop om politiske rammebetingelser for en biobasert økonomi. NIFU Faglig foredrag

Sustainability strategies in the beer brewing industry with focus on spent grains. Value chain case studies from the Nordic countries.

Happel, Maaike; Bolwig, Simon; Mark, Michael Spjelkavik. 2017, SusValueWaste Annual Meeting. NIFU Faglig foredrag

SusValueWaste prosjektet ved BioSmart-seminar i Trondheim.

Klitkou, Antje. 2016, BioSmart seminar. NIFU Faglig foredrag

Tverrfaglighet i bioøkonomien: SusValueWaste.

Olsen, Dorothy Sutherland. 2016, Seminar-NOFIMA. NIFU Faglig foredrag

SusValueWaste prosjekt og avfallsbransjen.

Klitkou, Antje. 2015, Avfallsbransjens roller i den sirkulære økonomien. NIFU Faglig foredrag

Bioeconomy in Denmark.

Almasi, Alexandra; Coenen, Lars. 2016, Foresight seminar om bioøkonomien. NIFU Faglig foredrag

Bioeconomy in Sweden.

Røste, Rannveig. 2016, Foresight seminar om bioøkonomien. NIFU Faglig foredrag

Bioeconomy in Norway.

Reime, Marianne Rist-Larsen. 2016, Foresight seminar om bioøkonomien. Faglig foredrag

SusValueWaste prosjektet - inventory av ressurser og aktører. Klitkou, Antje; Iversen, Eric James. 2016, Møte med Norsk Industri bransjeorganisasjoner. NIFU Faglig foredrag

Media

Innovasjon kan føre til mindre matsvinn.

Skrivervik, Eili. 2018, Forskning.no. UIO Kronikk

Privat eller offentlig søppeldrift?

Bugge, Markus; Fevolden, Arne Martin. 2017, Klassekampen. UIO Kronikk

Politikk uten prioriteringer.

Normann, Håkon Endresen; Bugge, Markus. 2017, Forskningspolitikk. UIO, NIFU Kronikk