

PRELIMINARY PROGRAMME - 3rd International Conference on Environment and Health

Session Rooms in University of Madras

Session A: F50 (Senate Hall) - Centenary Building

Session C: Seminar Hall, Department of Ancient History

Session B: F37 (Anthropology Lecture Hall) - Centenary Building

Session D: Ground Floor, end room, Department of Criminology

Inauguration/Valedictory/Plenary with Lead Papers

NOTE: See the associated schedule for session dates and times

Oral Paper Sessions

Poster Driven Seminar Paper Sessions

Monday, 15 December 2003

Inauguration

Dr. V. Madha Suresh	Welcome
Dr. S. P. Thyagarajan, Vice Chancellor, Madras	Presidential Address
P. M. Belliappa, I.A.S. Retd., former Chairman, Tamil Nadu Pollution Control Board, India & UN Expert on Environment	Keynote Address
Dr. C. Chandramouli, I.A.S., Director, Census Operations, Chennai	Slum Environment in Chennai
Mr. Raj Murthy, Environment Canada	Introduction to Karnataka Environment Research Foundation, (KERF)
Dr. Martin Bunch, York University, Canada	Comments on Conference Organisation
Dr. T Vasantha Kumaran, University of Madras	Vote of Thanks

Session 1A Plenary Session with Lead Papers

R.P. Singh, Deputy Director General of Census, India	Lead Paper
Dr. D. D. Joshi, National Zoonoses and Food Hygiene Research Centre, Nepal	Lead Paper - Urban Ecosystems and Health in Kathmandu: Community-based biological assessment of drinking water Sources
Dr. V. Sudarsen, Dept of Anthropology, University of Madras	Lead Paper

Session 2A Special Interest Group - Coastal Environmental

Invited Speaker - Dr. Raj Murthy	Coastal marine pollution and human health
G.Y.V. Victor	Coastal zone management: A Prospective Approach
M. Jayaprakash	Effects of heavy metals on human health: A case study from the tropical urban estuary, North of Chennai, Tamil Nadu
E. Padmini	Heavy metal contamination of grey mullets of estuarine Environment in Chennai region
L.K. Sekhar and S.K. Jayadev	Karimanal (Black Sand) Mining – A peoples perspective
R. Krishnamoorthy	The challenges towards coastal environmental management – Experiences from Chennai coast
V. Parimala	Studies on the use of agricultural waste material for the Removal of nitrogenous toxicant coastal water
T.A. Rubeena	Aquaculture and environmental degradation in Mamallapuram coast, Southern India
A. Surendran	Remote Sensing to Map Ecosystems – A Case Study in Interview Island, Andaman, India
V. Kaviyaranan	Mushroom spent compost – An efficient bioremediation and bio control carrier agent

Session 2B Water Quality

Karla J. Biagioni	The Public Health Effects of Abandoned Coal Mine Workings On Residents in South Wellington, Nanaimo, Canada
Massoud A.H. Saad	Copper speciation in the Sediments of the polluted Eastern Harbour of Alexandria, Egypt
S.V. Lingeswara Rao	Fluoride in Drinking Water and its Hazard to Human Health

Session 2C Air Pollution - Poster Driven Seminar (PDS)

B. Vijay Bhaskar	Outdoor Air Quality and Health Effects-A Case Study
Gandhimathi	It Is Getting Difficult to Breathe. "Air Pollution" The Greatest Threat in Future
Suman Gulati	Air Pollution and Respiratory Illness
Mrs. G. Indra	Air Pollution and Respiratory Illness
R. Muthaiyan	A Study of the Awareness Towards Air Pollution and Respiratory Illness Among Students in Perambalur District
R. Saravanan	Chemical Constituents as Atmospheric Pollutants and its Biological Hazards to Human Health
Dr. Mrs. Allirani Thyagarajan	Air Pollution and respiratory illness
C. Jothi Venkateswaran	Computing Techniques and Geographic Information System in Air Quality Modeling

Session 2D GIS and Remote Sensing (PDS)

