

Agronomic characteristics of five different urban waste digestates

Airtightness of residential buildings in Finland

Anaerobic solubilisation of nitrogen from municipal solid waste (MSW)

Anaerobic treatment of LCFA-containing synthetic dairy wastewater at 20°C
Process performance and microbial community dynamics

Application of an indoor air pollution metamodel to a spatially-distributed housing stock

Are there environmental or agricultural benefits in using forest residue biochar in boreal agricultural clay soil?

Assessing uncertainty in housing stock infiltration rates and associated heat loss
English and UK case studies

Assessing urban population vulnerability and environmental risks across an urban area during heatwaves – Implications for health protection

Biogas from energy crops - Optimal pre-treatments and storage, co-digestion and energy balance in boreal conditions

Biogas production from boreal herbaceous grasses - Specific methane yield and methane yield per hectare

Bio-hydrogen Production from Sewage Sludge
Screening for Pretreatments and Semi-continuous Reactor Operation

Biological removal of selenate and ammonium by activated sludge in a sequencing batch reactor

Biological treatment of selenium-laden wastewater containing nitrate and sulfate in an upflow anaerobic sludge bed reactor at pH 5.0

Cell-wall disruption and lipid/astaxanthin extraction from microalgae
Chlorella and Haematococcus

CFD modeling the diffusional losses of nanocluster-sized particles and condensing vapors in 90° bends of circular tubes

Combination of a novel electrode material and artificial mediators to enhance power generation in an MFC

Composites of high-temperature thermomechanical pulps and polylactic acid

Cultivation of *Nannochloropsis* for eicosapentaenoic acid production in wastewaters of pulp and paper industry

Cultivation of *Scenedesmus acuminatus* in different liquid digestates from anaerobic digestion of pulp and paper industry biosludge

Determination of chlorinated 5-methyl-5-hydroxyfuranones in drinking water, in chlorinated humic water, and in pulp bleaching liquor

Editorial

Effect of heavy metal co-contaminants on selenite bioreduction by anaerobic granular sludge

Effect of micro-aeration and leachate replacement on COD solubilization and VFA production during mono-digestion of grass-silage in one-stage leach-bed reactors

Effect of tungsten and selenium on C_1 gas bioconversion by an enriched anaerobic sludge and microbial community analysis

Effects of anode potentials on bioelectrogenic conversion of xylose and microbial community compositions

Effects of different nickel species on autotrophic denitrification driven by thiosulfate in batch tests and a fluidized-bed reactor

Effects of elevated pressures on the activity of acidophilic bioleaching microorganisms

Effects of energy retrofits on Indoor Air Quality in multifamily buildings

Effects of solid-liquid separation on recovering residual methane and nitrogen from digested dairy cow manure

Effects of storage on characteristics and hygienic quality of digestates from four co-digestion concepts of manure and biowaste

Effects of wastewater constituents and operational conditions on the composition and dynamics of anodic microbial communities in bioelectrochemical systems

Fate of metallic engineered nanomaterials in constructed wetlands
prospection and future research perspectives

Fluidized-bed denitrification of mining water tolerates high nickel concentrations

Fungal treatment of landfill mining fine fraction to increase its stability and end-use potential

High efficiency dilute nitride solar cells
Simulations meet experiments

High-solids anaerobic digestion requires a trade-off between total solids, inoculum-to-substrate ratio and ammonia inhibition

Hydrothermal carbonization of pulp mill streams

Impact of crop species on bacterial community structure during anaerobic co-digestion of crops and cow manure

Improved biomass and lipid production in a mixotrophic culture of *Chlorella* sp. KR-1 with addition of coal-fired flue-gas

Indoor thermal environment, air exchange rates, and carbon dioxide concentrations before and after energy retro fits in Finnish and Lithuanian multi-family buildings

Internal leachate quality in a municipal solid waste landfill
Vertical, horizontal and temporal variation and impacts of leachate recirculation

Lipid production by eukaryotic microorganisms isolated from palm oil mill effluent

