

GENERAL INFORMATION

Abstracts have been taken directly from source documents like primary periodicals, research reports, seminar proceedings, standards and patents. Reviews and informatic articles contributed by the subject specialists are also included. Abstracts are broadly classified and arranged under the following heads:

Environmental Management

Includes Government policies, planning programmes, regulations and legislations; international agreements; impact assessments; environmental education, environmental law and legal actions; sustainable development; siting of industries; clean technologies, eco-development and ecosystem management; and managerial aspects of forestry, biosphere, conservation, waste and wildlife.

Air Pollution

Includes detection, monitoring and chemical analysis of air pollution control equipment and engineering measurements and standards of industrial and automotive emissions and common air quality parameters; odours, acid rains, thermal discharge, gas and particulate emission; climate change, greenhouse effect, ozone depletion; chemical and biological aspects of air pollution; radioactive fall out, radiation levels and their effects; and effects of air pollutants on soil, plants and animals.

Water Pollution

Includes all aspects of fresh water pollution (including ground water), pollution of water bodies, chemical and biological contaminants, marine pollution; detection, monitoring and chemical analysis of water pollutants.

Noise Pollution

Includes noise levels and effects from domestic, construction, urban, industrial, transportation and other sources; acoustic measuring and instruments; noise surveys and standards.

Ecology

Includes interaction between microbes, plants and animals and their environment, which are primarily affected by climate, water resources, soil and man; ecosystem studies; ecology of grasslands, woodlands and wetlands; and zones and high altitude environments; coastal ecosystem, mangroves, aquatic ecosystem, fresh water, river basins, brackish water, marine, estuarine and soil ecology.

Nature and Natural Resources Conservation

Includes all aspects of conservation of the flora, fauna, genetic resources, water, soil and ecosystem,

Health and Toxicology

Includes toxicology of pesticides, heavy metals, industrial and agricultural chemicals and other environmental contaminants; effects of toxic materials. fertilizers, pesticides, etc. on human, animals, plants and soil; contaminants measurement and methodology; occupational and public health; use and transportation of hazardous materials; industrial accidents and safety.

Wastes

Includes collection, treatment, disposal, reuse and recycling of agricultural, animal, industrial, municipal and domestic wastes; procedures, engineering, plant operation and quality control methods applied in such processes and other aspects of waste management.

Forestry

Includes afforestation, including social forestry and energy plantation; deforestation; ecology and management of forests; influence of forest on the physical environment; protection of forests; soil conservation and erosion of forests; watershed/catchment management; endangered and threatened plant species.

Wildlife

Includes wildlife management and conservation; study of animal habitats, game preserves, bird sanctuaries, natural areas and refuges; endangered and threatened animal species; animal behaviour, damage and predation of and by mammals; marine animals, birds, amphibians and reptiles, fish etc., and environmental impacts on wild life.

Energy

Includes general environmental impact of energy development and utilisation.

Plant and Pollution

Includes responses of the plants to various pollutants; plants as pollution indicators; and Bio-pollutants from plant species.

Abstract Format

The format of the abstract is as follows:

Abstract number: The numbers of the Abstract appears at the entry, Year of publication is indicated by the first two digits and issue number by the next two digits (e.g. 9803) indicating issue number 3 of 1998. The serial number of abstract is indicated by the succeeding digits as 001.

Authors: Names of the authors are given in the order in which they appear in the original document. These names are given in succession, in inverted style (surname followed by initials).

Address of the author: Address of the author is given in parentheses at the end of the names of all the authors. When the address of any other author is given it is indicated by an asterisk mark. For abbreviations used in these addresses, see the "List of the abbreviations used".

Locus: Abbreviations of documents cited in the Paryavaran Abstracts are adopted from the "List of abbreviations used". These titles are followed by volume number, issue, number, and the year of publication inclusive pagination. Number of references cited in it are given in square brackets. Late publication or receipt of a document is indicated in parentheses.

Keywords along with contexts are selected by the editors and alphabetization and consolidation of entries are done on computer. There is no vocabulary control in the index, entries are chosen from the words used by the author.

**ABBREVIATIONS
USED IN
ADDRESSES ANC
CITED
JOURNALS**

Abbreviation	Word	Abbreviation	Word
Acad	Academy	Centl	Central
Adm	Administration	Chem	Chemistry
Admn	Administrative	Cheml	Chemical
Adv	Advance	Clinl	Clinical
Agric	Agriculture	Co	Company
Agricl	Agricultural	Coll	College
Amer	American	Comm	Committee
An	Annual	Commn	Commission
Analyt	Analytical	Comp	Comparative
Anat	Anatomy	Conf	Conference
Anim	Animal	Conv	Convention
Ann	Annals	Conserv	Conservation
Appt	Applied	Contl	Control
Arch	Archives	Contain	Contamination
Archaeo	Archaeology	Corp	Corporation
Archaeol	Archaeological	Coun	Council
Architect	Architecture	Cult	Culture
Assoc	Association	Cultl	Cultural
Asst	Assistant	Curr	Current
Atom	Atomic	Dept	Department
Bacterio	Bacteriology	Dev	Development
Bacteriol	Bacteriological	Develop	Developmental
Bd	Board	Dig	Digest
Bio	Biology	Div	Division
Biochem	Biochemistry	Divl	Divisional
Biocheml	Biochemical	Dte	Directorate
Bioengng	Bioengineering	Dy	Deputy
Abbreviation	Word	Abbreviation	Word
Biometeo	Biometeorology	Ecol	Ecological
Biophys	Biophysics	Econ	Economics
Biometeol	Biometeorological	Ecosys	Ecosystem
Biotech	Biotechnology(s)	Exotoxico	Ecotoxicology
Biotechno	Biotechnology	Endocrinol	Endocrinologic
Biotechnol	Bitechnological	Engng	Engineering

