

CED in INECC - 2009-10 - A Report

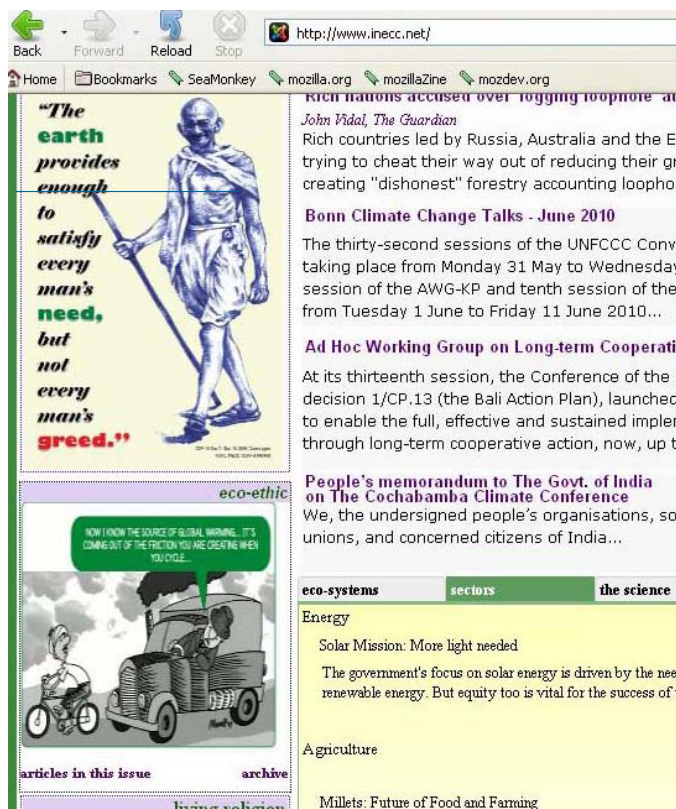
Introduction



CED is an information and documentation centre, which has been part of INECC network, for some time now. CED has taken up several programmes relating to Climate Change, a large part of which has been influenced and supported by INECC.

Maintenance of Website

Website Development



The INECC website (www.inecc.net) which was designed and set up in January 2009, was based on static webpages, with links to full documents in CED's database. Besides routine technical maintenance, CED shifted all the material to INECC's own database, in an open source Content Management System (Joomla). This process was completed in February 2010.

The new system enables the database to be organised into sections and categories, which then provides a convenient platform for updating and participation by various partners in the network. To do this, CED had to design the different section and categories of the climate change content, as well as the networking, and INECC related documentation, such that any new information incorporated shows up in its proper place, on a real time basis.

Following this, CED has been able to put in about 180 new documents in addition to posters, presentations and interviews on Climate Change which have been documented as part of CED's activities

After shifting to Joomla , we have been able to keep track of the no.of visits to different pages of the site. They are

Content pages: Mountains (eco-system) 313, Forest(eco-system) 221, copenhagen accord 199

Resource Pages: Books 220, Institution & Organisations 218, A V(Audio Visual) 214

Networking: Projects 258, Events 256

Developing Content

In terms of content, CED has been documenting from secondary sources the science, politics at the national and global level, the different eco-systems being effected by Climate change, the different sectors impacting Climate change, Civil Society participation, campaigns and alternatives through newspapers magazine,websites .

This is reflected in the INECC website which besides showcasing INECC's work and functioning as a networking tool, presents the gamut of information on Climate Change. The documentation is organised such that it reflects the prime concerns of INECC.

A: The Equity Issues

B: The Bio-regional Perspective

C: The Way Forward & Alternatives including Decentralised Energy Option, Water Governance

Besides using the information available at INECC, in all its workshops, and Ecoethics, CED has been able to capitalise and bring to the INECC website some of its own work, which it has done in partnership with other networks like Ritimo and KICS. An important effort has been the archiving of ecoethic in the website. This has been done in three ways:

1. Pdf of full issues of ecoethics
2. Text based files of each article, which appear along with the topics.
3. Cartoons, and Visuals, which can be used as by all for educational purposes.

