



# Sahyadri: Western Ghats Biodiversity Information System CES, IISc, Bengaluru



**ENVironmental Information System [ENVIS]**  
CES, Indian Institute of Science, Bangalore


**Sahyadri: Western Ghats Biodiversity Information System**


Communication      ENVIS Team




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- ENVIS >
- Envis@CES >
- NIC, Other Ministeries >
- Environmental Info. Sys >
- Sahyadri >
- Sahyadri: Databasu >
- Sahyadri E- news >
- Geospatial Portals >
- Sustainable Development >
- Books & Reports >
- Digital Libraries >
- Publications >
- Training Programme >
- Lake Symposium >
- GRASS Mirror site >
- Open Source Softwares >
- Contact Information >





**NEW** Messages from The MoEFCC & Ministers



Ministry of Environment, Forest & Climate Change

**001605820**

Visitors

<a href="#">E-mail</a>	<a href="#">Sahyadri</a>	<a href="#">ENVIS</a>	<a href="#">Energy</a>	<a href="#">GRASS</a>	<a href="#">CES</a>	<a href="#">IISc</a>	<a href="#">E-mail</a>
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**ENVironmental Information System [ENVIS]**  
CES, Indian Institute of Science, Bangalore

**Sahyadri: Western Ghats Biodiversity Information System**

Communication      ENVIS Team



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- ENVIS >
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- Sahyadri >
- Sahyadri: Databasu >
- Sahyadri E- news >
- Geospatial Portals >
- Sustainable Development >
- Books & Reports >
- Digital Libraries >
- Publications >
- Training Programme >
- Lake Symposium >
- GRASS Mirror site >
- Open Source Softwares >
- Contact Information >





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# Sahyadri E-Newsletters



Year	Issue No	Title of the Issue
2016	Issue53	<a href="#">Analysis of Land Surface Temperature and Rainfall with Landscape Dynamics in Western Ghats, India</a> <sup>NEW</sup>
2015	Issue52	<a href="#">Rejuvenation &amp; Sustainable Management Of Gokarna Temple Pond - Kotisertha</a>
	Issue51	<a href="#">Conservation of Wetland Biodiversity</a>
	Issue50	<a href="#">Monitoring Wetlands by Network of Students and Teachers</a>
	Issue49	<a href="#">Conservation and Sustainable Management of Wetland Ecosystems Across India</a>
2014	Issue48	<a href="#">LAKE 2014 : Conference on Conservation and Sustainable Management of Wetland Ecosystems in Western Ghats</a>
	Issue47	<a href="#">Land use dynamics and Floral diversity of Southern Montane Wet Temperate Forests in Chikmagalur, Central Western Ghats, India.</a>
	Issue46	<a href="#">Honeybee Diversity, Role in Pollination and Beekeeping Scenario in South Indian Western Ghats</a>
	Issue45	<a href="#">Sustainable Decentralised Green Energy Options for Western Ghats</a>



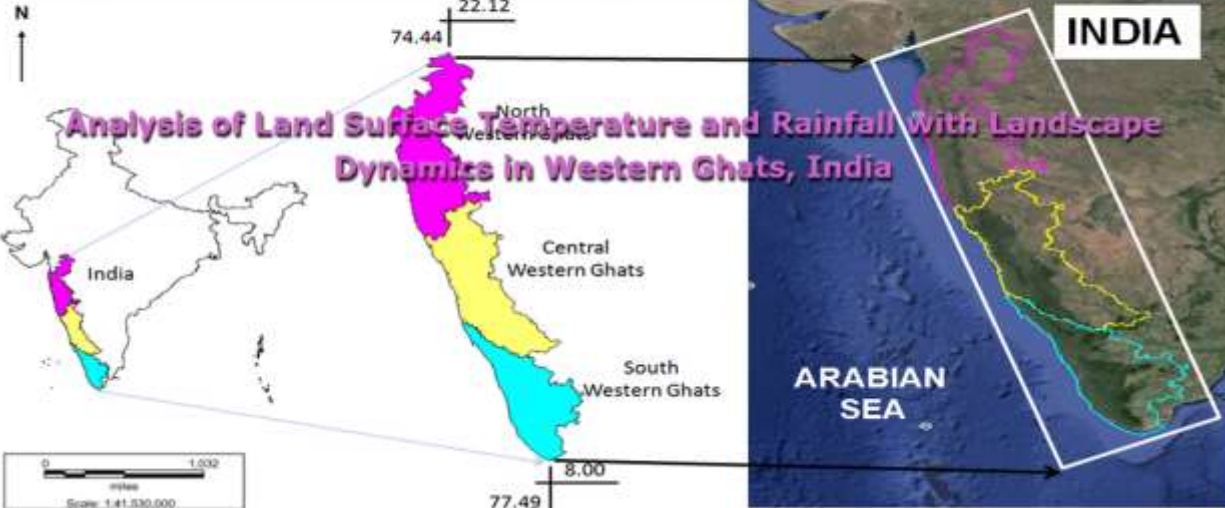
**SAHYADRI E-NEWS: Issue LIII**  
**Sahyadri: Western Ghats Biodiversity Information System**  
 ENVIS @CES, Indian Institute of Science, Bangalore



