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Vol. 11 No. 2 June 2009

ENVIRONMENT/NATURAL RESOURCES/ EARTH SCIENCE

ENVIRONMENTAL SCIENCE / ECOLOGY

Book

Status of Environment in West Bengal : A Citizen's Report - 8133/16.01.50/GHO

Ghosh, A.K. (ed)

Sub: Environment & Development

Pub: ENDEV, Society for Environment and Development,

329 Jodhpur Park, Kolkata-700 068

2008, 262p

This report presents the status of environment in different related fields in West Bengal with data and statistics. The information of the following areas - demographic features, climate, land and soil, water resources, ground water resources, wetlands, agriculture, forests and wildlife, biodiversity, industries, urbanization, air quality, noise pollution, waste management public health, renewable energy, role of civil society organisations are dealt in 17 chapters. Special feature on displacement due to development in West Bengal and the Fragile ecosystem in Sunderban are also discussed in two separate chapter. A bibliography is presented at the end.

Creative Lesson Plan on Local Market - 8263/16.01.60/ ENR

ENRE

Sub: Educational Guidance/ Market Studies / Local

Pub: DRCSC, 58A Dharmotala Road, Bosepukur, Kasba, Kolkata-700 042

2008, 68p

This activity based environmental education booket deals with the topic 'local market' which involves a lot of possibility to explore for environmental and other life-related learnings. Through a series of activities which are mentioned in this booklet, children will be able to consider the environmental impact of each products sold in market. They can identify that local eco-fiendly products and respect to those producers and also know about safe and healthy, ecofriently, nationwide products, products made from natural resources etc. This book helps to create awareness about the produces and market not only among the children but also among the teachers, educators and community workers.

Status of Environment in West Bengal - A Citizen's Report - 8343/16.01.50/GHO Ghosh, A.K.(ed.)

Special Issue on **ENVIRONMENT**

Sub: Environment & Development / Reports

Pub: ENDEV, Society for Environment and Development, 329 Jodhpur Park, Kolkata-700 068

2008, 261p

This report includes and given station of the following areas related to environment - Demographic features of the state, climate, land & soil, water resources, ground water resources, wetlands, agriculture, pesticide scenario, forest & JFM, biodiversity, industries, air, noise pollution, waste management, public health, renewable energy, civil society organisation and environmental concerns. The Sunderban is also included with special focus.

Bastubadi Dristite Prakriti, Paribesh -O-Manush - 8388/ 16.01.00/BAS

Basak, Basab

Sub: Environment / Ecology / Human Development

Pub: National Book Agency Pvt. Ltd. Kolkata

Isbn: 978-81-7626-203-3 2008, 103p, Rs.45/-

This book says about the environment, nature and human society all of which are interelated or have a inter relation and if we want to protect the environment and nature for the next generation it should be need to organise such an environmental movement which is integrated with social economical and political movements.

Adhunik Paribesh Bijnan -O- Marxbad - 8446/16.01.00/ LAH

Lahiri, Ashish (ed)

Sub: Ecology / Marxism

Pub: Peoples' Book Society, 10/2 B Ramanath

Majumder Street, Kolkata-700 009

2009, 152p, Rs.75/-

This book presents some eassays related to modern ecology and relation with marxism and those were published in 'American Journal Monthly Review'. It says that Marx had tried to show the balance between man & ecology through analysis of his metabolic rift theory. This book also introduces the differentiation of openions which are expressed by experts.

Article

Wetlands - an Overview - 7999/16.01.22/HEM Hema, S. & Others

Sub : Wetlands

Pub: Agrobios (India) Agro House, Behind Nasrani

Cinema, Chopasani Road, Jodhpur-342002 2008, Vol.VI, Issue.9, 39-40p

This article mainly highlights the concept of wetland and the interdependence between wetlands & associated aquatic ecosystems which can make a strong connection between clean water & the protection of wetland ecosystems. It also discusses the role of Environmental Protection Agency (EPA) in protecling the wetlands and the major guidelines that to be followed to prevent wetland loss or degradation.

Unnayan -O- Paribesh - 8202/16.01.50/KAS Kashnabis, Ratan & Others

Sub: Environment & Development

Pub: Aneek, c/o.Peoples Book Society, 12C, Bankim Chatterjee Street, Kolkatta-700 073 2008, Vol.XLIV, Issue.12, 28-29p

This article mainly highlights on interlinking existence between development and environment which almost goes side by side. These two factors can create change, if the role of state, people's involvement & the investment of capital are taken into consideration. This article emphasises on the actual similarity and disimilarity and the conflict that exsist between these three aspects and their role in individual dependence for balancing environmental development & its conservation.

eBook

Seedling Solutions: II - E0303/16.01.50/IDR IDRC

Sub: Environment & Development / Civil Law

Pub: IDRC 2001, 239p

This second volume of Seeding Solutions follows naturally from the first. Seeding Solutions, Volume 1 analyzes technological and policy-related developments in the field of genetic resources of People, Plants, and Patents. Volume 1 identifies three areas of policy development where there are contentious 'outstanding issues'. Volume 2 is divided into three topics corresponding generally to those outstanding issues. Each of the three topics is comprised of options for national laws that policy-makers can consider to address these issues.