Another important aspect of the Website has been the easy availability, on line mostly of educational material and resources, like videos, posters, power point presentations, and the like in the website.

Climate Education

Bio-regional Notes: India's Coasts

The booklet: [The Coast isn't Clear: Climate Change & India's Coastal Communities](#) is in two parts (a) general conceptual understanding of climate Change, and analysis of International politics and National Response and (b) Impacts and responses in the coastal regions.

A Marathi version of the booklet was created, and issues and a print version was created for the programme "Me Mumbai Boltoy" which was a public hearing attended by people from the slums and peri-urban communities in and around Mumbai in October 2009.

CED is also working on a Tamil version of the booklet.



Forests - the saviour and who is protecting it

CED is currently doing the ground work for a booklet and other resource on the impact of climate change on forest areas and livelihoods development.

CED has done the base research and outline work draft on the first two sections of the booklet which is: the overview of Climate Change and the General issues relating to forests and climate change.

This work is being done in collaboration with ODAF, which will be working on the issues relating to the Danakaranya Forests. The Oriya version will be done by ODAF while the English base version and the Kannada and Telugu versions is to be done by CED.

The Kannada version will have a section on the impact of Climate Change in the Western Ghats and indigenous communities.

Preparation of Videos & AV resources

Climate Education Development

CED, as a part of INECC is working of developing educational material to facilitate the activist, teacher, and concerned citizens with information at three levels:

- A) basic conceptual levels of climate change in general and in different eco-regions.
- B) usable small media/resources like posters, slide shows, film clips etc.
- C) trend analysis on critical developments and civil society perspectives (Critical Concerns)

At the basic conceptual level, CED has developed templates of slide presentations on 1. the basics of Climate Change, 2. The politics and issues of justice and equity, and 3. International negotiations and India Policy on Climate Change. These along with notes have been made available on line, in the INECC website

These along with notes have been used as a base for our lectures and Climate Education at different places.

Trigger Film

As a part of the effort to provide resource material to activist and educators on climate change, CED prepared two short films, to act as discussion triggers. The films 'City Calling' and 'I am the Drum' were prepared for and screened at the Public hearing on Climate Change, at the session on Urban areas and semi-arid regions respectively.

"I am the Drum" starts with the sudden floods in North Karnataka which is a semi-arid region, and the understanding of the people in terms of its causes and unpredictability of weather that they have observed. The effects of these extreme events is exacerbated by modern monoculture and quarrying, and some of the options open to people in these regions is to adapt to these changes.

The film has been uploaded on Youtube (duration :17 mins).



"The City Calling" :-impact of rising sea levels on high tides which affect the slum communities living on the shoreline. The City to which ragpickers and hawkers come to provide cheap ecological services while living with low carbon footprints are often marginalised and displaced in modernisation drives, road widening etc. which increase the carbon footprints of the consumer classes.

The film has been uploaded on Youtube (duration: 96 mins).

"A Testimony: Impact of Climate Change on coastal communities ":-CED supported an Intern from the TISS to do a trigger film on climate change and fishermen in Veerampattinam village, one of the largest fishing villages in Pondicherry, which is at a distance of about 7 kms from the town. The people spoke about a variety of issues affecting their lives, livelihoods and environment.

Documentation of Lectures and PPT

CED has been recording lectures, interviews and presentations on several aspects of climate change both to provide resource material and perspective on climate change issues. The main aim is to develop multimedia education content for climate education, which is made available in the public domain. CED also has plans to develop e-learning and e-awareness modules on various issues on climate change.

Some of the video documentation that is currently available at CED are:

The Science and Politics of Climate Change, by Sharadchandra Lele, ATREE (Ashoka Trust for Research in Ecology and the Environment). Complete lecture to Bangalore Platform & CED. 03/07/2009. video and ppt.