Back
Next

[Introduction](#) | [Articles](#) | [News](#) | [Bibliography](#) | [Forum](#) | [Announcement](#) | [Books](#) | [Reports](#) | [Poetry](#) | [Experts](#) | [E-Links](#) | [Editors](#)

Issues: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#) [17](#) [18](#) [19](#) [20](#) [21](#) [22](#) [23](#) [24](#) [25](#) [26](#) [27](#) [28](#) [29](#) [30](#) [31](#) [32](#) [33](#) [34](#) [35](#) [36](#) [37](#) [38](#) [39](#) [40](#) [41](#) [42](#) [43](#) [44](#) [45](#) [46](#) [47](#) [48](#) [49](#) [50](#) [51](#) [52](#)



E-mail
Sahyadri
ENVIS
Energy
GRASS
CES
IISc
E-mail



[Back](#)

[Next](#)

[Introduction](#)

[Articles](#)

[News](#)

[Bibliography](#)

[Forum](#)

[Announcement](#)

[Books](#)

[Reports](#)

[Posters](#)

[Experts](#)

[E-Links](#)

[Editors](#)

Issues [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#) [17](#) [18](#) [19](#) [20](#) [21](#) [22](#) [23](#) [24](#) [25](#) [26](#) [27](#) [28](#) [29](#) [30](#) [31](#) [32](#) [33](#) [34](#) [35](#) [36](#) [37](#) [38](#) [39](#) [40](#) [41](#) [42](#) [43](#) [44](#) [45](#) [46](#) [47](#) [48](#) [49](#) [50](#) [51](#)



## Rejuvenation & Sustainable Management Of Gokarna Temple Pond - Kotiteertha

[http://www.iiit.ac.in/biodiversity/sahyadri\\_news/newsletter/issue52/article/index.html](http://www.iiit.ac.in/biodiversity/sahyadri_news/newsletter/issue52/article/index.html)

[Energy](#)

[GRASS](#)

[CPS](#)

[IISc](#)

[E-mail](#)



[Back](#)

[Next](#)

[Introduction](#)

[Articles](#)

[News](#)

[Bibliography](#)

[Forum](#)

[Announcement](#)

[Books](#)

[Reports](#)

[Posters](#)

[Experts](#)

[E-Links](#)

[Editors](#)

Issues [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#) [17](#) [18](#) [19](#) [20](#) [21](#) [22](#) [23](#) [24](#) [25](#) [26](#) [27](#) [28](#) [29](#) [30](#) [31](#) [32](#) [33](#) [34](#) [35](#) [36](#) [37](#) [38](#) [39](#) [40](#) [41](#) [42](#) [43](#) [44](#) [45](#) [46](#) [47](#) [48](#) [49](#) [50](#)



## Conservation of Wetland Biodiversity

[E-mail](#)

[Sahyadri](#)

[ENVIS](#)

[Energy](#)

[GRASS](#)

[CPS](#)

[IISc](#)

[E-mail](#)



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FLORA

FAUNA

BIBLIOGRAPHY

BIODIVERSITY

BIBLIOGRAPHY VERSION 1



ENVIS TEAM

DESIGN TEAM



Home

Sahyadri

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**Sahyadri: Western Ghats Ecology and Biodiversity**  
**WELCOME TO ENVIS @ CES, IISc**  
<http://ces.iisc.ernet.in>  
<http://wgbis.ces.iisc.ernet.in/biodiversity>

Environmental Information System  
 Centre for Ecological Sciences [CES]  
 Indian Institute of Science,  
 Bangalore 560012, India.