Doing Education at Wetland Sites - E0350/16.01.22/BHA Bhandari, Bishnu B. & Others (ed)

Sub: Wetlands

Pub: IGES, 2108-11, Kamiyamaguchi, Hayama,

Kanagawa, 240-0115

2003, 190p

Wetlands are one of the most productive environments in the world. They are the 'supermarket' of biological diversity. This book is the outcome of a workshop on wetlands to provide a forum. For wetland educators, practitioners, scientists and mangers to discuss about educational material so that information, knowledge and wisdom on the wise use of wetlands can be disseminated effectively across the Asia-Pacific.

natural resources & eco zones
 Book

A Guide to the Biological Diversity Act 2002 - 8172/

16.02.10/KAL

Kalpavriksh & Others

Sub: Natural Resource Policy / Legislation

Pub: Kalpavriksh & Others, 134, Tower10, Supreme Enclave, Mayur Vihar, Phase I, N.D.110091 2006, 80p, Rs.150/-

This publication is part of the Biodiversity Information Pack, which includes three publications. In India, the Biodiversity Act was enacted in 2002, but it is ciritical that communities who are directly or indirectly dependent on bio resources know how the Biodiversity Act will effect them, are how they can influence its implimentation and future course. In this respect this handbook tries to explain the rights and responsibilities of local communities under the Biodiversity Act. It also explains the provisions regarding access, control and benefit sharing. This book also gives an introduction.

A Simple Guide to Intellectual Property Rights, Biodiversity & Traditional Knowledge - 8173/16.02.10/ APT

Apte, Tajaswini

Sub: Natural Resource Policy / Traditional Knowledge / International Agreements

Pub: Kalpavriksh & Others, 134, Tower10, Supreme Enclave, Mayur Vihar, Phase I, N.D.110091 2006, 151p, Rs.151/-

This publication is part of the Biodiversity Information Pack, which includes three publications. This handbook introduces the world of IPRs, biodiversity and biodiversity-related traditional knowledge in clear, simple language. Presented in a Question-Answer format begins with the most basic questions and progress to more complex issues, making it more easily accessible to lay persons and interested persons. This handbook is a step towards filling the gap of user-friendly information. The main text of the book is divided in four sections with two appendices on International Agreements and Indian Legislation. Two reference sections on bibliography and glossary of common IPR related world and phrases.

Understanding the Biological Diversity Act 2002 - A Dossier- 8174/16.02.10/KOH Kohli, Kanchi (comp.)

Sub: Natural Resource Policy / Legal Protection / Legislation

Pub: Kalpavriksh & Others, 134, Tower10, Supreme Enclave, Mayur Vihar, Phase I, N.D.110091 2006, 159p, Rs.150/-

This Publication is part of the Biodiversity Information Pack, which includes three publication. The present publication is a dossier aims to put together scattered information available on the Biodiversity Act related rules and agreements. This compilation includes a background to the passage of the legislation and a brief introduction to its key components, along with the rules and agreements. It attempts to bring together the range of perspectives on the legislation and includes well researched critiques as well as voices from communities. The dossier is arrange in 6 sections on the chronology of events and annexures provide a ready reference to the final text of the Act, Rules, Agreements and some state level processes.

Natural Resources Policies of the Government Maharashtra: An Analytical Review - 8321/16.02.10/TEL Teltumbde, Anand

Sub: Natural Resource Policy / Marginalised People Pub: NCAS, Serenity Complex, Ramnagor Colony, Pashan, Pune-411021 2008, 76p

This paper undertakes a ciritical review of policies of the govt. of Maharashtra in respect of natural resources from a particular view point that of the Dalits and Adivasis. The paper is divided in sevel sections which deals the following topics: The state of natural resources in Maharashtra, policy for managing natural resources, neoliberal stance in these policies, detail review of these policies, specific impact of these policies on the marginalised communities, particularly Dalits and Adivasis, concluding remarkes.

Convention on Biological Diversity: June 1992 Text and Annexes - 8341/16.02.11/WWF WWF

Sub: Natural Resource Management / Agreements Pub: WWF - India 1999, 32p

The Convention on Biological Diversity (CBD), which came into existence in June 1992 and has been since ratified by 174 countries, recognises the sovereign right of nations over their biological resources and also sets out certain obligations on the part of the contracting parties to undertake effective measures for the conservation of biological diversity, the sustainable use of its components and equitable sharing of benefits world wide fund for Nature-India has done the translation of the CBD in Bengali to aware and understand the provisions of the convention for promoting its implementation and as well as acceptance at the state level.

Bigyaner Nana Katha - 8374/16.02.00/NAH Naha, Sujit Kr.

Sub: Natural Resources / Information

Pub: Gyan Bichitra Prakashani, 11, Jagannath Bari

Road, Agartala-799 001 Isbn: 81-86792-43-0 2007, 40p, Rs.20/-

This booklet deals with the questions and answers related to different things like plants, flowers, fruits, animal etc.

Pranider Baijnanik Nam - 8392/16.02.00/SAR Sarkar, Sadhana

Sub: Natural Resources

Pub: Gyan Bichitra Prakashani, 11, Jagannath Bari

Road, Agartala-799 001 Isbn: 978-81-8266-118-9 2008, 47p, Rs.20/-

This book covers the scientific names of different animals and their brief description scientific names are arranged according to the order of animal which helps to identify the specific animal.

Article

Managing Common Property Resources : A Strategy for Safe Environment - 7967/16.02.20/MAN Manikancan, Sabesh M. & Others

Sub : Common Property Resources / Environmental Protection

Pub: Kurukshetra, c/o. Room No.655/661, Nirman Bhavan A.Wing (Gate No.5), Ministry of Rural Development, New Delhi-110011

2007, Vol.LVI, Issue.2, 32-36p

This article highlights the principle of coexistence between economic development & ecological balance of living being on earth with a given knowledge of the common property resources which can be classified into different types according to its nature of utilization for better progress. This article also discusses the major problems in different sector regarding the management of common properly resources such as water supply, excreta disposal, solid waste management, drainage etc. It is been expected for better management of these resources will give pollution free & disease free environment to the nation.

