

## SYMPOSIUM ORGANISING COMMITTEE (SOC)

*Lake 2006: Call for Papers*



**Lake 2006: Symposium on  
Environment Education & Ecosystem Conservation  
28-30<sup>th</sup> December 2006  
Rustom Choksi Hall,  
Indian Institute of Science, Bangalore 560 012**

### ORGANISED BY

Energy & Wetlands Research Group, CES, IISc, Bangalore  
Karnataka Environment Research Foundation [KERF], Bangalore  
Commonwealth of Learning, Canada  
K.K. English School, Varthur  
Vidya Niketan Public School, Ullal, Bangalore 560 056

### ENVIRONMENT EDUCATION & ECOSYSTEM CONSERVATION

Conservation of natural resources through sustainable ecosystem management and development is the key to our secured future. The degradation of our environment is linked to continuing problems of pollution, loss of forest, solid waste disposal, and issues related to economic productivity and national as well as ecological security. Currently, it is even more critical than ever before, for the humankind as a whole to have a clear understanding of environmental concerns and to follow sustainable development practices. Environmental issues make better sense, when one can understand them in the context of one's own cognitive sphere. Environmental education focusing on real-world contexts and issues often begins close to home, encouraging learners to forge connections and understand their immediate surroundings. The awareness, knowledge, and skills needed for these local connections and understanding provide a base for moving out into larger systems, broader issues, and a more sophisticated comprehension of causes, connections, and consequences. To realise this vision, both ecological and environmental education must become a fundamental part of the education system at all levels of education. Environmental management has gained momentum in recent years with the initiatives focussing on managing environmental hazards and preventing possible disasters.

Dr. T.V. Ramachandra	CES, Indian Institute of Science
Dr. N.V. Joshi	CES, Indian Institute of Science
Dr. Krishna Alluri	Commonwealth of Learning, Canada
Dr. K.V. Gururaja	CES, Indian Institute of Science
Dr. C. Rajasekara Murthy	Environment Canada, Canada
Dr. Jaya Naithani	ASTR, UCL, Belgium
M. A. Khan	Principal, K.K. High School, Varthur
N Ahalya	CES, Indian Institute of Science
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Uma Mohan	Jayanagar, Bangalore 5600 69
Snehalatha V. Kumar	Vidya Niketan Public School, Ullal

Queries regarding the programme/exhibition, should be addressed to

### Dr. T.V. Ramachandra, Convenor-Lake 2006

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Indian Institute of Science, Bangalore 560 012, India

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### DATES TO REMEMBER

Submission of Abstract and Registration form	17 <sup>th</sup> November 2006
Acceptance of Abstract	20 <sup>th</sup> November 2006
Receipt of Full length papers	4 <sup>th</sup> December 2006
Notification of Acceptance of Papers (on web)	15 <sup>th</sup> December 2006
Conference	28-30 December 2006

Environmental Education will help to recognise the importance of investigating the environment within the context of human influences, incorporating an examination of economics, culture, political structure, and social equity as well as natural processes and systems. The ultimate goal of environmental education is to develop an environmentally literate public. It needs to address the connection between our conception and practice of education and our relationship as human cultures to life-sustaining ecological systems. In this backdrop, Lake 2006 focussing on Environment Education and Ecosystem Conservation would bring in awareness among school students, teachers and public. The main objective of the symposium is to bring out the current trends in ecosystem conservation, restoration and management including the hydrological and the biophysical aspects, the peoples participation and the role of non-governmental, educational and the governmental organisations and future research needs for restoration, conservation and sustainable management. This also provides a forum for researchers, technologists, economists, sociologists and others to meet and discuss water related issues. This symposium will:

- introduce the major types of ecosystems - characteristics, diversity and importance;
- describe the main physical and biological processes important in several major types of ecosystems, and their consequences for community structure and function;
- outline some problems of management and conservation in terrestrial and aquatic ecosystems.

## SCOPE

Lake 2006 would focus on Environmental Education and Ecosystem Conservation to bring in awareness among school students, teachers and public. As a part of the symposium it has been decided to have paper presentations, presentation of poster and models from school and college students. The schedule of the programme is as follows:

Date	Morning Session	Afternoon Session
28-12-06	9:30 am —Inauguration. 10 to 11:00 am —Guest Lecture. 11:00 to 1:30 pm—Paper Presentations by X Standard Students.	2:00 pm to 2:45 pm—Expert Lecture.  2:45 pm to 6:00 pm—Paper Presentations by IX Standard students.
29-12-06	9:30 to 10:30 am—Expert Lecture. 10:30 to 1:30 pm—Paper Presentations by VIII Standard Students.	2:00 pm to 2:45 pm—Expert Lecture.  2:45 pm to 6:00 pm—Paper Presentation by XI and XII Std. students.
30-12-06	9:30 am to 1:30 pm—Lectures by school and college teachers, invited lectures.	2:00 pm to 3:30 pm—Evaluation of Posters and Models 3:30 pm to 4:00 pm—Concluding session, Valedictory Programme.

