

# Ecosystem

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near the Hawaiian islands is an example of a complex marine ecosystem. An ecosystem is a natural unit consisting of all plants, animals and micro-organisms in an area functioning together with all of the non-living physical factors of the environment.



## Recent Publications on Ecosystem:

- [Caries Ecology Revisited: Microbial Dynamics and the Caries Process.](#)  
*In this essay we propose an extension of the caries ecological hypothesis...* 4th October, 2008  
Division of Oral Ecology and Biochemistry, Department of Oral Biology,- Caries Res. 2008 Oct 3;42(6):409-418. ([DOI Direct Link](#))
- [Evaluation of physical, chemical and microbiological properties of lake Uluabat, Turkey.](#)  
*Lake Uluabat, known for its scenic beauty and richness of aquatic life, is...* 4th October, 2008  
Department of Environmental Engineering, Faculty of Engineering and- J Environ Biol. 2008 Mar;29(2):205-10.
- [Acid rain and its ecological consequences.](#)  
*Acidification of rain-water is identified as one of the most serious...* 4th October, 2008  
Ecology Research Laboratory, Department of Botany, Banaras Hindu- J Environ Biol. 2008 Jan;29(1):15-24.
- [Assessment of technical mitigation measures in the ecosystem approach to fisheries management.](#)  
*Acidification of rain-water is identified as one of the most serious...* 4th October, 2008  
Fishing Gear Technology Section, Research Area: Fisheries, Animals- Commun Agric Appl Biol Sci. 2008;73(1):123-6.
- [Increasing litter species richness reduces variability in a terrestrial decomposer system.](#)  
*Debate on the relationship between diversity and stability has been driven...* 4th October, 2008  
Centre for Ecology and Hydrology, Banchory, Aberdeenshire, AB31 4BW,- Ecology. 2008 Sep;89(9):2657-64.
- [Leaf herbivory and decomposability in a Malaysian tropical rain forest.](#)  
*There is accumulating evidence that similar suites of plant traits may...* 4th October, 2008  
Center for Ecological Research, Kyoto University, Hirano, Otsu, Shiga- Ecology. 2008 Sep;89(9):2645-56.
- [Nitrogen effects on decomposition: a five-year experiment in eight temperate sites.](#)  
*The influence of inorganic nitrogen (N) inputs on decomposition is poorly...* 4th October, 2008  
Department of Ecology, Evolution and Behavior, University of Minnesota,- Ecology. 2008 Sep;89(9):2633-44.
- [Benthic algal production across lake size gradients: interactions among morphometry, nutrients, and light.](#)

- Attached algae play a minor role in conceptual and empirical models of...*4th October, 2008  
Department of Biological Sciences, Wright State University, 3640 Colonel- Ecology. 2008  
Sep;89(9):2542-52.
- [Relative and interactive effects of plant and grazer richness in a benthic marine community.](#)  
*The interactive effects of changing biodiversity of consumers and their...*4th October, 2008  
Department of Marine Sciences, University of North Carolina, Chapel Hill,- Ecology. 2008  
Sep;89(9):2518-28.
  - [From individuals to ecosystem function: toward an integration of evolutionary and ecosystem ecology.](#)  
*An important goal in ecology is developing general theory on how the...*4th October, 2008  
School of Forestry and Environmental Studies, Yale University, New Haven,- Ecology. 2008  
Sep;89(9):2436-45.
  - [Trait-mediated effects on flowers: artificial spiders deceive pollinators and decrease plant fitness.](#)  
*Although predators can affect foraging behaviors of floral visitors,...*4th October, 2008  
Programa de Pos-Graduacao em Biologia Animal, Departamento de Zoologia e- Ecology. 2008  
Sep;89(9):2407-13.
  - [PCDDs, PCDFs, PCBs, OC pesticides and mercury in fish and osprey eggs from Willamette River, Oregon \(1993, 2001 and 2006\) with calculated biomagnification factors.](#)  
*The osprey (Pandion haliaetus) population nesting along the main stem...*3rd October, 2008  
U.S. Geological Survey, Forest and Rangeland Ecosystem Science Center,- Ecotoxicology. 2008 Oct  
2. ([DOI Direct Link](#))
  - [Fungal diversity in the rhizosphere of endemic plant species of Tenerife \(Canary Islands\): relationship to vegetation zones and environmental factors.](#)  
*Knowledge about fungal diversity scaling relationships relative to that of...*3rd October, 2008  
1Institute of Environmental Biotechnology, Graz University of Technology,- ISME J. 2008 Oct 2. ([DOI Direct Link](#))
  - [The Timescale of Phenotypic Plasticity and Its Impact on Competition in Fluctuating Environments.](#)  
*Abstract: Although phenotypic plasticity can be advantageous in...*3rd October, 2008  
1. Aquatic Microbiology, Institute for Biodiversity and Ecosystem- Am Nat. 2008 Oct 1. ([DOI Direct Link](#))
  - [Atmospheric input of POPs into Lake Maggiore \(Northern Italy\): PCDD/F and dioxin-like PCB profiles and fluxes in the atmosphere and aquatic system.](#)  
*The delivery and accumulation of PCDD/Fs and dioxin-like PCBs (DL-PCBs) as...*1st May, 2008  
European Commission-DG Joint Research Centre, Institute for Environment- Chemosphere. 2008  
Aug;73(1 Suppl):S122-30. Epub 2008 Apr 28. ([DOI Direct Link](#))