Indigenous Institutions For Natural Resource Management, Potential & Threats - 8185/16.02.11/AGG Aggarwal, Ashish

Sub: Natural Resource Management / Local Institutions Pub: EPW, 320-321, Ato Z Industrial Estate, Ganapatrao Kadam Marg, Lower Parel, Mumbai-400013 2008, Vol.XLIII, Issue.23, 21-24p

The indigenous institutions have positive capabilities in natural resource management than usually externally imposed technocratic, and resource management systems. But most of these insitutions operate informally can their success be formalised and replicated at a much wider scale? What are the characteristics of these institutions? What are the opportunities and what can be possible threats? This article tries explores these issues. First of all, institutions and indigenous institutions have been conseptualised, subsiquently, opportunities and threats offered by them in the management of natural resources have been discussed.

Are We Missing The 2010 Biodiversity Target? - 8220/ 16.02.00/KOT

Kothari, Ashish

Sub: Natural Resources / Socio Economic Condition/ Poverty

Pub: Third World Resurgence, c/o.Third World Network, 131 Jalan Macalister, 10400 Penang, Malaysia 2008, Issue.213, 2-4p

This article highlights on the significant convention in 2002 which has been made by the countries of the world to reduce biodiversity, which also emphasises to reduce global warming, poverty alleviation for the benefit of all life on earth. The article also discuses the reasons & action steps been taken in the UN body meeting in Bonn to overcome such loss or will the world been able to meet the 2010 target where there will be total eradication of biodiversity loss which could effect life on earth but this is a real big question because this is most likely to happen.

eBook

An Activist Approach to Biodiversity Planning - E0346/ 16.02.11/APT

Apte, Tejaswini

Sub: Natural Resource Management / Development Strategy / Planning

Pub: IIED, London 2005, 160p

The aim of this handbook is to present in a userfriendly manner, the tools used to elicit participation in the planning process which led to the creation of the National Biodiversity Strategy and Action Plan (NBSAP) in India. The tools are described in a way that should make it possible for readers to apply/adapt the tools to their own settings, and to understand the strengths and weaknesses of the tools in terms of bringing out the voices of the targeted social sectors.

Gender and Natural Resource Management - E0354/ 16.02.11/RES

Resurreccion, Bemadette P. & Elmhirst, Rebeca

Sub: Natural Resource Management

Pub : Earthscan, Dunstan House, 14A St. Cross Street, London, EC 1N

2008, 261p

This book is about the gender dimensions of natural resource exploitation and management, with a focus on Asia. It explores the uneasy negotiations between theory, policy, and practice that are often evident within the realm of gender, environment, and natural resource management, especially where gender is understood as a political, negotiated, and contested element of social relationships. It offers a critical feminist perspective on gender relations and natural resource management in the context of contemporary policy concerns: decentralized governance, the elimination of poverty, and the mainstreaming of gender.

Navigating Amidst Complexity Guide to Implementing Effective R&D to Improve Livelihoods - E0360/16.02.11/CAM

Campbell, Bruce M. & Others

Sub: Natural Resource Management / Rural Development / Livelihoods

Pub: Centre for International Forestry Research, P. O. Box 6596

2006, 95p

The guide is all about improving the effectiveness of research and development (R&D) in NRM, so that livelihood and environmental outcomes are enhanced. What is described here can be thought of as a 'new way of doing business' for R&D in natural resource management, but builds on approaches in the agricultural, conservation and governance elds.

Occasional Papers

Sunderban Parichiti- 1500/09-021/16.02/1500

CCEC (Centre for Coastal Environmental Conservation)

Sub: Natural Resources & Eco Zones

Pub: CCEC (Centre for Coastal Environmental Conservation), House #93, Road#2, Sonadanga R/A, Khulna-9000

1p

This paper presents the introduction of Sunderban with special characteristics.

- NATURAL RESOURCE MANAGEMENT BOOK

Banglar Nadikatha - 8100/16.02A.20/RUD

Rudra, Kalyan

Sub: Inland Water Resources / Natural Resource

Management

Pub: Sishu Sahitya Sansad Private Ltd. 32A, Acharya Prafulla Chandra Road, Kolkata-700 009

Isbn: 81-7955-141-5 2008, xii+124p, Rs.110/-

This book discusses on the rivers of Bengal and expresses the ideas of author related to rivers and describes traditional human whip-dom over river from colonial period to current age. It says that how man is responsible for the evolution of the course of rivers and how river itself. Using maps it shows how extension of agricultural practices, urbanisation, industrialisation have affected the course of rivers in different times. It describes the situation of tributaries of main rivers with feeders in detail. Damages and destructions due to flood, the amount of water reserve and drain from water reservoirs etc. are also discussed. This book tried to coordinate between the theory and information related to river. River experts as well as laymans both are helped from this book.

Banglar Jalar Gacch - 8161/16.02A.10/ROY Roy, Anirban

Sub: Plants & Plant Genetic Resources / Weeds

Pub: West Bengal Biodiversity Board, Paribesh Bhavan,

10A, LA Block, Sector III, Salt Lake City, Kol-98

Isbn: 81-85419-80-9 2007, 139p, Rs.50/-

This book describes some weed which are not only use as food and medicine but these are playing an important role to keep balance in biodiversity and also keep environment healthy. This field based information helps to know the aquatic weeds and side by side to conserve these. It also helps to prepare local biodiversity register.