## TOPICS

Papers are invited on the following themes from school and college students (VIII – XII students), school and college teachers, researchers, planners, development managers, economists and social scientists. Topics for Paper Presentation/ Poster/ Model in Lake 2006:

1. Ecosystem Conservation.
2. Lakes—Conservation, Restoration, Management.
3. Rivers—Conservation and Management.
4. Forests and Wildlife.
5. Flora—Trees, Shrubs, Herbs, Orchids, Medicinal Plants.
6. Fauna—Amphibian, Reptiles, Mammals, Birds, Butterflies (or Other insects).
7. Environment—Monitoring and Management, Environment education.
8. Pollution—Air, Water—Consequences and Remedial Measures.
9. Urbanisation—Impacts.
10. Energy Conservation, Renewable Energy.
11. Sustainable Agriculture, Organic Farming.
12. Solid Waste Management—Approaches (at home, city, State).
13. Need for Environmental Education in Schools and Colleges.

There are three awards in each category— High School (VIII, IX, X): College (XI and XII): Teachers. Awards for the best paper presentation would include a Certificate and a Memento. The best posters and models would be similarly, awarded.

## EXHIBITION

An exhibition of software and hardware related to Restoration and Monitoring technologies, Geographic Information System (GIS), Global Positioning System (GPS), Remote sensing, Image processing and Cartography, as well as products and services of other organizations and agencies working in the area related to the theme of the conference, will be organised. Organisations / Agencies can participate in the exhibition on payment of fee of Rs.10, 000. Registered agencies would be allowed to make 15 minutes presentation. Interested agencies may contact Dr. T.V. Ramachandra and remit the fee through DD drawn in favour of "*Lake 2006- Environment Education and Ecosystem Conservation*" payable at Bangalore.

## GUIDELINES FOR PAPER PREPERATION

The full text paper (three copies - one original and two photocopies) prepared on Standard Bond Paper (good quality paper) of A4 (210 mm x 297 mm) size, after having been scrutinized and accepted, will be printed as received, by offset process. Therefore, the text of the paper in English must confirm strictly to the following requirements and be free from errors.

Top/bottom margin	25mm (on first page 35mm)
Left/right margin	25mm
Typing area	160 mm x 247 mm (including folio), single space single column
Total pages	8-10 pages including figures, tables, photographs, etc., if any.
Font type	Helvetica/Times Roman/Courier
Title	14 point BOLD CAPITALS
Author's Name	12 point Bold Upper-Lower (Do not prefix name with/Ms./Dr./Prof.)
Affiliation (designation, organisation and place)	11 point italics
Main headings	10 point BOLD CAPITALS
Subheadings	10 point Bold Upper-Lower
Text	10 point normal
Print	Laser Print or letter quality

The paper title, name(s) of author(s), affiliation and address, centre justified, should be typed in a space of 50 mm from the top margin on the first page. The paper should begin with a synopsis of not more than 200 words describing the aim(s) of the work, methods, results obtained and conclusions. Type the headings, subheadings and paragraphs aligned with the left-hand margin. Text justified on both sides is preferred. Use double space between paragraphs, and between section headings/subheadings and paragraphs. Do not number paragraphs, but number section and sub-sectional headings except synopsis, in conformity with established convention. An IBM compatible computer floppy (3.5 inches) in conformity with the above is also required to be sent. The manuscript should be prepared by using Word Perfect 6.0 or Word Star or MS Word (suitable for Windows). Figures should be drawn in black Indian Ink on translucent paper or acetate material (Gateway Tissue) with lettering of appropriate size using stencils. The figures should be placed nearest to the first reference in the text. Photographs on glossy paper may be included, if absolutely necessary. The authors must send brief bio-data (100 words) and the recommendations that they would like to be considered as a part of the conference based on their presentations.

## REGISTRATION

1. Name \_\_\_\_\_
2. Designation \_\_\_\_\_
3. Address \_\_\_\_\_  
\_\_\_\_\_
4. Telephone/Fax Nos. \_\_\_\_\_
5. E.Mail \_\_\_\_\_
6. Telegraphic Address \_\_\_\_\_
7. Presenting Paper    Oral    Yes / No  
                                  Poster        Yes / No        Model    Yes/ No
8. Title of the paper  
(attach a copy of the abstract)
9. Accommodation Required Yes / No
10. Arrival at Bangalore Date and Time

Details: Train Flight

Place and Date:

Date: \_\_\_\_\_ Place: \_\_\_\_\_

Encl: Abstract

***Signature***

PS: School students are required to submit abstract through their institution  
LCD & OHP facilities would be available at Choksi Hall

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   Poster                    Yes / No
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(attach a copy of the abstract)
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Date: \_\_\_\_\_ Place: \_\_\_\_\_

Encl: Abstract

**Signature**

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