Tel: 91 - 80 - 2360 0985 / 2293 3099 / 2293 2506 / 2293 2785 / 2293 2786  
 Fax: 91 - 80 - 2360 1428 / 2360 0085 / 2360 0683 [CES - ENVIS]

Email: [envis@ces.iisc.ernet.in](mailto:envis@ces.iisc.ernet.in),  
[wgbis@ces.iisc.ernet.in](mailto:wgbis@ces.iisc.ernet.in)

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## Energy and Wetlands Research Database

Filter

ID	no	title	author	year	reference
62001	62160	Blending technology for smarter applications.	Aviad Almogor	2015	Geospatial World Volume (05) Issue (11) 48-49 (2015)
62000	62179	Data assimilation The Missing Ingredient	David Jonas	2015	Geospatial World Volume (05) Issue (11) 42-45 (2015)
61999	62178	Moving towards a smart future	Eric Woods	2015	Geospatial World Volume (05) Issue (11) 35-36 (2015)
61998	62171	Food resource exploitation in ladybirds: consequences of prey species and size.	Debn Deepak Chaudhary, Bhupendra Kumar, Geetanjali Mishra and Omkar.	2016	Current Science Vol. 110 (7) 1343-1349 (2016)
61997	62170	Importance of agriculture and crop residues in carbon sequestration and nutrient enrichment at agricultural farms of East Kolkata Wetland area, a Ramsar site.	Sudn Pai, Buddhadeb Chattopadhyay and Sutrna Kumar Mukhopadhyay.	2016	Current Science Vol. 110 (7) 1330-1337 (2016)
61996	62169	Characterization of carbohydrates and proteins in <i>Phaenicia</i> minor seeds by Coriell net carbohydrate and protein system.	Jasmine Kaur and S.S.Thakur	2016	Current Science Vol. 110 (7) 1324-1329 (2016)
61995	62168	A new approach for tracking moving objects in underwater environment.	M.N.V.S.S. Kumar, Naganani Madhavadasa, L.Ganesh, K.Satyra Prasad and G.Sankrshana Rao.	2016	Current Science Vol. 110 (7) 1315-1323(2016)
61994	62167	Climatic and non-climatic factors influencing changing agricultural practices across different rainfall regimes in South Asia.	Gopal Datt Bhutta, Pramod Kumar Aggarwal, Patti Kristjanson and Amit Kumar Shrivastava.	2016	Current Science Vol. 110 (7) 1272-1281(2016)
61993	62162	Adaptation of farming community to climatic risk: does adaptation oof for sustaining agricultural	S.Nareish Kumar, Anuja, Md.Rashed, S.K.Bandopadhyay, Rabindra	2016	Current Science Vol. 110 (7) 1216-1224 (2016)

### Main Menu

[Home](#)  
[Energy Database](#)

### Login Form

Remember Me

[Forgot your username?](#)  
[Forgot your password?](#)



Home

## Eco-Links

- Agriculture
- Biodiversity
- Biotechnology
- Birds
- Botany
- Climate Change
- Ecological Interest
- Ecology
- Energy & Environment
- Environment
- Forest
- Geographic Information Systems (GIS)
- Global Warming
- GRASS
- Journal
- Marine, Fish and Wildlife
- Solar Energy
- Sustainable Development
- Western Ghats
- WWW Server

## User login

Username \*

Password \*

- [Create new account](#)
- [Request new password](#)

## Agriculture

Submitted by stadin on Mon, 01/04/2016 - 17:11

### 1. Indian Council of Agricultural Research

<http://www.icar.org.in/>

The Indian Council of Agricultural Research (ICAR) is an autonomous organization under the Department of Agricultural Research and Education (DARE), Ministry of Agriculture, Government of India. Formerly known as Imperial Council of Agricultural Research, it was established on 16 July 1929 as a registered society under the Societies Registration Act, 1860 in pursuance of the report of the Royal Commission on Agriculture. It is one of the largest national agricultural systems in the world. The main function is to coordinate, guide and manage research and education in agriculture including horticulture, fisheries and animal sciences in the entire country and it also including participation in international conferences, associations and other bodies dealing with agricultural research and education and follow-up decisions at such international conferences etc.

### 2. Jawaharlal Nehru Krishi Vishwa Vidyalaya

<http://www.jnkvv.nic.in/index.html>

### 3. Food and Agriculture Organization of the United Nations

<http://www.fao.org/home/en/>

This gopher server provides access to the archives of the Food and Agriculture Organization of the United Nations. The archives include agricultural statistics, publications, forestry resources and international development resources. The mission is to make agriculture, forestry and fisheries more productive and sustainable.