Gachhpalar Baijnanik Nam - 8387/16.02A.10/CHA Chakraborty, Nalini Kanta

Sub: Plants & Plant Genetic Resources

Pub: Gyan Bichitra Prakashani, 11, Jagannath Bari

Road, Agartala-799 001

Isbn: 81-8266-8 2006, 32p, Rs.20/-

This booklet covers the scientific names of some plants which have economic importance and also are used by us for daily needs.

eBook

Seedling Solutions-I; Policy Options for Genetic Resources: People, Plants, and Patents Revisited - E0302/16.02A.10/IDR

IDRC

Sub: Plants & Plant Genetic Resources / Patent /

Biodiversity Pub: IDRC 2000, 112p

Context of this volume has two sections. The first, 'A Wider Lens for Considering Biodiversity and Intellectual Property Issues', provides a wider context for understanding the intellectual property (IP) and biodiversity debate. What are the social, economic and environmental factors that influence intellectual property and biological diversity in the dawn of the new millennium? What

are the recent changes in social attitudes and social awareness that affect the biodiversity and IP debate? This chapter outlines the issues of the loss of biological and cultural diversity, global climate change and increased recognition for the role of farmers and indigenous peoples in conserving, developing and using biological diversity. It also examines the changing roles of public and private sector agricultural research.

Article

Fuelling Land Grab - 8002/16.02A.50/PAN Panda, Ranjan K.

Sub: Energy Rsources / Plant Production / Appropriate Technology

Pub: Sopan / Step, Room # 406, 49-50 Red Rose Building, Nehru Place, New Delhi-110019 2008, Vol.II, Issue.19, 25-28p

This article mainly highlights the most allarming situations faced by the illeterate farmers of Orissa who had been badly cheated & had been forced to give their land in the name of jatropha cultivation through various dubious ways. This article completely gives a clear picture that how the villagers were given high hopes and tricked into selling their land by different corporate sector. This article also clearly revealed that due to this land alienation has began to grow immesely in large propotion in Orissa. It has been seen by the non-government organisation through their study & report that the sown area in that state has decreased by 10 per cent in the last decade, and the average yield of the crops also decreased due to such cause.

Experiment That Failed - 8004/16.02A.50/MUR Murthy, Ramchandra K.

Sub: Energy Resources / Plant Production / Govt. Project

Pub: Sopan / Step, Room # 406, 49-50 Red Rose Building, Nehru Place, New Delhi-110019 2008, Vol.II, Issue.19, 32-33p

This article mainly highlights the acceptance of agrofuel which has been cultivated in major parts of Andhra Pradesh, but it has ultimately failed to achieve its target as a part of government's plan on rural development which has not been profitable for small scale farmers on various grounds. There was a project which has been conducted as per government's plan but after few trials it has been seen that Jatropa cultivation was not been too profitable for farmers as well as for the government. This article also revealed some valuable points based on the cultivation of Jatropa & how the government is planning to promote this variety through a scheme in marginal areas. Though there is awareness been created but its cultivation failed to achieved its importance in Andhra Pradesh.

Eye On Land - 8005/16.02A.50/SHE Shekhar, Chandra

Sub: Energy Resources / Plant Production / Economic Development

Pub: Pub: Sopan / Step, Room # 406, 49-50 Red Rose Building, Nehru Place, New Delhi-110019 2008, Vol.II, Issue.19, 34-35p

This article mainly highlights the concept of Bio fuel which in other way not only promotes the cultivation of Jatropa but side by side it has given rise to grave consequences for small & marginal farmers. Though the government has come up to several plans to alleviate poverty but the concept of biofuel itself will neither improve energy security nor could improve the environment but will help to boost our fuel industry at the detriment of small & marginal farmers who will be forced to give up their grazing grounds making way for Jatropa cultivation. This article possibly focuses all the draw backs of Jatropa cultivation which in other has a fair chance of uplifting our fuel industry.

Many Surprises in Kerala River Rebirth - 8051/ 16.02A.20/PAD

Padre, Shree

Sub: Inland Water Resources / Socio Economic Development

Pub: Civil Society, A 53D, First Floor, Panchsheel Vihar, Malviya Nagar, New Delhi-17 2008, Vol.V, Issue.4, 14-15p

A south Indian river, Kodungarapallam offers a dozen of surprises in its unique rebirth. Even more amazingly, its resuscitation has been made possible by a government organisation generally criticised for being sluggish and corrupt. Nobody knows when the Kodungarapallam disappeared. Attappady Hills Area Development Society, the organisation worked with local tribals to achieve this miracle. The AHADS team took their mission seriously. AHADS is carrying out a unique education programme called 'Enlight' for Irula, Madyga, and Kurumba tribals. The focus is literacy and informal environmental education community resource centres have been built.

Traditional Water Resources: The Dying Wisdom of Himachal Pradesh - 8194/16.02A.20/KAN Kanwar, Promila & Others

Sub: Inland Water Resources / Traditional Culture Pub: Asian Agri History,c/o.AAHF, 47 ICRISAT Colony-1, Brig.Syeed Road, Secunderabad-500009 2008, Vol.XII, Issue.3, 197-209p

The article mainly focuses the splendid natural traditional water resources that has almost covered the entire state of Himachal Pradesh. Through this article it reveals the actual reasons & loss of such traditional water resources due to its negligence in its maintenance & development. It also emphasises on its policies for such resources which has to be properly maintained in order to combat with the growing problem on water scarcity in that state.

Fuels Greening India - 8293/16.02A.50/NAI Nair, Anjana

Sub: Energy Resources / Plant Production
Pub: Agriculture Today, 502, Rohit House, Tolstoy Marg,
New Delhi-110001

2008, Vol.XI, Issue.11, 14-17p

The viability of Indian Biofuel Industry is being dealt with in this article. In the advent of rapid economic growth in India, energy has become the chief concern. The domestic crude oil production, it is evident, will not meet the energy demands. According to the article Introduction of Biofuel can be considered as a devine intervention at this time. The article has emphasized this point through presenting the exerpt of APJ Abdul Kalam's presidential address in coloured box. Another coloured box tells on the varieties of Biofuels. Table presenting the projected

demand of Biofuels, petrol and diesel in quite informative. The benefits of biofuels is wide as presented in another coloured box. As the article finds out that Govt. is actively considering national policy on biofuels.