The Carbon Footprint of Waste, by Dr. H.S Chanakya, IISc. Complete lecture to Bangalore Platform & CED, 07/08/2009. video and ppt....

Other recorded and under production include:

What is the good life, by Siddhartha, Director, FireFlies. Complete lecture to Bangalore Platform & CED, 07/08/2009.

Round Tables & Follow up thereon

Me Mumbai Boltey



A Round Table on Climate Change & Urban Equity issues in Energy, Water Housing & Transport was held with a panel of key speakers which included Dr. Gayathri Gadag, Prayas Energy Group; Darryle D'Monte, Forum of Environmental Journalists; Dr. T Jayaraman, Tata Institute of Social Sciences; Dr. S Asolekar, Adv. Girish Raut.

The discussion were held as part of Mee Mumbai Boltoi (Me, Mumbai Speaking) which was a public hearing on the Impact of Climate Change in Urban Areas: Voices from Mumbai's Margins , St. Xaviers' College, Mumbai, on 24th Oct 2009. CED as a partner of INECC had taken up the initiating and facilitating the Public Hearing, which was made possible with funding from Oxfam India and implemented through YUVA, a partner of Oxfam.



The Event revolved around:-



Testimonies from the Marginal communities regarding Housing, Fishermen & Coastal Issues, Impact of climate change on agriculture, problems of waste dumping, Livelihood in the Unorganised Sector, Recycling Waste, Flooding- especially the Mithi River, Water, Vasai Struggle, the Homeless

Exhibitions, Video Screenings, Youth exchanges, Painting workshops, Street theatre workshops organised by different NGOs, were part of this full day long event which was attended by over 300 persons from various slums, and coastal communities, with a large contingent of students both from Xaviers as well as other colleges.

Democratising the Science and Technology of Climate Change

A Round Table "Democratising the Science and Technology of Climate Change" was held at Bangalore on the 23rd February 2010 . This event was in collaboration with INECC and KICS organised by CED.

The idea behind such a discussion was to bring together the scientific community and Civil society, to analyze how Climate change is a symptom of the deeper problems of unsustainable development and undemocratic approach in solution to problems. The discussion ends with a need to re-vision a new system, a system unlike the capitalistic and socialistic, but based on a democratic system, debate and dialogue critical of what is going to happen of climate change.

Some of the Key speakers at the event were :

Dr J Sreenivasan, Indian Institute of Social Science who spoke on the science of Climate change and its impacts, how sudden and abrupt the effects are, the errors in the Climate report and that Climate change is governed by global as well as local factors.

T. Pradeep, Director, iSquareD who spoke on Contextualising issues of equity, sustainability for the marginalised - urban&rural: and that Climate Change gives us an opportunity to introduce equity and sustainability into a changing development paradigm.

Some sessions were on :

Rural Livelihoods - dryland farming, livestock, energy, non-farm economy, lifestyles, with Dr. Hoysall Chanakya, Director, Centre for Sustainable Technologies, IISc; Bablu Ganguly, Director, Timbaktu Collective; T Pradeep, Director, iSquareD and V Ramsubramanian, Technologist, Village Renewable Energy Systems as discussants and Dr. C Shambu Prasad, Professor, Rural Management, Xavier Institute of Management as Chairperson.

Habitat / Urban: energy, transportation, construction, water, waste, lifestyles with Dr. Monto Mani, Associate Professor, Centre for Sustainable Technologies, IISc; Hariharan Chandrashekhar, CEO, BCIL; Vinuta Gopal, Climate Campaign Manager, Greenpeace; Dr. Sudhira H S, Independent Researcher; Vinay Sreenivasa, CSTEP and Hasiru Usiru and Sowmyabrata Rahut, Consultant, Prayas Energy Group, Pune as discussants.

The Way Forward - on the good life, the Gandhian view, and people's sciences perspective with Siddhartha, Director, Pipal Tree & Fireflies Ashram, Dr. D. Jeevan Kumar, Director, Institute of Gandhian Studies, Bangalore University and M P Parameshwaran, Founder-Member, Kerala Sasthra Sahitya Parishad (KSSP) as lead discussants.