### 4. Indian Agricultural Statistics Research Institute

<http://www.iast.res.in/>

The mission of Indian Agricultural Statistics Research Institute is to undertake research, education and training in Agricultural Statistics and Computer Applications for Agricultural Research. It also involves in understanding basic, applied adaptive, strategic and anticipatory research in Agricultural Statistics and related fields and use these researches in meeting challenges and improving quality of agricultural research.

### 5. College of Agricultural, consumer and Environmental Sciences (ACES)

# Sahyadri Geospatial Portals

[In India](#) | [Worldwide](#) | [Grass](#) | [Geospatial Data Portals](#) | [Climate Data & Modelling Softwares](#) | [FOSS Geospatial Tools](#) | [FOSS Servers](#) | [FOSS Databases](#) | [FOSS CMS](#) | [Other Information](#)

## Geospatial Data Portals

- [Open Layers](#)
- [Earth Explorer](#)
- [Globis](#)
- [Consortium for Spatial Information \(CGIAR-CSD for SRTM data sets\)](#)
- [Landat data search tool](#)
- [Earth Resources Observation and Science \(EROS\) Center](#)  
<http://eros.usgs.gov/land-cover>
- [Global Change Master Directory: GCMD](#)  
<http://cmdl.usfc.nasa.gov/add/portals.html>
- [Land Processes Distributed Active Archive Center \(LP DAAC\)](#)
- [MAPCRUIZ](#)
- [KFlor](#)

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## Free and Open Source Software for Geospatial Analysis

- [Geographic Resources Analysis Support System - GRASS](#)  
<http://wbu.ces.iisc.ernet.in/grass/>
- [Integrated Land and Water Information System - ILWIS](#)
- [OPTICKS](#)
- [Quantum GIS-QGIS](#)
- [OPENJUMP](#)
- [Open Source Software Image Map](#)
- [User friendly Desktop GIS-UDIG](#)
- [System for Automated Geo-scientific Analysis-SAGA GIS](#)
- [gSIG](#)
- [Map Window GIS](#)
- [Hydro Desktop](#)
- [Map Guide Open source](#)
- [Falcon View](#)

**Climate Data and Modeling Softwares**

- **India Meteorological Department DMD**  
<http://www.imd.gov.in/section/hydro-dynamics/ihpa/ihpa.html>  
<http://www.indiamet.gov.in/>
- **Meteorological and Oceanographic Satellite Data Archival System-MOSDAC**
- **Climatic Research Unit-CRU**
- **NOAA - National Oceanic and Atmospheric Administration**  
<http://www.ncdc.noaa.gov/>
- **Terrestrial Hydrology Research Group-Princeton University**  
<http://earthdata.nasa.gov/>
- **The Atmospheric Science Data Center (ASDC) DAAC**  
<http://search.earthdata.nasa.gov/>
- **Surface meteorology and Solar Energy (SSE) Data and Information**
- **PSD Climate and Weather Data-NOAA**  
<http://www.ncdc.noaa.gov/pdq/cw-4a-06-search-DB?search.pl?Variable=Wind+Speed&group=0&submit=search>

**Digital Library @ Sahyadri ENVIS, CES, IISc**

**Library & Information Sciences**  
**Online Library Catalog**  
 A Dynamic Platform for Dissemination of Information.....



**Contact Info**

YASHWANT G KANADE  
 B S Library  
 Library & Information Sciences  
 Division of Biological Sciences,  
 Indian Institute of Science, Bangalore-560012  
 FAX: 080-23601428  
 Phone: 91-080-23602786

Best viewed in 1024x768 pixels Screen resolution  
*e-Granthalaya Web OPAC (Ver. 3.0)*

Library: **B S Library**

**Submit**

*Select Library from Drop-Down and Submit*

The B S library is integrated with Department of Biochemistry, Centre for Ecological Sciences, Microbiology & Cell Biology and Molecular Reproduction Development & Genetics. It is one of the best libraries for the Biological Sciences. For an organization like Biological Sciences with the above mandate, it is essential to build an information system. One of the basic components of such an information service facility which keeps track of the latest scientific advances in the field of Biological Diversity and bring it to the attention of decision-makers, specialised technological personnel, field implementers, recipient agencies, etc. The library aims to develop a comprehensive collection of documents i.e. useful for the faculty, students and research scholars in the education and research activities.