Lit by Biofuel : A Village of 105 Lit Up Households - 8298/ 16.02A.80/MIS

Misra, Soumya Savvy

Sub: Renewable Resources / Plant Production Pub: Down To Earth, c/o Society for Environmental Communication, 41 Tughlakabad Institutional Area, N.D.110062.

2008, Vol.XVII, Issue.11, 38-39p

Power lines loom over the roads of Ranidhers village, promising electiricity. Installed one year ago, the poles provide little more than hope for the hopeful. The village got accustomed to compact fluorescent lamps. An small power plant, running on biofuel supplies them at least three hours of electricity. Financial support has come from the ministry. British High Commission and the Swiss Agency for Development and Co-operation. The Jatropha-run power plant has three generator sets and a backup generator. One year into the project, Winrock buys Jatropha seeds from markets in nearby areas at Rs.5-16 per kg. Winrock has several other projects lined up for the village.

ENVIRONMENTAL DEGRADATION

Book

Paribesh - 8094/16.03.00/INT INTACH

Sub: Environmental Degradation / Development

Pub: INTACH, Santiniketan, Chapter, Bonopulak Guest House, Shyambati, Santiniketan, West Bengal-731235 2007, 58p, Rs.20/-

This issue of 'Paribesh' contains articles poem related to different aspects of environment specially focussed on 'Shantiniketan' which is facing environmental hazards due to some projects in the name of development. Writers try to explain the local environmental hazards from different angles. One article discusses on the global warming in global perspective.

Paribesh Andolane Ekti Sakriyo Bhavana - 8363/ 16.03.10/YUB

Yuba Bharat, W.B.

Sub: Environmental Degradation / Pollution

Pub : Yuba Bharat, C/O Ekbal Gaji, 32 Purui Main Road, Kolkata-700 061

2009, 19p, Rs.5/-

This booklet highlights the key factors of environmental dregradation in brief and says about the need and possibilities of alternatives which may protect the earth & lives from the environmental degradation and pollution.

Paribesh Dushaner Arthaniti -O- Rajniti - 8367/16.03.11/ NAG

Nagarik Mancha

Sub: Pollution / Economics / Politics

Pub: Nagarik Manch, c/o.Nada Datta, 134 Raja Rajendra Lal Mitra Road, Block-B, Room-7, Kolkata-700 085 2009, 32p, Rs.15/-

This booklet is joint venture of some science & environ-

ment organisations who were participated at a workshop in Kolkata on 30-31 Aug.'09 and took decision to publish a booklet which covers the loss of environment and agricultural land using green revolution technology and capital based agriculture the politics of capital-economics-environmental pollution. Carbon trade is also discussed and from which readers can understand the dangerous impact of it on environment, politics and economics of pollution.

Ekobingsha Satabdir Paribesh Samasya - 8385/ 16.03.10/PAT

Patra, Sudhanshu

Sub: Environmental Degradation

Pub: Dey's Publishing, 13 Bankim Chatterjee Street,

Kolkata-700 073

Isbn: 978-81-295-0838-6 2008, 120p, Rs.60/-

This book deals with the environmental problems in the twenty frist century which threaten the earth and life and livelihood of the people and exsistence of flora and fauna.

Bipanna Basudha : Biparjay Paribesh - 8430/16.03.10/ BHU

Bhukta, Anindya

Sub: Environmental Degradation

Pub: Ekush Shatak, 15 Shyama Charan Dey Street,

Kolkata-700 023

2009, 138+xivp, Rs.100/-

This book is a compilation of series of eassays which focused on environmental problems and degradation. It discusses on the following topics related to environment - global worming, population explosion, ozone gas, green house, acid rain, food crisis vs.fuels, environmental movements and globalisation vs.environmental protection

Global Warming: Bigyan -O- Rajniti - 8057/16.03.10/CHA Chattopadhyay, Atish

Sub: Environmental Degradation / Climate Pub: National Book Agency Pvt. Ltd, 12 Bankim Chatterjee Street, Kolkata- 700 073 2008, 95p, Rs.30/-

This dramatic change of climate the erratic nature is now the major concern for the existence of the civilization, global warming is the main evil for this. The book tries to sort out reason behind global warming. It also throws light to some evil effect of global warming in recent past. It tells about the steps taken by UNO to global warming and political opposition against it. It also suggest some alternative ways and there merrits and demerrits and global warming. The book is very informative and helpful for any research worker.

Biswayata Unshayan -O- Jalobiyur Paribartan - 8346/ 17.02./00/BAS

Basu, Biplab Bhusan (ed.)

Sub: Climate / Environmental Degradation Pub: School of Fundamental Research, Kolkata 2008, 76p

This book mainly discusses on the global worming and its impact on the earth and the life. To discussing this topic the author discusses on carbon transference, waste & solid waste management, vermicompost, conservation of water resources, bio diversity etc. which are related to

IBRARY NEWS

Biswa Ushnayan -O- Tar Bipad - 8398/17.02.00/BAS

Basu, Dilip

Sub: Climate / Disaster

Pub: Gyan Bichitra Prakashani, 11, Jagannath Bari

Road, Agartala-799 001 Isbn: 978-81-8266-136-3 2008. 50p. Rs.30/-

This book highlights the natural disasters occurred due to global warming in every countries across the world. It tries to analysis the problem from the scientific view point and aware the people about the problem.

