

Sanitation

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bacteria under magnification Sanitation is the hygienic means of preventing human contact from the hazards of wastes to promote health. Hazards can be either physical, microbiological, biological or chemical agents of disease. Wastes that can cause health problems are human and animal feces, solid wastes, domestic wastewater, industrial wastes, and agricultural wastes. Hygienic means of prevention can be by using engineering solutions, simple technologies, or even by personal hygiene practices. The term "sanitation" can be applied to a specific aspect, concept, location, or strategy, such as: Basic sanitation - refers to the management of human feces at the household level. This terminology is the indicator used to describe the target of the Millennium Development Goal on sanitation. On-site sanitation - the collection and treatment of waste is done where it is deposited. Examples are the use of pit latrines, septic tanks, and imhoff tanks. Food sanitation - refers to the hygienic measures for ensuring food safety. Environmental sanitation - the control of environmental factors that form links in disease transmission. Subsets of this category are solid waste management, water and wastewater treatment, industrial waste treatment and noise and pollution control. Ecological sanitation - a concept and an approach of recycling to nature the nutrients from human and animal wastes.

Recent Publications on Sanitation:



- [A framework for planning of sustainable water and sanitation systems in peri-urban areas.](#)
*There are billions of people around the world that lack access to safe...*30th August, 2008
Ecoloop AB, Brannkyrkagatan 35, 118 22, Stockholm, Sweden.- *Water Sci Technol.* 2008;58(3):563-570. ([DOI Direct Link](#))
- [Talking dirty--the politics of clean water and sanitation.](#)
*Rodent feeder devices are often made of reusable, sanitizable materials...*30th August, 2008
Yale University School of Medicine, New Haven, CT, USA.- *N Engl J Med.* 2008 Aug 21;359(8):784-7. ([DOI Direct Link](#))
- [Territorial disparities in the politics of sanitary prevention\]](#)
*The focus of this research was to investigate the efficacy of icing as a...*30th August, 2008
- *Rev Infirm.* 2008 Jun;(141):9.
- [Epidemiological data on food poisonings in Japan focused on Salmonella, 1998-2004.](#)
*In Japan, the numbers and cases of food poisonings must be reported as...*23rd August, 2008
Department of Education and Training Technology, National Institute of- *Food Addit Contam.* 2008 Aug 26:1-9. ([DOI Direct Link](#))
- [Disposable plastic rodent feeders for use in an automated filling system.](#)
*Rodent feeder devices are often made of reusable, sanitizable materials...*23rd August, 2008
Pfizer, Inc., 700 Chesterfield Parkway, Chesterfield, MO 63017, USA.- *Lab Anim (NY).* 2008 Sep;37(9):415-9. ([DOI Direct Link](#))