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**Library Statistics**

Library	Holdings	Members
CESLIB	35799	322
<b>Total Total(s):</b>	<b>34318</b>	

**Important Links**

- ▶ [e-Granthalaya Web Site](#)
- ▶ [NIC Home Page](#)
- ▶ [DELNET](#)
- ▶ [Indian Gov.in](#)
- ▶ [Informatics Newsletter](#)
- ▶ [Infolibrarian.com](#)






## Sahyadri Messages from the Ministry and Workshops conducted at ENVIS-IISc

May 2016	<p><a href="#">Brainstorming session on action plan for effective dissemination of Environmental Information</a> 20<sup>th</sup> to 21<sup>st</sup> May 2016 @ CES, IISc</p> <p><a href="#">Workshop on Free and Open Source GIS - FOSS4G</a> (12<sup>th</sup> to 14<sup>th</sup> May 2016)</p> <p><a href="#">Workshop on Wetland Ecosystems</a> (12<sup>th</sup> to 14<sup>th</sup> May 2016)</p> <p><a href="#">Workshop on Terrestrial Ecosystems</a> (11<sup>th</sup> to 12<sup>th</sup> May 2016)</p> <p><a href="#">Workshop on Coastal Ecosystems</a> (9<sup>th</sup> to 10<sup>th</sup> May 2016)</p>
Feb 2016	<p><a href="#">Workshop on Role of Students in "Coastal Ecosystem Management"</a>, 24<sup>th</sup> Jan 2016</p> <p><a href="#">Conference on "Municipal Solid Waste Management - MSWM 2016"</a>, 23<sup>rd</sup> to 24<sup>th</sup> Feb 2016</p> <p><a href="#">Workshop on Role of Students in "Coastal Ecosystem Management"</a>, 20<sup>th</sup> Jan 2016</p> <p><a href="#">Workshop on Role of Students in "Coastal Ecosystem Management"</a>, 16<sup>th</sup> Jan 2016</p> <p>The National Interaction-cum-Evaluation Workshop for ENVIS Centres The ENVIS Centre based at WWF-India, New Delhi is organizing the Workshop on behalf of the MoEF&amp;CC from 17<sup>th</sup>-20<sup>th</sup> Feb 2016</p> <p><a href="#">* Programme schedule</a></p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p><b>World Wetlands Day</b> 2 February 2016</p> </div> <div style="text-align: center;"> <p><b>Wetlands for our Future</b> Sustainable Livelihoods</p> </div> </div> <p><small>*Message of Shri Prakash Javadekar, Minister of Environment, Forest &amp; Climate Change, Government of India on the occasion of World Wetlands Day, 2<sup>nd</sup> February, 2016*</small></p>





## Brainstorming session on action plan for effective dissemination of Environmental Information

20<sup>th</sup> May 2016. Timings - 8.00 AM to 6.00 PM

Venue: CCE Lecture Hall (Next to Nesara Restaurant), IISc, Bengaluru - 560012



### Organized by



**Co-ordinators:** T.V. Ramachandra (cestrv@ces.iisc.ernet.in),  
Suma Tagdar (suma.tagdar@frrht.org)  
Vinay Kumar (enpri.ENVIS@gmail.com)

### Workshop Schedule

[Posters](#) [Gallery](#) [Accommodation List](#) [Email Communications](#) [Campus Route Map](#)

#### Schedule: 1<sup>st</sup> Quarter Brainstorming Session for Southern region ENVIS Centre

	9.00 am - 9.30 am	Registration
20 <sup>th</sup> May 2016	9.30 am to 11.00 am	<p>Inaugural by guests, introduction to session by ENVIS Secretariat and objectives.</p> <p><b>Session 1: Major achievements of the ENVIS Centers for last five years to get a broad overview of the strengths( one slide from one center) 1 hour duration</b></p> <ol style="list-style-type: none"> <li>1. SACON ENVIS CENTRE, Coimbatore - PPT</li> <li>2. CASMB ENVIS CENTRE, Annamalai University - PPT</li> <li>3. CPRETC ENVIS CENTRE, Chennai - PPT</li> <li>4. IOM ENVIS CENTRE, Anna University - PPT</li> <li>5. ENPRI ENVIS CENTRE, Bengaluru - PPT</li> <li>6. PPCC ENVIS CENTRE, Pondicherry - PPT</li> <li>7. FRI HE ENVIS CENTRE, Bengaluru - PPT</li> <li>8. STATE ENVIS CENTRE, Tamilnada - PPT</li> <li>9. RSCSTI ENVIS CENTRE, Kerala - PPT</li> </ol> <p>Organizing team at CES to coordinate the inaugural, Team member from ENVIS Secretariat, 5 minutes per Centre, Centre coordinator</p>