Bhu-Unshanyan Theke Bi-Unshanyan : Purosabha -O-Panchayeter Jonye Ekguchha Karmosuchi - 8402/ 17.02.00/GON

Gonchowdhury, Santipada

Sub: Climate / Environmental Degradation

Pub: Gonchowdhury, Santipada

2008, 41p, Rs.50/-

This book discusses with problems related to climate which are gradually changing due to global warming. This book also presents some activities which protect the earth and people from the global worming. Those activities should be eco-friendly and introduced at the all levels of society by the panchayet and municipality. In perspective of global-warming it highlights on the programmes which to be executed. The aim of this book is to help people representatives in preparing the plan to solve the climatic related problems.

Global Warming -O- Paribesh Biparjay - 8069/17.02.00/ DAN

Dan, Dipak Kumar

Sub: Climate / Environmental Degradation

Pub: Gan Bichitra Prakashani, 11 Jagannathbari Road,

Agartala-799001

Isbn: 978-81-8266-110-3

2008, Issue.80, 40p

Global warming is a major threat for civilization. The erratic climate, the unexpected natural disaster indicate some awful end of civilisation. This book gives a basic idea about our environment and the changes occuring in the recent time. Providing informations regarding the danger of global warming it tries to develop a basic awareness among people. It also suggests some alternative ways to fight against the problem of global warming. This book helps the every student and interested persons to understand the basic idea of this issue.

eBook

Policy Implications of Greenhouse Warming : Mitigation, Adaptation and the Science - E0329/16.03.10/NAP

NAP (National Academy Press)

Sub: Environmental Degradation Pub: National Academy Press, USA

1992, 944p

The report identifies what should be done now to counter potential greenhouse warming or deal with its likely consequences. The recommendations, if followed, should provide the United States, and the rest of the world, with a rational basis for responding to this important concern.

Soil Degradation - A threat to Developing Country - E0335/16.03.10/SCH

Scherr. Sara J.

Sub: Environmental Degradation / Soil / Soil Erosion

Pub: IFPRI, Washington, USA

1999, 71p

In this comprehensive paper, Sara J. Scherr lucidly explains why and when soil degradation should be of particular concern to policymakers interested in assuring food security. She reviews over 80 recent studies to assess the past and present food-security related effects of soil degradation, and, on the basis of this evidence and assessments of the likely future trends in agricultural land use, she predicts future patterns of soil degradation and the threats they pose to food security in the developing world by 2020.

Soil Degradation - E0336/16.03.10/BAL

Ballayan, Dominic

 ${\bf Sub: Environmental \, Degradation \, / \, Soil \, / \, Soil \, Erosion}$

Pub: FAO 2000, 25p

Soil degradation is on the increase worldwide, especially in the countries within the tropics. Mismanagement of arable areas by farmers and grazing areas by livestock owners is one of the major causes of soil degradation. Land/soil degradation can either be as a result of natural hazards or due to unsuitable land use and inappropriate land management practices. All these have been discussed in this booklet.

An Overview of Our Changing Environment - E0338/ 16.03.10/HAR

Harrison, Paul (ed)

Sub: Environmental Degradation

Pub: UNEP, Kenya

2008, 60p

The Global Overview of this UNEP Year Book highlights recent insights about accelerating carbon emissions including increasing ocean acidification, weather pattern variations, and global ice melt and the implications for sea level rise. The Overview also examines mounting pressures on biodiversity and provides quick guides to significant environmental events and climate anomalies in 2007, as well as an overview of progress in international environmental governance.

Child Oriented Participatory Risk Assessment and Planning - A Toolkit - E0362/16.03.00/LUN Luneta, Mayfourth D.

Sub: Disasters

Pub: Center for Disaster Preparedness (CDP), Philippines

2007, 20p

This manual describes how to assess disaster risks and particular strengths and weaknesses of children and the community through participatory means. It also Identify the needed information to gather in the risk assessment process.

Communicating Disasters - An Asia Pacific Resource Book - E0364/16.03.00/GUN

Gunawardene, Nalaka & Noronha, Frederick (ed)

Sub: Disasters

Pub: UNDP, Rajdamnern Nok Avenue, Bangkok 10200, Thailand

2007, 164p

There are certainly great benets to be reaped if strengthened understanding and common ground can be forged between dierent media outlets, government departments and development agencies when disasters strike. This publication is one contribution toward leveraging the reach of the media and ICTs to better inform citizens and save lives.

Human Rights and Natural Disasters - Operational Guidelines and Field Manual - E0365/16.03.00/KAL Kalin. Walter

Sub: Disasters / Human Rights

Pub: Brookings-Bem Project on Internal Displacement, 1775

2008, 93p

To promote and facilitate a rights-based approach to disaster relief, the Inter-Agency Standing Committee (IASC) adopted Operational Guidelines on Protecting Persons in Natural Disasters. This Pilot Manual has been drafted to accompany the Operational Guidelines. It intends to help people in the field to understand the human rights dimensions of their work in disaster response while giving them practical examples and operational steps about how some of these seemingly abstract concepts may be implemented.

Total Disaster Risk Management Handbook - E0371/ 16.03.00/NOS

Nosa, Linda

Sub: Disasters

Pub: Asian Disaster Preparedness Centre 2005, 50p

Total disaster risk management views disaster as the result of unresolved development problems. This handbook provides a balanced approch to reducing the consequences of disester by addressing prevention, mitigation response and recovery services.

Natural Disaster Preparedness & Education for Sustainable Development - E0376/16.03.00/UNE UNESCO

Sub: Disasters / Educational Guidance

Pub: UNESCO, 920 Sukhumvit Rd., Prakanong, Banglok

10110

2007, 84p

Natural Disaster Preparedness and Education for Sustainable Development provides details of the development of culturally appropriate and locally relevant educational material for natural disaster preparedness that targets key stakeholder groups and integrates Education for Sustainable Development (ESD) principles and strategies. It is expected to develop and strengthen a regional network to implement and further ESD initiatives throughout the region by promoting education for natural disaster preparedness as well as ESD.