Pilot Workshops

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CED is involved in two pilot workshops to get together Civil Society Organisations, and actors particularly local people's organizations, and NGOs along with scientists to discuss, and then promote collaborative actions to study vulnerability of coastal communities and habitats, and forest based communities.

The first meeting was held in May 2010.



Vulnerability to climate change

The pilot workshop [Vulnerability](#)

[to Climate Change](#):

Mumbai-Thane Coast - held in Mumbai on 29th May 2010 brought together representatives of fishing and coastal communities, scientists, activists and researchers to discuss vulnerability of coastal communities in the Thane-Mumbai coastal belt, and the follow up study, awareness and action on adaptation to these challenges.



The workshop was held in three sessions: Climate change: Impact and Vulnerabilities of Fishing Communities, on Impact and Vulnerability Coastal Communities and The Way Forward.

Dr RV Sharma, Deputy Director of Indian Meteorological Department said that the 2005 global mean surface temperature is estimated to be +0.48 degrees Celsius above the annual average in the period 1961-1990 of 14 degrees. He said that explaining climate change is like discovering the motive behind the crime. Our development is such that it is adding to the problem of climate change.

In the session on Climate Change: Impact and Vulnerabilities of Fishing Communities scientists from the Central Marine Fisheries Research Institute, Mumbai two fish varieties Tharli (sardines) and another is Bangda (mackerel) are sensitive to climate change. These two fishes are very important, staple diet for the poor people. While Bangda is now migrating towards the Northern Hemisphere due to temperature rise. Tharli which was restricted to the southern hemisphere is slowly migrating northwards. The total catch in a tropical country remains more or less constant over a period of time. There is succession of fishes. If one fish is not available or it becomes depleted another fish will take that position. We may have to adapt to these changes by changing our fishing technology like size of net, timing and location of fishing. However trawling would have to in any case stop. Currently there is a cap on the total number of licences of trawlers. But this will have to be curtailed drastically, if fish production has to be protected.

RK Patil, President of the National Fishworkers' Forum and representatives of fishermen from Gorai, Palghar and Mumbai said that there was a noticeable depletion in fish catch, and that the problem created by climate change is compounded by other factors like dumping of industrial waste, oil spills from the oil rigs and other pollutants along the coast.

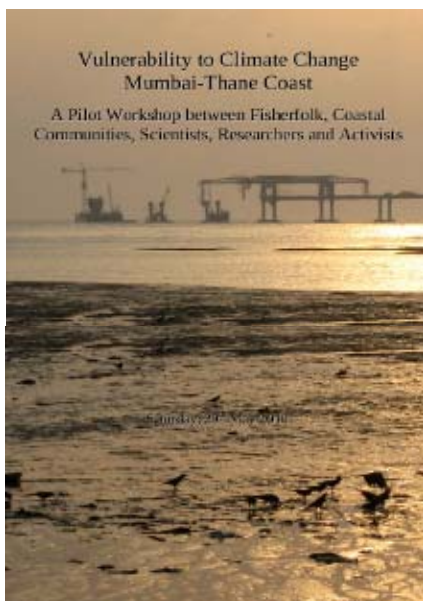
In the session on Impact and Vulnerability coastal Communities, Prabhakar Nair ICOR spoke of their on-going study besides highlighting the fish catch issues mentioned in the previous session, spoke of the impact of sea erosion, higher sea level particularly high tides on other poor communities particularly those staying in slums, and informal houses on the coast. The perspective plan of six villages in Dharavi bhet by CSA spoke of the kind of alternative livelihoods, as also the trend towards finding jobs in the services and IT sectors. An interesting perspective from Alternate Realities, Mumbai was that the homeless people in the city who provide some important services particularly in waste management, are most at risk from climate change induced disasters. However they have no identity or locus standii which keeps them totally out of any possible alternative plans and protection.