## Workshop on Free and Open Source GIS

12<sup>th</sup> to 14<sup>th</sup> May 2016

V S Acharja Auditorium, Alva's College, Moodbidri



### Introduction

**Purpose:** 7<sup>th</sup> day of Lake Symposium (Lake 2016: Conference on Conservation and Sustainable Management of Ecologically Sensitive Regions in Western Ghats [THE 10TH BIENNIAL LAKE CONFERENCE]) is exclusively for students and teachers from Schools, Colleges and Universities. Awards will be given for best paper presentations (category wise) during Lake 2016. Workshops are being organized to train students and teachers to take active part in ecosystem mapping, inventorying and monitoring of biodiversity in the neighborhood. Study area could be the village (student/teachers respective villages). Details are available at

#### DOCUMENTATION OF WATER BODIES

<http://wgbls.ces.iisc.ernet.in/energy/lake2014/student-conver.php>

#### MY VILLAGE BIODIVERSITY DOCUMENTATION

[http://wgbls.ces.iisc.ernet.in/energy/stc/my\\_village\\_biodiversity/index.htm](http://wgbls.ces.iisc.ernet.in/energy/stc/my_village_biodiversity/index.htm)

#### ENVIRONMENT MONITORING IN THE NEIGHBOURHOOD [WORKBOOK]

<http://wgbls.ces.iisc.ernet.in/energy/lake2014/teacher-student-conver/ETR77.pdf>

### Organized by



#### Workshop Schedule

12 <sup>th</sup> May 2016	9.00 am - 11.00 am	GIS and Remote Sensing: Principle and Applications
	11.00 am - 11.30 am	Tea
	11.30 am - 1.30 pm	Open Source GIS: Overview - Bharath H Althol
	1.30 am - 2.30 pm	Lunch
	2.30 pm - 4.00 pm	Vector Data and analysis using QGIS - Bharath Settar
	4.00 pm - 4.30 pm	Tea
	4.30 pm - 5.30 pm	Q GIS training - Bharath H Althol, Bharath Settar, Vinay S
	9.00 am - 11.00 am	Creating Vector Data Using GPS, Bhuvan/Google Earth, Bharath H Althol, Vinay S, Bharath Settar
	11.00 am - 11.30 am	Tea

## Workshop on Wetland Ecosystems

12<sup>th</sup> to 14<sup>th</sup> May 2016  
V S Acharya Auditorium, Alva's College, Moodabidri




**Organized by**




**Introduction** [Home](#)

**Purpose:** 3<sup>rd</sup> day of Lake Symposium (Lake 2016: Conference on Conservation and Sustainable Management of Ecologically Sensitive Regions in Western Ghats [THE 10TH BIENNIAL LAKE CONFERENCE]) is exclusively for students and teachers from Schools, Colleges and Universities.

Awards will be given for best paper presentations (category wise) during Lake 2016. Workshops are being organized to train students and teachers to take active part in ecosystem mapping, inventorying and monitoring of biodiversity in the neighbourhood. Study area could be the village (student/teachers respective villages). Details are available at:

**DOCUMENTATION OF WATER BODIES**  
<http://wgbis.ces.iisc.ernet.in/energy/lake2014/student-corner.php>

**MY VILLAGE BIODIVERSITY DOCUMENTATION**  
[http://wgbis.ces.iisc.ernet.in/energy/stc/my\\_village\\_biodiversity/index.htm](http://wgbis.ces.iisc.ernet.in/energy/stc/my_village_biodiversity/index.htm)

**ENVIRONMENT MONITORING IN THE NEIGHBOURHOOD [WORKBOOK]**  
<http://wgbis.ces.iisc.ernet.in/energy/lake2014/teacher-student-corner/ETR77.pdf>

Workshop – Wetland Ecosystems (12–14th May 2016)		
12 <sup>th</sup> May 2016	9.00 am – 11.00 am	Algae – diversity: Insights Durga Mathab Mahapatra
	11.00 am – 11.30 am	Tea
	11.30 am – 1.30 pm	Water quality monitoring: good Physical and chemical parameters: Asalaha and Sincy
	1.30 pm – 2.30 pm	Lunch
	2.30 pm – 3.30 pm	Microinvertebrates in aquatic ecosystems –

## Workshop on Terrestrial Ecosystems

11<sup>th</sup> to 12<sup>th</sup> May 2016  
V S Acharya Auditorium, Alva's College, Moodabidri




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**Introduction** [Home](#) [Brochure](#)

**Purpose:** 3<sup>rd</sup> day of Lake Symposium (Lake 2016: Conference on Conservation and Sustainable Management of Ecologically Sensitive Regions in Western Ghats [THE 10TH BIENNIAL LAKE CONFERENCE]) is exclusively for students and teachers from Schools, Colleges and Universities.