Long-term stability of bioelectricity generation coupled with tetrathionate disproportionation

Magnesium aminoclay enhances lipid production of mixotrophic *Chlorella* sp. KR-1 while reducing bacterial populations

Magnetophoretic harvesting of oleaginous *Chlorella* sp. by using biocompatible chitosan/magnetic nanoparticle composites

Mapping indoor overheating and air pollution risk modification across Great Britain
A modelling study

Metals removal and recovery in bioelectrochemical systems
A review

Methane oxidation in a boreal climate in an experimental landfill cover composed from mechanically-biologically treated waste

Methodological approaches for fractionation and speciation to estimate trace element bioavailability in engineered anaerobic digestion ecosystems
An overview

MicroEnv
A microsimulation model for quantifying the impacts of environmental policies on population health and health inequalities

Mild pressure induces rapid accumulation of neutral lipid (triacylglycerol) in *Chlorella* spp.

Mitigation of propylene glycol emissions to groundwater and soil

Nutrient management via struvite precipitation and recovery from various agroindustrial wastewaters
Process feasibility and struvite quality

Occurrence of some chlorinated enol lactones and cyclopentene-1,3-diones in chlorine-treated waters

Particle growth with photochemical age from new particle formation to haze in the winter of Beijing, China

Performance of a biotrickling filter for the anaerobic utilization of gas-phase methanol coupled to thiosulphate reduction and resource recovery through volatile fatty acids production

Performance of a sonic jet-type charger in high dust load

Physicochemical and elemental analyses of sandstone quarrying wastes to assess their impact on soil properties

Possible impacts of increasing maximum truck weight: Finland case study

Power production and microbial community composition in thermophilic acetate-fed up-flow and flow-through microbial fuel cells

Pre-use phase LCA of a multi-story residential building
Can greenhouse gas emissions be used as a more general environmental performance indicator?

Radon, fungal spores and MVOCs reduction in crawl space house
A case study and crawl space development by hygrothermal modelling

Recent advances in nutrient removal and recovery in biological and bioelectrochemical systems

Release and characteristics of fungal fragments in various conditions

Repeated use of stable magnetic flocculant for efficient harvest of oleaginous *Chlorella* sp.

Semi-continuous mono-digestion of OFMSW and Co-digestion of OFMSW with beech sawdust
Assessment of the maximum operational total solid content

Simultaneous nutrient removal and lipid production with *Chlorella vulgaris* on sterilized and non-sterilized anaerobically pretreated piggery wastewater

Software design for simulating microbial bioprocesses in bioreactor

Storing energy crops for methane production
Effects of solids content and biological additive

Structural Compatibility of Infrastructures Utilizing Alternative Earth Construction Materials

Struvite precipitation in raw and co-digested swine slurries for nutrients recovery in batch reactors

Sustainable nutrients recovery and recycling by optimizing the chemical addition sequence for struvite precipitation from raw swine slurries

Temperature control as key factor for optimal biohydrogen production from thermomechanical pulping wastewater

The effect of low-temperature pretreatment on the solubilization and biomethane potential of microalgae biomass grown in synthetic and wastewater media

The effect of organic loading rate and retention time on hydrogen production from a methanogenic CSTR

The impact of occupancy patterns, occupant-controlled ventilation and shading on indoor overheating risk in domestic environments

The modifying effect of the building envelope on population exposure to PM_{2.5} from outdoor sources

The relative importance of input weather data for indoor overheating risk assessment in dwellings

Thermophilic aerobic wastewater treatment, process performance, biomass characteristics, and effluent quality

Two-stage anaerobic digestion of tomato, cucumber, common reed and grass silage in leach-bed reactors and upflow anaerobic sludge blanket reactors

Using probabilistic sampling-based sensitivity analyses for indoor air quality modelling

Weathering of gasification and grate bottom ash in anaerobic conditions

Why social sustainability counts

The impact of corporate social sustainability culture on financial success