The workshop decided to continue the vulnerability studies, and also provide for sharing some the learnings, with the communities, through more exchanges at the village level between scientist and fisherfolk and video film. A e-group will also be created to enable participants to keep in touch with developments on the issue.

The second pilot workshop will be held in collaboration with ODAF on Forests and Climate Change.

Vulnerability Studies

[Vulnerability -Documentation & Research](#)



As a part of the INECC effort to work in different eco- regions, CED is working on the issues relating to marginalised communities in the coast and coastal cities. CED & ICOR have been co-ordinating their respective work on Vulnerability to Climate Change: Mumbai Thane Coast. ICOR is doing research work on vulnerability of marginalised communities in the North Mumbai and peri-urban coast. ICOR has taken the responsibility of doing a field study which is being led by Prabhakar Nair, and CED has taken the responsibility of compiling data and information from secondary sources, which would ultimately be converted into a dossier and docsweb.

CED has begun with doing documentation work, of secondary information available on this topics. These have been put in a database. Various outputs will be undertaken based on this document, which will supplement the climate education and action programmes of INECC.

To begin with, CED prepared a fourteen page, notes and readings for activist, and social workers, one version of which was printed and circulated at the pilot workshop. The notes summarise the impacts, adaptation and vulnerability of coastal areas, while also outlining various issues and concepts relating to vulnerability, and takes up certain concrete issues that have comes up

in the recent past which have a bearing on climate change and vulnerabilities of the coastal populations like development pressures around mumbai which impact climate change, changing fishing habitat and livelihood, and poor in the cities.

Video Documentation

As a part of the programme to study vulnerability in coastal and urban eco-region, CED has been documenting on video the views of the affected communities, the learnings and analysis of experts and others.

CED has the video recording of the testimonies at the public hearing, which will be the first inputs on the Vulnerability of Coastal Areas specially those in big urban centres like Mumbai. These include those of Santosh Thorat on Shelter issues, Neville Patrick on Fishermen & Coastal Issues, Lourdes Nunes on Impact of climate change on coastal agriculture and Ajay Kumar – the Homeless. The recording at the pilot workshop covers the scientists at the fisheries and meteorological department.

In addition CED has done field coverage of the following:- Bhayandar Dumping ground, Versova vulnerability of coastal settlements, Dahanu/Zhai fishing villages fish catch and mangrove protection issues.

In the next phase, as suggested at the pilot workshop we intent doing more detailed coverage of the scientists and studies, and take them to the communities through local NGOs and Organisations there. This would involve making small learning and discovery modules.

Climate Education & Workshops with Youth & Student

Follow up activities

Following up on the Round Tables, where INECC decided to engage with the development of national plans, like NAPCC, and spread awareness on these among youth and students, CED has been documenting information, holding workshops as well .

CED has video recorded the following events, and will soon make these available to students for their project work, as well as on youtube.

India's position Pre-copenhagen by D Raghunandan, Delhi Science Forum.[\[power point presentation\]](#)

Issues raised by Praful Bidwai on the release of his book "An India that can say YES", which advocates some unilateral steps that India should take.

Copenhagen & Beyond: Briefs from Walter Mendoza, Darryle D'Monte, T Jayaraman at a meeting with students and activists at CED in February 2010.

To Copenhagen: A power point presentation/exhibition by T Jayaram, TISS on the Carbon Space for developing countries.

The Bangalore Platform on Climate Change

The Bangalore Platform is an open civic space for reflection and action through greater understanding of the science, policy and ethical issues in the context of Climate Change. CED initiated its launch a year ago following the need to deepen civil society understanding of implications of climate change, energy crisis and unsustainable use of natural capital such as air, water, land and bio-diversity. This platform has helped CED connect with scientists, officials and people from other fields.

In this year, 9 meetings were held on major issues, wherein experts and activist shared their knowledge and experiences on various issues.