Awards will be given for best paper presentations (category wise) during Lake 2016. Workshops are being organized to train students and teachers to take active part in ecosystem mapping, inventorying and monitoring of biodiversity in the neighbourhood. Study area could be the village (student/teachers respective villages). Details are available at:

**DOCUMENTATION OF WATER BODIES**  
<http://wgbis.ces.iisc.ernet.in/energy/lake2014/student-corner.php>

**MY VILLAGE BIODIVERSITY DOCUMENTATION**  
[http://wgbis.ces.iisc.ernet.in/energy/stc/my\\_village\\_biodiversity/index.htm](http://wgbis.ces.iisc.ernet.in/energy/stc/my_village_biodiversity/index.htm)

**ENVIRONMENT MONITORING IN THE NEIGHBOURHOOD [WORKBOOK]**  
<http://wgbis.ces.iisc.ernet.in/energy/lake2014/teacher-student-corner/ETR77.pdf>

Workshop Schedule – Terrestrial Ecosystems		
11 <sup>th</sup> May 2016	9.00 am – 11.00 am	Terrestrial Plants – Diversity, Monitoring and Conservation Aspects - M D Subash Chandran
	11.00 am – 11.30 am	Tea
	11.30 am – 12.30 pm	Mapping Natural resources (at Village level) Prakash Mada
	12.30 pm – 1.30 pm	Inventorying, mapping of Terrestrial biodiversity - Akhil, Vishnu D. Mukri
	1.30 pm – 2.30 pm	Lunch





# Workshop on Coastal Ecosystems

9<sup>th</sup> to 10<sup>th</sup> May 2016  
Venue: V S Acharya Auditorium, Alva's College, Moodbidri



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**Introduction** [Home](#) [Brochure](#)

**Purpose:** 2<sup>nd</sup> day of Lake Symposium (Lake 2016: Conference on Conservation and Sustainable Management of Ecologically Sensitive Regions in Western Ghats [THE 10TH BIENNIAL LAKE CONFERENCE]) is exclusively for students and teachers from Schools, Colleges and Universities.  
Awards will be given for best paper presentations (category wise) during Lake 2016. Workshops are being organized to train students and teachers to take active part in ecosystem mapping, inventorying and monitoring of biodiversity in the neighborhood. Study area could be the village (students/teachers respective villages). Details are available at

**DOCUMENTATION OF WATER BODIES**  
<http://wgbs.ces.iisc.ernet.in/energy/lake2014/student-corner.php>

**MY VILLAGE BIODIVERSITY DOCUMENTATION**  
[http://wgbs.ces.iisc.ernet.in/energy/stc/my\\_village\\_biodiversity/index.htm](http://wgbs.ces.iisc.ernet.in/energy/stc/my_village_biodiversity/index.htm)

**ENVIRONMENT MONITORING IN THE NEIGHBOURHOOD [WORKBOOK]**  
<http://wgbs.ces.iisc.ernet.in/energy/lake2014/teacher-student-corner/ETK77.pdf>

**Workshop Schedule**

8:30 AM	Registration
9:00 - 11:00 AM	Inauguration and Keynote talk
11:00 - 11:30 AM	Coffee/Tea
11:00 to 12:30 PM	Coastal ecosystem: Overview - Prof. H D Subash Chandran
12:30 to 1:30 PM	Inventorying and mapping of coastal ecosystem Biodiversity - Dr. Prakash Mehta

<http://wgbs.ces.iisc.ernet.in/energy/lake2014/teacher-student-corner/ETK77.pdf>

[BROCHURE](#) [HOME](#) [WHITE MAP](#)



## Conference on Municipal Solid Waste Management (MSWM 2016)

Dates: 22<sup>nd</sup> - 24<sup>th</sup> February 2016  
Venue: CCE Lecture Hall, [behind J R D Tata Memorial Library, Next to IISc Student's Hostel Office & NESARA Restaurant], Indian Institute of Science, Bangalore 560012, India





[Overview](#) [Registration](#) [Programme Schedule](#) [Organisers](#) [Contact](#) [Glimpse of the](#)

Organised by,






**Overview**

Municipal solid waste comprises of wastes generated from residences, markets, hotels and restaurants, commercial premises, slums, street sweeping and parks. Bangalore residences contribute 55% of total of wastes, which is highest among all