Harish.M	Identification and Management of Road Accidents in Mysore City Using Geographic Information System (GIS)
Muralidharan.K.V	Geoenvironmental Assessment of Groundwater Pollution using Geographic Information System in and around Tiruvottiyur-manali Areas of North Chennai, South India
N. Muthusamy	Environmental Impact Assessment for Urban Planning and Development using GIS
K. Nagamani	Landuse/Landcover Changes in Pondicherry Using Remote Sensing and GIS
R. Narayanakumar	Application of Remote Sensing in The Environmental Degradation Analysis of Oussudu Lake - Pondicherry, India
S. K. Vadiyar & R.B. Bansode	Spatial Patterns of Infant Mortality Rate and its Correlates with Poverty and Illiteracy in India

Tuesday, 16 December 2003

Session 3A Air Pollution

Gbètoho M. Joachim Boko	Air Pollution and Respiratory Diseases in African Big Cities: the Case of Cotonou in Benin
Nikolay V. Sokolov	Air Pollution by Dispersed Particles and Respiratory Illness
Chandralatha Senarath	An Overview of Air Pollution and Respiratory Illnesses
Chakradhar Behera	Yogic Treatment in Respiratory Illness Caused by Air pollution
Dr.Sripriya Krishnan	Yoga – A Remedy To Respiratory Illness

Session 3B Slums and Disease

V.Ganapathy	Local Environment of Slum areas and Human Health
Ravinder Kaur	Slums in a Planned City: Some Environmental Concerns (A Case Study of Chandigarh)
Dr. Krishnan Chand Ramotra	An Appraisal of Housing and Health Status of Slum-Dwellers of Kolahapur City
M. Mary Jee Jee Cruz	METALLOTHIONEIN AS AN IMMUNOMODULATOR IN LEPROSY
Mohammed Akhter Ali	Migration, Slums and Urban Squalor – A Case Study of Gandhinagar Slum

Session 3C Water Quality and Human Health

Dr. K. Govindarajalu	Industrial Effluent and Health Status – A Case Study of Noyyal River Basin
Dr. D. Rudrappan	Environmental Management for Health Security – A Case Study
Nagendra Rao. C.R.	Fluoride and Environment – A Review
Prof. Chaya Degaonkar	Evolving Health Caring Urban Water supply and Sanitation – Public Private Partnerships in a Developing Economy

Session 3D Slums and Vector-borne Diseases - PDS

S.Haripriya	Outcomes of Environmental Distress on Health Status of the Slum Population
Dr. B. Chandrashekar	Geographical Analysis of Malarial Resurgence: A Case Study of Mangalore, Karnataka
Dr. K.Krishnaiah	Tirupati City with Many Slums: An Ill Health Environment to the Pilgrimage Centre
Dr.K.Pari Murugan	Slums in Chennai Metropolitan City - A Case Study of Annai Sathya Slum
S.Sundari	Quality of Life of Migrant Households in Urban Slums
Vadrevu Sujatha	Environmental Care in the Control of Filarisis – a Case Study
Prashanthi Devi.M.	Use of Remote Sensing and GIS for Monitoring the Environmental Factors Associated with Vector-Borne Disease (Malaria)

Session 4A Ecosystem Approaches to Planning and Management

Dr. Martin J. Bunch	Environment and Health in Chennai India: An ecosystem approach to managing the urban environment for human health
Comfort Hassan	Urban Management and Implications for Environmental Quality
R. Ilangoan	Ecosystem Approaches to Planning and Management
Ms Dhenuka Srinivasan	Managing environmental health in India: missing institutional links
Dr. B.K. Tulasimala	Urban Environmental Planning and Management in India – Strategies and Issues

Session 4B Vector Borne and Water Borne Diseases

Dr. D. Thulasimala	Dengue Vectors in Chennai City
A. Manimaran	Studies on the bioefficacy of Clove (<i>Myrtus caryophyllus</i> ,L.) and orange (<i>Citrus sinensis</i> , (L) Osbeck) oils against the human vector mosquitoes <i>Anopheles stephensi</i> (Liston), <i>Culex quinquefasciatus</i> (Say), <i>Aedes aegypti</i> (L.)
B.Hema Malini	Spatial Patterns of Malaria Incidence in Orissa State – A Geographical Perspective
Priyadarshini	Water Quality and Water Borne Diseases – An Overview
Sumit Mukherjee	“Water as a Chemical” Environmental Attributes to Acute Diarrhoeal Diseases in Meghalaya