The programme was also designed to bring in youth and students to take up study and action on climate change.

Copenhagen and After

As a part of the follow up to the round tables, and climate education with students, CED organised a pilot workshop to give an update on what happened at Copenhagen - titled Copenhagen and After.

Two important people who went to Copenhagen, Dr. T. Jayaraman of the Tata Institute of Social Sciences, and Darryl D'Monte of IFEJ - International Federation of Environmental Journalist representing two major interest groups shared their views on the goings on at Copenhagen and what we can expect after it.

Walter Mendoza, shared INECC's involvement at the event, and raised certain issues to debate and action post Copenhagen. Students who attend included those from St. Xavier's College, Jai Hind College, K J Somaiya College and Students from Nirmala Niketan College of Social work.

From the Voluntary sector, we had Chandran Gopalkrishnan from Comet Media, Students , KT Suresh & Bharat Kale from YUVA, Mrinalini from Saakal Newspapers, Jyoti Mhapsekar from Stree Mukti Sanghatna, Surabhi Sinha from Vikas Adhyayan Kendra.

Others included Elizabeth Abba from NERI, Mario from TISS and John, Raajen, Maya from CED.

Student and Youth community

As a part of the follow up to the Round Tables, CED has been reaching out to the student Community as well as young professionals, inviting them to the various events at CED on Climate Change. In Bangalore, around 42 students , 40 youth have attended these events, details in Annexure 1

In Mumbai too, CED has been working on Climate Education for Youth.

On 11th August, 2009 CED organised A Day Inn at CED on the theme Climate Change & the City, for students and teachers giving assignments to student. The programme was attended by 3 students from St Xaviers College, 1 student from Jai Hind College, 3 from Dr. B M N College of Home Science, 1 from Mumbai University, 5 students of Nirmala Nikaten College of Social Work, Swayam Project, 2 students from Tata Institute for Social Sciences and 2 other Individuals

Vidhi Sangrajka of Green peace spoke on a perception study of climate change, which compare the perceptions difference between different classes of people - those living in low lying areas which get flooded and those on high ground etc. The study said: most people blame cutting trees (around 60%) for global warming. Very few, 31% in low lying areas, and 21% in higher ground in Mumbai, think 'driving cars' is responsible.

Sharanya Gautam, from TISS who did an internship with CED the previous summer, which took her to the beaches of Pondicherry, where she spoke to fisherfolk on their perceptions of climate change, showed her short five minutes film and shared her interactions with the fishermen and their perception of climate change.

Vijay Pereira from CED showed us his ten minutes film on the effect of the high tide on Fishing settlements as well as slums on the Versova coast in July 2009.

Urvi Desai from Jai Hind College and Nandan Krishnaswamy of Xavier's shared their experiences while helping CED with some of the research on the Booklet titled 'The Coast isn't clear'..

On 17 February 2010, John D'Souza of CED, made a presentation "Let's try and understand Climate Change" to National Service Scheme (NSS) Volunteers organised through Anubhav Mumbai, a project of YUVA. This was a part of the preparatory inter collegiate workshops

About two hundred students from three colleges Chetna College, Rizvi and Ruia attended this lecture cum discussion.

Films on Climate Change

An important part of the documentation effort on Climate change has been to make a selection of education material on climate change (see Annexure 2 for list) available to students ,activists, and professionals particularly teachers,media persons and social workers.

Annexures

Annexure 1 : List of events of The Bangalore Platform

- 1) Climate Change & Bangalore: Science, Politics and Action.
- 2) Transportation Issues and Alternatives.D
- 3) Carbon footprint of Bangalore City's waste management system.
- 4) The Good Life in a low-carbon lifestyle: cultural and ethical issues for urban Bangalore.
- 5) Food health and Climate change.
- 6) Genetic Engineering and Climate Impacts.
- 7) India's position Pre-Copenhagen.
- 8) Post Copenhagen Discussion.
- 9) Screening of Film "Hot Air Transactions"
- 10) Screening of Film "Water and a City" te Change

Ganga - Ek Prathna - (Impact of Climate Change on India and River Ganges):

Climate Change - An untold story The UK and India have a very successful collaboration on climate change research. The UK-India research programme on climate change impacts in India is a prime example of the mutual benefits the two nations stand to gain by working closely.