# Symposium on Climate Change and Mitigation - 31<sup>st</sup> December 2015

Venue: Auditorium (Ground Floor), New Biological Science Building, Near D Gate, IISc Campus, Bangalore - 560012



Press report

Glimpses of the event



Prof. D. Nagesh Kumar is working in the Department of Civil Engineering, Indian Institute of Science, Bangalore, since May 2002. Earlier he worked in IIT, Kharagpur (1994-2002) and NRSC, Hyderabad (1992-1994). He obtained Ph.D (Engg) from Indian Institute of Science, Bangalore, India in 1992. He visited Utah State University, USA in 1999 for 6 months on BOYSCAST fellowship. He was Professor in Ecole Nationale Supérieure des Mines, Saint-Etienne, France, in 2012. His research interests include Climate Hydrology, Water Resources Systems, Climate Change Impact on Water Resources, ANN, Evolutionary Algorithms, Fuzzy logic, MCDM and Remote Sensing & GIS applications in Water Resources Engineering.



Dr Vaman Acharya familiarly known as garbage man is the former Chairman of "Karnataka State Pollution Control Board". A MBBS graduate, Dr. Acharya discontinued his practice in the mid-80s to pursue his passion, which included setting up a compost manufacturing firm. Dr. Acharya owns Sunrise Compost near Machchali on Magadi Road, which produces four to eight tonnes of organic manure every day using the BBMP garbage. His company's only competitor in the City is Terra Firma.\*



Dr. N.Nandini obtained her PhD from Bangalore University on Environmental Sciences. She is a awarded fellowship --from F.N.E.S.A NES, New Delhi and FISEC Dumka, Jharkhand. Her area of interest and research specialisation includes Environmental Management, Environmental Microbiology, Surface Hydrology & Waste water Management, Soil Management, Aerobiology, Biodiversity, Regional Climate Change, Pollution and Toxicology Studies, Solid Waste Management and Technology, Environmental Impact Assessment, Natural Resources and Management. Having teaching experience for 29 years she is presently serving as Chairperson of Environmental Science, Bangalore University.

#### Who can join?

Academicians, Research Scholars, Students & stakeholders of Environment & climate change.

Registration Free.



All delegates are requested to reach the seminar venue by 9 AM. Registration counter will be closed at 9:45 AM. Registration is limited to capacity of the hall and is reserved for first comers.

Supported by :  
Student For Development  
www.sfdindia.org

#### Conveners of the seminar :

Dr. Durga Madhav, CES, IISc - +91 9986008071  
Mr. Sanjeev Ningombam, WOSY - +91 9480081465  
Mr. Prem, SFD - +91 9986255589

#### Correspondence can be made to :

World Organisation of Students & Youth  
#55, YUWASHAKTI  
1st Main Sheshadripuram, Bengaluru-20  
wosyconference@gmail.com | www.wosy.org

Energy & Wetlands Research Group  
Centre for Ecological Sciences  
Indian Institute of Science  
Bengaluru-560012

## Seminar on Climate Change & Mitigation

31 Dec, 2015

Venue: Auditorium (Ground Floor), New Biological Sciences Building, Indian Institute of Science (Near D Gate), IISc, Bengaluru



### About The Seminar

#### Climate Change & Mitigation

The purpose of organising the seminar is to enable the interaction between experts and various stakeholders focussing primarily on youth. An International Conference on Climate Change COP21 was held at Paris. Indian delegates was led by Shri Prakash Javedkar, Minister of State (IC) for Environment, Forest & Climate Change, Govt. of India. The proposed event would give an opportunity for the youth to interact with Minister and domain experts and understand the consequences of climate change and its deliberation in COP21. The expert will address on the crucial area of climate change such as Green House Gas Emission and Climate Change & its impact on water resources. An interaction with young researchers is planned to

### Seminar Schedule

9 - 10 am Registration with Tea & Snacks  
10 - 10.50 am Inauguration  
About "Climate Change" Seminar: Shri Sanjeev Ningombam, International Secretary,WOSY  
Chief Guest: Dr. Vaman Acharya, Former Chairman, Karnataka State Pollution Control Board  
10:50 - 11:00 am Break

### Speakers



Shri Prakash Javedkar is an Indian politician and Member of Parliament Rajya Sabha and a leader of Bharatiya Janata Party (BJP). He serves as the Minister of State for Information and Broadcasting (Independent Charge), MOS(IC) for Environment, Forest and Climate Change and MOS for Parliamentary Affairs, Government of India. He has served the party

in various capacities and has lead in many fronts. He has been awarded with

# Thank You