## BioNews Results for Ecosystem

- [BioScience Reviews Biology Books for Young People](#)  
*American Institute of Biological Sciences: Oct 4 2008 4:31AM Matching: ecosystem*
- [Shift in bald eagle diet linked to sea otter decline](#)  
*Genetic Engineering News: Oct 3 2008 2:33PM Matching: ecosystem*
- [BioScience Tip Sheet, October 2008](#)  
*American Institute of Biological Sciences: Oct 2 2008 7:06AM Matching: ecosystem*
- [Experts agree: Environmental standards needed for biofuels](#)  
*Genetic Engineering News: Oct 2 2008 7:27PM Matching: ecosystem*
- [Thinking it through: Scientists call for policy to guide biofuels industry toward sustainability](#)  
*Genetic Engineering News: Oct 2 2008 7:18PM Matching: ecosystem*
- [Beetles get by with a little help from their friends](#)  
*Genetic Engineering News: Oct 2 2008 8:59PM Matching: ecosystem*
- [VCU gets \\$2.6M from National Science Foundation](#)

- East Bay Business Journal: Oct 2 2008 5:54AM Matching: ecosystem*
- [BioScience tip sheet, October 2008](#)  
*Genetic Engineering News: Oct 1 2008 4:51AM Matching: ecosystem*
  - [BioScience tip sheet, October 2008](#)  
*EurekAlert!: Oct 1 2008 4:16AM Matching: ecosystem*
  - [Glimpses of a Hidden Realm](#)  
*American Institute of Biological Sciences: Oct 1 2008 12:33AM Matching: ecosystem*
  - [Entomological Society of America names 2008 award winners](#)  
*Genetic Engineering News: Sep 29 2008 4:44AM Matching: ecosystem*
  - [Field of the future -- ecological experiment simulates conditions in 2100](#)  
*RxPG News: Sep 27 2008 11:40PM Matching: ecosystem*
  - [Of Supply Chains, China, and Marine Ecosystems](#)  
*Medical Device Link: Sep 27 2008 3:35AM Matching: ecosystem*
  - [Marijuana Bill Brings Out Strong Emotions](#)  
*High Times: Sep 27 2008 3:33AM Matching: ecosystem*
  - [Carbon sinks: Issues, markets, policy](#)  
*Genetic Engineering News: Sep 26 2008 4:25PM Matching: ecosystem*

#### Ecosystem Clinical Trials:



- [Effectiveness of Structured Ecosystems Therapy for Reducing HIV Risk Behaviors and Improving Treatment Adherence in HIV Infected Men Released From Prison](#)  
*HIV Infections; Acquired Immunodeficiency Syndrome*

#### Ecosystem Patents:



- 7369229- [Spectral imaging system](#)
- 7383502- [Packages that contain pre-paginated documents](#)
- 7385936- [Design of communications networks](#)
- 7386209- [Large mode area fibers using higher order modes](#)
- 7386513- [Networked services licensing system and method](#)
- 7392746- [Bullet composition](#)
- 7393551- [Denatured carob flour \(DCF\) with a low content of soluble tannins and sugars, meant for human consumption and process to obtain it](#)
- 7394178- [Generator rotor structure](#)
- 7396470- [Treatment of environmental pollutants with mineral ores](#)
- 7400057- [Omni-directional wind turbine](#)
- 7401036- [Free-market environmental management system having insured certification to a process](#)

[standard](#)

- 7383500- [Methods and systems for building packages that contain pre-paginated documents](#)
- 7381798- [Recombinant antibody recognizing dioxin and gene encoding the antibody](#)
- 7374924- [Use of selected lactic acid bacteria for reducing infantile colic](#)
- 7375069- [Method for masking and removing stains from rugged solid surfaces](#)
- 7375080- [Immobilized lactoferrin \(Im-LF\) antimicrobial agents and uses thereof](#)
- 7378021- [Tidal vertical flow wastewater treatment system and method](#)
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- 7378104- [Delivering substances to invertebrate organisms](#)
- 7378268- [Endophytic camptothecin and camptothecinoid producing fungi and process of producing the same](#)
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