Session 4C Water Quality (PDS)

S.Anbukumar	Toxicity – As a Parameter for Control of Water Pollution in Industries
R.J. Gokilaa	A Fruitful Turned Dreadful
Kannan S.	Physico-Chemical Features of Peiyar Lake – A GIS Approach
N.K.Kuttiappan	Assessment of Prevailing Water Sourcing, Supply, Distribution and Sanitation Measures in a Typical Housing Project – A Case Study
A. Manivannan	An Experimental Study of Water Quality and Waterborne Diseases in Ariyalur TK, Perambalur DT, Tamil Nadu
Jitendra Kumar Pattanaik	Water Quality Monitoring
N. Muthukumaran	Wastewater Treatment and Management in Urban Areas – A Case Study of Tiruchirappalli City, Tamil Nadu, India

Session 4D Transportation and Noise Pollution (PDS)

Harikrishna M	Stochastic Analysis for Vehicular Emissions on Urban Roads – A Case Study of Chennai
Dr. A. S. Rayamane	Impact of Population Growth and Transport System on Environment : A Case Study of Bangalore City, Karnataka
G.Muthu	“The Capital” Punishment – A Study on the Occupational Health Hazards of Chennai City Traffic Police Personnel
Chikkarangaswamy	Urban Planning and Environmental Management for Human Health- Transportation
K. Parvathi	Studies on Control of Noise from Portable Power Generator
D. Prince Annadurai	Noise Pollution And Its Effects On Health In Chennai City

Session 5A Public Participation

Dr. T. Vasantha Kumaran	Socio-Cultural Norms and Community Perceptions on the Sustainability of Rural Water Supply and Sanitation: A Case Study in Tamil Nadu, India
May Chazan	Community Empowerment as a Means of Health Promotion: Reducing Human Vulnerabilities to Cumulative Global Changes and Shifting Powers
Dr.A.Karuppaiah	Environmental Improvement – Innovative Strategies and Approaches Adopted in a Comprehensive Community Health Development Programme
Elizabeth Finnis	Preliminary Notes: A Gendered Approach to Water Resource Management/Development and Food Security in the Kolli Hills
Thiru S.R.Rajendhiren	Community Based Environment Projects

Session 5B Solid Waste Management

Papiya Sarkar & Rajesh	Solid Waste Management in Delhi: A Social Vulnerability Study
E.S.M.Suresh	Strategic Planning Using GIS for Solid Waste Management Practices of Chennai City
T.N.Venkatasubramanian	Urban Environmental Governance: Moving Towards Sustainable Municipal Solid Waste Management Practice in the Developing Countries
Dr.T.Nagasundaram	Easy Disposals of Solid Wastes

Session 5C Solutions to Environment and Health Issues (PDS)

Q. Ashoka Chakkaravarthy	An Ecological Approach To Environmental Quality - Consider The Totality Of The Environment with Man as Part of an Ecosystem
Kalyani Kenneth	Health Promotion and the Practice of Health Behaviour
Dr. S. Ramaswamy	Renewable Energy Options for Green Environment
N. Subramaniam	Environment and Health in Schools
P. Nila Rekha	Participatory Wastewater Irrigation and Land Use Changes
A. Subramani	Water Quality and Water Management Awareness Through School System
A.Chitra	Role of NGO's in Protecting Environment and Health
B.S.Suresh	Globalisation, Urban Environment, Issues and Challenges

Session 5D Scientific Solutions to Water Quality Issues (PDS)