The City dialogue - The first effort of its type in India, Climate Challenge India, started in early 2007 as a multi-year programme of activities. It seeks to build a new climate of hope and opportunity on climate change, as the global community begins to face up to the enormity of the challenge.

An Inconvenient Truth - is a 2006 documentary film about global warming directed by Davis Guggenheim, presented by former United States Vice President Al Gore

Changing Currents: Tell Tale Signs - Climate change and its impact on the availability of water is the subject of Tell Tale Signs. Orissa in India and Mozambique in Africa. The film puts forth a strong case for communities and official agencies to work together to adapt to changing climate.

Mean Sea Level - Around 7500 Kms from the heart of the Intergovernmental Panel on Climate Change [IPCC] in Geneva or the United National Framework Convention on Climate change [UNFCCC] secretariat in Bonn, Ghoramara and Sagar islands are going through their own testimony of climate change related phenomena.

The Age of Stupid - A future archivist looks at old footage from the year 2008 to understand why humankind failed to address climate change.

Slum Futures - There is poverty and suffering but Mumbai's slum dwellers are a vibrant and proud community. The city is also an important microcosm of how slums are developing around the world. We meet many characters. They have no electricity, an illegal supply of water and no toilet. Globally one in six people live in slums. At the current rate of growth, that proportion's going to double by 2030 to one in every three.

The City Dialogues...on Climate Change

The first effort of its type in India, Climate Challenge India, started in early 2007 as a multi-year programme of activities. It seeks to build a new climate of hope and opportunity on climate change, as the global community begins to face up to the enormity of the challenge.

Oxfam India's Campaign on Climate Change

Poor people are least responsible for climate change. But they are affected first and the worst. In our country over 800,000,000 poor people are extremely vulnerable to the impacts of climate change

Climate Crisis in Andhra Pradesh

Faecal Attraction -The stretches passing through cities are the worst off. What the urban middle class is most bothered about is the lost beauty of these rivers. So urban authorities evict poor people living in 'illegal' shanties by the rivers or they build expensive sewage treatment plants to clean the rivers. But nothing works. This comes at a cost. Poor people get very little water, mostly unsafe, and pay more for it in the bargain. *Hot Air Transactions -The Trade in Greenhouse Gases* - a film by Cornelia Uebel & Yuksel Ugurlu. This is a good film on Clean Development Mechanisms(CDMs) using Indian examples.

Seeding a New Knowledge Movement - Farmers in villages of Anantapur and Warangal districts have adopted NPM or Non Pesticidal Management practices and have grown food successfully without using pesticides. What started as an effort to curb the devastating impacts of the Red Headed Hairy Caterpillar in the early 80s, is now a movement. Farmers have taken the control of their agricultural knowledge based on their traditional wisdom and local, indigenous solutions combined with farmer-friendly modern technologies and scientific intervention. This practice has much lower carbon footprint in agriculture compared to the fossil fuel based agriculture.

Food for thought - The film about farmers who have adopted organic agriculture are now seeing better yields with low external input and sustainable agricultural practices.

Money for Nothing? - A Peoples perspective- CDM for sustainable development

Earth Spirit Action - Vandana Shiva, Starhawk, Matthew Fox, Ruth Rosenhek and John Seed speak about Deep Ecology, Living Democracy and Revolution in Consciousness in a fast moving discussion of the type of change that needs to take place for a Sustainable Future. An inspirational and stimulating film including beautiful nature footage and a colourful array of global action shots.

Where is the Monsoon? - an ILEIA production projects the change in weather patterns in the last few years and how farmers in the semi-arid region are adapting to it with sustainable agricultural practices with low external inputs.