Tools for Mainstreaming Disaster Risk Reduction : Guidance Notes for Development Organisations - E0381/ 16.03.00/BEN

Benson, Charlotte & Twigg, John

Sub: Disasters / Development Organisations

Pub: Provention Consortium, P.O.Box 372, CH-1211, Geneva 19, Switzerland 2007. 184p

This handbook provides a series of 14 guidance notes for use by development organisations in adapting programming, project appraisal and evaluation tools to mainstream disaster risk reduction into development work in hazard-prone countries. The guidelines are deliberately intended as short, practical briefs supplementing existing, more general, guidelines on programming, appraisal and evaluation tools.

Global Warming - A Mind Mapper's Guide - E0306/ 17.02.00/JAN

Jane. Jenovese

Sub: Climate / Environmental Degradation

Pub: Jane, Jenovese

2007, 103p

This book contains a series of mind maps related to climate change information and environment degradation.

Global Warming - What You Can Do - E0307/17.02.00/ EWI

Ewings, Stephen

Sub: Climate / Environmental Degradation

Pub: Global Green House

2007, 26p

This book explains many ways by which we can reduce the impacts of global warming, some very simple whilst other required a more focussed approach.

Climate Change Futures - Health, Ecological and Economic Dimensions - E0311/17.02.00/EPS Epstein, Paul R. & Evan Mills

Sub : Climate / Health

Pub: The Center for Health and the Global Environment 2006, 142p

This report examines a wide spectrum of physical and biological risks we face from an unstable climate. It also aims to further the development of healthy, safe and economically feasible energy solutions that can help stabilize the global climate system.

Global Environment Change: Research Pathways For the Next Decade - E0324/17.02.00/NAP

NAP (National Academy Press)

Sub: Climate / Environmental Degradation Pub: National Academy Press, Washington 1999, 622p

As this report was being prepared, to forge an agreement on goals to cut greenhouse gas emissions. Such agreements set environmental goals, which will clearly affect scientific priorities as well as economic paths in the coming decade. In this report the Committee on Global Change Research (CGCR) provides guidance on such a framework by clarifying especially promising pathways for the planning of future research on global environmental change.

Under the Weather: Climate, Ecosystems & Infectous

Diseases - E0325/17.02.00/NAP NAP (National Academy Press)

Sub: Climate / Environmental Degradation
Pub: National Academy Press, Washington, USA

2001, 160p

This study explores the linkages among climate, ecosystems, infectious diseases, and human health. This study is global in scope; populations around the world. The study focuses only on the issue of infectious diseases, but it should be noted that there are many ways that climate and weather can affect human health, including the direct physical impacts of temperature extremes and severe storms, and the respiratory effects of heatexacerbated air pollution.

Understanding Climate Change Feedback - E0326/ 17.02.00/NAP

NAP (National Academy Press)

Sub: Climate

Pub: National Academy Press, Washington, USA 2003, 166p

The report specifically discussed the importance of reducing the uncertainties associated with climate change feedbacks such as water vapor, clouds, and snow cover. This is an attempt to look in detail at that challenge and identify ways to improve our understanding of climate change feedback processes.

Indigenous & Traditional Peoples & Climate Change - E0333/17.02.00/MAC

Macchi, Mirjam

Sub: Climate / Indigenous Population

Pub: IUCN 2008, 66p

The publication critically analyses the treatment of traditional and indigenous people in climate change policy documents, identifies the determining factors of social and biophysical vulnerability of indigenous and traditional peoples. It also describes the projected impacts of climate change on coastal areas; islands; tropical forests; and drylands. It provides case studies showing that climate change is already.

The Greenhouse Effect and Climate Change - E0334/ 17.02.00/BOM

Bureau of Meteorology

Sub: Climate / Environmental Degradation Pub: Bureau of Meteorology, Australia 2007, 78p

This booklet presents the scientific basis for understanding the nature of human-induced climate change within the context of the complex and naturally-varying global climate system. It describes: the important role of the natural greenhouse effect together with a number of other largescale processes in determining the range of temperatures observed at the earth's surface.

Climate Change: Impacts, Vulnerabilities and Adaptation in Developing Countries- E0340/17.02.00/UNF UNF (United Nations Framework)

Sub: Climate / Environmental Degradation

Pub: UNFCCC 2008, 68p

In this book, background information on climate change and why adaptation is needed in developing countries is provided. It also explains how the UNFCCC, which provides the basis for international action on climate change, is helping adaptation efforts in developing countries.

Climate Change and Urban Children - E0345/17.02.00/BAR

Bartlett, Sheridan

Sub: Climate / Environmental Degradation

Pub: IIED 2008, 74p

This paper discusses the probable impacts for children of different ages from the increasing risk of storms, flooding, landslides, heat waves, drought and water supply constraints that climate change is likely to bring to most urban centres in Africa, Asia and Latin America. It also explores the implications for adaptation, focusing on preparedness as well as responses to extreme events and to changes in weather patterns.

Global Environmental Change: Research Pathways for the Next Decade - E0348/17.02.00/BUR

Burton, Ian & Others

Sub: Climate / Environmental Degradation / Development Strategy

Pub : National Academy Press, Washington, USA 1999, 616p

A sharply focused scientific strategy and a coherent programmatic structure are both critically needed to combat climate change. This publication seeks to provide a framework for such a strategy and structure. The elaboration and implementation of this scientific strategy and programmatic structure will be the principal challenge for global change research over the course of the next decade.