A. Kalandar	Phytoremediation of Chromium (VI) from Aqueous Solution Using Tamarinus Indicus
K.Suresh Kumar	Pre-concentration of Lead using Mercapto Sephadex and its Determination with New Cryogenic Agent Spectrophotometry
S. Prabhakar rao	Effectiveness of Oxidising Agent in the Determination of Carbaryl Pesticide
K.M.Reddy	New Spectrophotometric Method for the Determination of Flutamide in Pharmaceutical Preparations using Chromotropic Acid as a Coupling Agent
K. Suvardhan	Determination of Trace Elements by Atomic Absorption Spectroscopy After Preconcentration on a Support Impregnated with Coniine Dithiocarbamate
B. Lokanatha Swaroop	Spectro Fluorometric Determination of Dimethoate Residues in Environmental Samples

Session 6A Industry and Health

Dr. P.H. Anand	Impact of Ground Water Pollution from the Sugar Cane Industrial Effluent in Pudukudisai (Saraukkai Panchayat) Settlement Zone: A GPS Survey Method
K. Kalaiselvi	Health Hazards Related to Textile Dying
Dr.G.Parimala	Vehicle Pollutants and their Impact on Human Health in Chennai City
K. Revathi	Tannery Effluent – A Major Water Pollutant
Dr. Rajendran Shanmugan	Environment and Health Aspects of Pesticide Use in Indian Agriculture

Session 6B Management of Environment, Health and Food Supply

Sudhir Kumar	Population Growth, Biodiversity, Environment and Health
Prof Ali Mohammad	Food Ecology, Food Availability and Human Health in Indo-Gangetic Plain of India
Pravin K. Jha	Implementing health strategies at the community level using a partnership approach
Dr. Debashis Das	Remedial Measures to Combat the Evil Effects of Flood Waterlogging. and Soil Erosion on Agriculture - A Case Study
Prof. K.Parthasarathy	Environment Health Management in Municipal corporation of Tamilnadu

Session 6C Solid Waste Management (PDS)

A.Balapushpam	Urban Planning and Environmental Management for Human Health - Transportation of Solid Waste -
Krishna Bharathi.S	Solid Waste Management: Manufacture of Bricks using Textile Sludge
Shri Harsha B S	Generation of Derelict Lands Through Solid Waste Dumping (construction materials) and its Influence on Urban Landuse Management and Urban Spread: A Case Study of Mysore Urban Area
P. Ravi	Health-Care Waste Management
S.Saravanan	Biodegradation of Fruit Waste - Aerobic Composting
V. Surekha	Household Waste
I.Sathish. V	A Sustainable System for Solid Waste Treatment – Vermiculture

Session 6D Water Quality and Disease (PDS)

Dr. C. Namasivayam & D. Kavitha	Design of Pentachlorophenol Removal From Wastewater Using Adsorption Methodology
N. Ramakrishnan	Bio-Monitoring Approaches for Water Quality Assessment
Mazher Sultana	Microbial Pollution of Double Lake (Erattai Eri), Chennai
Ms. S. Jayalakshmi	Some Important Studies on Waterborne Diseases
Rolee Kanchan	Infectious Disease in an Urban Agglomeration
Nagarajan.V	Consumer Health Protection
Oswal, P	Changing Status of Urban Water Bodies and associated health concerns in Pune, India
C.Sheela Sasikumar	Environmental Management: Bioremediation of Polluted Environment

Wednesday, 17 December 2003

Session 7A Solid Waste Management

Rolee Kanchan	Solid Waste Disposal: Its Effect on Environment and Human Health
M. K. C. Sridhar	Healthcare Wastes and Their Infection Potential: A Nigerian Urban Experience
Dr. V. Mohandasundaram	The Environmental Implications and Economic Issues in Bio – Medical Waste Management in Urban Coimbatore, Tamil Nadu, India
Dr. D.Senthil Kumaran	A Typical Zero Waste Plan for Solid Waste Management
Dr. N. Rajalakshmi	Solid Waste Management with Reference to Chennai