- [Cryptosporidiosis in Children in Sub-Saharan Africa: A Lingering Challenge.](#)
*Hospital- and community-based studies in sub-Saharan Africa document a...*22nd August, 2008
Division of Infectious Diseases, Cummings School of Veterinary Medicine,- Clin Infect Dis. 2008 Aug 20. ([DOI Direct Link](#))
- [Impact of source reduction on the spatial distribution of larvae and pupae of *Aedes albopictus* \(Diptera: Culicidae\) in suburban neighborhoods of a Piedmont community in North Carolina.](#)
*Aedes albopictus (Skuse) is a principal nuisance mosquito species and a...*22nd August, 2008
Department of Entomology, Campus Box 7647, North Carolina State- J Med Entomol. 2008 Jul;45(4):617-28.
- [\[Detection of bovine leukaemia virus \(BLV\) in tissue samples of naturally and experimentally infected cattle\]](#)
*Enzootic bovine leukaemia (EBL) which is caused by the bovine leukaemia...*21st August, 2008
Friedrich-Loeffler-Institut (FLI), Bundesforschungsinstitut fur- Berl Munch Tierarztl Wochenschr. 2008 Jul-Aug;121(7-8):263-9.
- [Perspectives on advancing preventative medicine through vaccinology at the comparative veterinary, human and conservation medicine interface: Not missing the opportunities.](#)
*Vaccination has historically and remains one of the most cost-effective...*19th August, 2008
Biological Mimetics Inc., 124 Byte Drive, Frederick, MD 21702, USA;- Vaccine. 2008 Aug 14. ([DOI Direct Link](#))
- [Exposure. Inmate's HIV-exposure from unsanitary conditions claim fails.](#)
*OBJECTIVE: Our objective was to identify the determinants of anemia among...*19th August, 2008
- AIDS Policy Law. 2004 Sep 24;19(18):8.
- [Wastewater garden-a system to treat wastewater with environmental benefits to community.](#)
*Many communities and villages around the world face serious problems with...*15th August, 2008
Environmental Technology Centre, Murdoch University, Murdoch, Western- Water Sci Technol. 2008;58(2):413-418. ([DOI Direct Link](#))
- [Bench-scale composting of source-separated human faeces for sanitation.](#)
*In urine-diverting toilets, urine and faeces are collected separately so...*12th August, 2008
Department of Civil Engineering, Makerere University, P.O. Box 7062,- Waste Manag. 2008 Aug 7. ([DOI Direct Link](#))
- [Determinants of anemia among preschool children in the Philippines.](#)
*OBJECTIVE: Our objective was to identify the determinants of anemia among...*12th August, 2008
Nutrition Center of the Philippines, Villamor Interchange, South- J Am Coll Nutr. 2008 Apr;27(2):229-43.
- [Effectiveness of icing as a postharvest treatment for control of *Vibrio vulnificus* and *Vibrio parahaemolyticus* in the eastern oyster \(*Crassostrea virginica*\).](#)
*The focus of this research was to investigate the efficacy of icing as a...*7th August, 2008
Aquaculture Research Station, Louisiana State University Agricultural- J Food Prot. 2008 Jul;71(7):1475-80.
- [Lessons public health professionals learned from past disasters.](#)
*OBJECTIVES: Delineate the lessons that public health professionals learned...*1st August, 2008
Institute for Biosecurity, Saint Louis University, St. Louis, Missouri,- Public Health Nurs. 2008 Jul-Aug;25(4):344-52. ([DOI Direct Link](#))

BioNews Results for Sanitation

- [Americans and GM food: Knowledge, opinion and interest in 2004](#)
FoodProcessing.com: Aug 29 2008 1:14AM Matching: sanitation
- [Problematic Hand Sanitation Can Lead to Healthcare-Acquired Infection](#)
Infection Control Today: Aug 23 2008 5:14PM Matching: sanitation

- [Safe Disposal Of Unused Pharmaceuticals](#)
Garden City News: Aug 22 2008 12:46PM Matching: sanitation
- [Global Health: Talking Dirty - The Politics of Clean Water and Sanitation](#)
New England Journal of Medicine: Aug 20 2008 9:23PM Matching: sanitation
- [The National Farm Commission And Rural Sanitation](#)
Journal of the American Medical Association: Aug 19 2008 9:07PM Matching: sanitation
- [Poor Sanitation](#)
Journal of the American Medical Association: Aug 19 2008 9:06PM Matching: sanitation
- [Columbia University's Mailman School of Public Health: Early cessation of breastfeeding by HIV+ women in poor](#)
NewsRX: Aug 17 2008 6:50AM Matching: sanitation
- [California Pacific Medical Center](#)
BioSpace: Aug 14 2008 7:03PM Matching: sanitation
- [International Red Cross adopts cholera prevention program in Kenya, developed by Hebrew U. students](#)
Genetic Engineering News: Aug 13 2008 2:59PM Matching: sanitation
- [Nurse-of-the-year Re-launch By Prof. Anyang Nyong'o](#)
Coastweek: Aug 1 2008 12:49PM Matching: sanitation
- [2.5 Billion Live with Poor Sanitation Facilities](#)
Infection Control Today: Jul 23 2008 11:37PM Matching: sanitation
- [ICRI Health Issues Admission Notice](#)
Pharma Live: Jul 22 2008 9:01PM Matching: sanitation
- [ICRI Health Issues Admission Notice](#)
Pharmalive.com: Jul 22 2008 8:36PM Matching: sanitation

Sanitation Clinical Trials:



- [A Randomized, Controlled, Unblinded, Clinical Trial of the Acceptability and Efficacy of Non-Pharmaceutical Methods in Preventing Spread of Influenza Within the Family](#)
Influenza Intervention: Behavioral: sanitation and personal hygiene

Sanitation Patents:



- 7383944- [Sanitary conveyor center drive assembly](#)
- 7390343- [Drinking water filtration device](#)
- 7390414- [Regeneration of chemically treated zeolite](#)
- 7390418- [Method of reducing chemical oxygen contaminants in water](#)
- 7390519- [Probiotic Lactobacillus salivarius strains](#)

- 7390787- [Compositions and methods for treating infections using analogues of indolicidin](#)
- 7390874- [Peptide, method of production thereof, and pharmaceutical composition containing the same](#)
- 7392810- [Dental flossing cartridge system and driver attachments](#)
- 7393094- [Ink for inkjet, ink set for inkjet, and inkjet recording method](#)
- 7393381- [Removing siloxanes from a gas stream using a mineral based adsorption media](#)
- 7393907- [Polar group-containing olefin copolymer, process for preparing the same, thermoplastic resin composition containing the copolymer, and uses thereof](#)
- 7390340- [Filtration apparatus](#)
- 7390305- [Peak flow meter](#)
- 7384005- [Tank spray head assembly](#)
- 7384895- [Conveyor lubricant, passivation of a thermoplastic container to stress cracking and thermoplastic stress crack inhibitor](#)
- 7386910- [Cleaning tool assembly with a disposable cleaning implement](#)
- 7387202- [Sanitary, portable feeding kit for children](#)
- 7387736- [Pathogen reduction using chloramines](#)
- 7387800- [Sesquiterpenoid derivatives having adipocyte differentiation inhibitory effect](#)
- 7388077- [Polypeptides having antimicrobial activity and polynucleotides encoding the same](#)
- 7389550- [Sanitary seat cover assembly for toilet bowl](#)
- 7389647- [Closed system and method for cooling and remote dispensing of beverages at guaranteed temperatures](#)
- 7390159- [Front mounted lifter for front load vehicle](#)
- 7395216- [Using predictive models to continuously update a treatment plan for a patient in a health care location](#)
- 7395646- [Portable packaging device and method for forming individually packaged articles](#)
- 7395923- [Container having the function of absorbing blood and water of fresh food](#)
- 7407577- [Tertiary filter septic system and method](#)
- 7407652- [Probiotic system for aquaculture](#)
- 7410524- [Regenerable purification system for removal of siloxanes and volatile organic carbons](#)
- 7410637- [Transgenic algae for delivering antigens to an animal](#)
- 7411113- [Modulating myo-inositol catabolism in plants](#)
- 7411137- [Automatic sealing arrangement for weigh scale for food processing apparatus](#)
- 7412461- [System and method for identifying a food event, tracking the food product, and assessing risks and costs associated with intervention](#)
- 7413650- [Mobile or stationary modular self-contained dehydration toilet, dehydration engine, and gray water recovery system](#)
- 7415428- [Processing meat products responsive to customer orders](#)
- 7415617- [Trusted infrastructure support systems, methods and techniques for secure electronic commerce, electronic transactions, commerce process control and automation, distributed computing, and rights management](#)
- 7407060- [Wall-mounted shelving system](#)
- 7407051- [Nozzleless conveyor belt and sprocket cleaning shaft](#)
- 7395939- [Carousel for electric toothbrushes](#)
- 7396176- [Corn on the cob buttering device](#)
- 7396891- [Two-component coating composition and method of preparation](#)
- 7398563- [Toilet seat structure that can be lifted up through a pedal](#)
- 7398565- [Self-cleaning urinal anti-splash device](#)
- 7399418- [Formulation and method for chlorinating recreational water](#)
- 7401436- [Flying insect capture and monitoring system](#)
- 7402252- [Automated electrolyte addition for salt water pools, spas, and water features](#)
- 7402653- [Biologically active peptides](#)
- 7406739- [Grout tool for use with an all surface cleaning apparatus](#)
- 7416644- [Method and device for stripping ammonia from liquids](#)

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