Session 7B Health and Pollution

A. Balasubramaniam	In Vitro Antimycobacterial Activity of Indian Medicinal Plants Used in Respiratory Diseases
T.T. Sreelekha	Impact of Environmental Pollution on Carcinogenesis
A.Sukumar	The Relative Levels of Mercury and Selenium in the Seafood and Blood of Students
Dr. S. Thavamani	Pollution Causing Health Disorders in S.V.Nagar, Tirupati; A Clinical Survey
Dr Jayam	Health Care

Session 7C Industry and Transportation (PDS)

Senthil Rajendran	Sustainable Transport – The Social and Environmental Nexus
M.Palanivel	Impact of Foundry Units on Coimbatore Environment
S.Latha	Effect of Tannery Effluents on Ground Water Quality and its Impact on Human Health – A Study using GIS in Dindigul Panchayat Union, Tamilnadu
P. Christina	Impact of Coir Pith recycling on Human and Ecology
P.Sujatha	Impact of Transportation on Health: Focus on Road Accidents
Prof. M.V. Joshi	The Powerloom industry and health hazards: a study of Ichalkaranji City of Maharashtra, India
T. Manoj	Effect of Sago Effluent on Rhizobium in Induced Growth and Metabolism of Arachis Hypogea (Groundnut)
Mr. Jitendra mohan Mishra	Revitalisation of rural areas through tourism

Session 7D Social Aspects of Environment and Health (PDS)

V.L.N. Dash	AIDS Awareness Amongst the Commercial Sex Workers: An overview
Mr. Jitendra mohan Mishra	Revitalisation of Rural Areas Through Tourism
Dr.Giorgi Pkhakadze	Rural Migration and Public Health Concern in Nepal
Dr. Farasat Ali Siddiqui	Population Growth and Environmental Challenges in India
Tmt.G.Kasthuri Bai	Social Environment and Health Problems-A study on the Sri Lankan Tamil Refugees in Coimbatore district, Tamilnadu, India
Dr. S. Arun Das	Urban Kitchen (Road Side) and the Urban Health

Session 8A Ecosystem Approach, Complexity and Indicators

A. Kesavan	Urban Planning and Environmental Management for Human Health
S. Thirunavukkarasu	Ecosystem Approach to Management of Drinking Water Supply Head Works
Patwardhan, A	Assessing Ecosystem Health Indicators in Pune City, India
M.G.S.M. Zaffar Sadiq	Public Health Management Using Spatial Information System

Session 8B Noise Pollution and Transportation and others

Dr. K.S.Vijayalakshmi	Urban Planning and Environmental Management for Human Health
Dr. S. Arun Das	Achieving Sustainability and Efficiency in the Public Transportation: A Model for Mysore City Public Transportation System
K.T. Bency	A Study on Air Pollution Related Human Diseases In Thiruvananthapuram City, Kerala
Dr. S. Rajendran	Environment and Health Aspects of Pesticide Use in Indian Agriculture
Dr. P.K.Panigrahi	Modeling Environment Pollution Information System Application Using Fuzzy Object-Oriented Data Model Approach

Session 8C Management of Environment and Health (PDS)

Reeni Samuel	Non-Governmental Organization (NGOs) Spearheading Public Participation in Environmental Issues
Sheeba V	Public Participation in Management of Environmental and Health Problems
Dr. J. Uma	Optimum Utilisation of Health Care in Chennai
Arun Prasad Raja	Protected Areas in Urban Environment – a Case Study of Chennai
K.V. Kannan	Pollution Prevention
R.Santhi Devi	Environmental Problems and Awareness in Kumbakonam Town, Thanjavur District

Session 9 Plenary Session with Lead Papers

B. Dhanraj, Senior Entomologist, Corporation of Chennai	Lead Paper
Dr. C. Namasivayam	Removal of Organics and Inorganics from Wastewaters Using Indigenous Sources: Agricultural Solid Wastes
Mr. G. Balan Samson, Indian Forest Service	Lead Paper

Valedictory Session

Dr. R. Thandavan, Dept of Public Affairs, University of Madra Presiding	
Dr.C. Palanivelu, President, Indian Geographical Society	Valedictory Address
Dr. Martin J. Bunch	Comments on Conference Organisation
Dr. V. Madha Suresh	Vote of Thanks