Global Environmental Change: Understanding the Human Dimensions - E0349/17.02.00/YOU Young, Oran R.

Sub: Climate / Environmental Degradation

Pub: National Academy Press, Washington, USA 1992, 320p

This book examines what is known about the human dimensions of global environmental change, identifies the major immediate needs for knowledge, and recommends a strategy for building that knowledge over the next 5-10 years.

Climate Protection Manual for Cities - E0374/17.02.00/ LOV

Lovins, L. Hunter

Sub: Climate / Environment Protection

Pub: Natural Capitalism Solutions (NCS), USA 2007, 319p

This manual will show mayors how to reduce green-house gas emissions in his/her unique community. This handbook describes about various possible steps to combat climate change incities. It also provides resources, tools, programs and case studies of how cities and communities have worked to reduce their emissions, reduce the impact of their current emissions and adapt to the changes created by global warming.

Integrated Risk Management to Protect Drinking Water and Sanitation Services Facing Natural - E0359/ 17.05.10/MCL

McIntyre, Peter

Sub: Water Management / Disasters / Drinking Water

Pub: IRC International Water and Sanitation Centre, The Netherlands

2008, 58p

This document is a guide book for professionals, agencies, and authorities in the health, drinking water and sanitation sectors, to enrich perspectives and to provide updated information on alternatives for strategic interventions to combat risks inherent in drinking water and sanitation services.

Climate Change and Children - E0386/17.02.00/UNI UNICEF

Sub: Climate / Children

Pub: UNICEF, 3 United Nations Plaza, New York, NY

10017, USA 2006, 24p

This publication gives children a voice on climate change. Young people today are aware of the need to protect the environment. Millions of young lives have been saved by the expansion of such basic services as primary health care, nutrition programmes, and adequate water supply and sanitation, showing that progress for children is possible.

Occassional Paper

Advocacy on Improving Early Warning - 1505/09-026/ 16.03/1505 (see also 16.05) SPADE

Sub : Environmental Degradation / Environmental

Protection
Pub : SPADE. Kolkata

PUD: SPADE, KOI

2009, 15p

This draft report of the project titled 'Disaster Risk Reduction in Eastern states of India' which has been coordinated by SPADE in 4 distrits of West Bengal as zone wise like east zone, south zone, west zone and north zone. It mentions the activities related to strengthen the coordination between the stakeholders of emergency response and impact. Objective of Disaster Risk Reduction through preparedness, awareness raising and advocacy with PRIs and NGO and also presents the importance of early warming in disaster management of four zones with profile of districts,gaps and recommendations.

Article

Distress Sales - 7956/16.03.11/AWA

Awasthi, Kirtiman

Sub: Pollution / Natural Resources / Ground Water Pub: Down To Earth, c/o Society for Environmental Communication, 41 Tughlakabad Institutional Area, N.D.110062.

2007, Vol.XVI, Issue.15, 36-37p

This article mainly highlights the problems of plantation of flora & fauna caused by infections plants and also there are reports of ground water depletion in many places of Ramnagar district of Karnataka. To overcome such problem various environmentalist, NGO & other government & Non Government Organisations have come forward with different plans & projects but they could come up to a right solution & ultimately failed to keep the promising of the farmers which has been clearly focused in this article.

Carbon Credits - 7978/16.03.10/SHA Sharma, Kamakshi

Sub: Environmental Degradation / Atmosphere Pub: Science Reporter, c/o.NISCAIR, CSIR, Dr. K.S.Krishnan Marg, New Delhi-110012 2008, Vol.XLV, Issue.1, 29-32p

The article highlights about the concept of carbon credits which is been given in the form of a short story. Today all over the world there are great environmental hazards & destruction which causes rising green houses gases in the atmosphere & this cause planet earth limping slowly back to normally. This green house trends were showing signs of reversal & far this there was both hope & optimism.

Environment, Health And Pollution Control - 8060/ 16.03.11/OUG

Ougapparampil, Sebastian

Sub: Pollution / Public Health

Pub: Health Action c/o.The Catholic Health Association of India P.O.Box2153,157/6 Staff Road, Gunrock Enclave, Secunderabad 500009, Andhra Pradesh, India 2008, Vol.XXI, Issue.4, 18-22p

This article mainly highlights the impact of air pollution, concept of E-waste, global warming on human health. This article discusses the types of pollutants and how these can effect social environment, sustainable development, industrial development & ecofriendly life styles of our country. Lastly it emphasizes on low pollution technology and other health insurance packages which has to be inculcated by the citizens to take the responsibility of ecorestoration and levil a positive health to human mankind by facing & overcoming all the environmental challenges in the present millenium.

Arsenic Toxicity: A Major Health Risk - 8061/16.03.11/ RAH

Rahman, Britan

Sub: Pollution / Public Health / Drinking Water Pub: Health Action c/o.The Catholic Health Association of India P.O.Box2153,157/6 Staff Road, Gunrock Enclave, Secunderabad 500009, Andhra Pradesh, India 2008, Vol.XXI, Issue.4, 26-28p

This article mainly highlights the major concerns faced, situation arises due to various health hazards it detection, ocurance, its consequences & other remedial processes evolved to eradicate arsenic toxicity in drinking water which can be a major health risk of the 80% of the rural population who are badly effected every year by all sorts of enteric diseases.

Trade Marks - 8079/16.03.10/AWA Awasthi. Kirtiman

Sub: Environmental Degradation / Social Service / Multinational Enterprises

Pub: Down To Earth, c/o Society for Environmental Communication, 41 Tughlakabad Institutional Area, N.D.110062

2008, Vol.XVI, Issue.20, 47p

This article mainly highlights that how a Mumbai based NGO Karmayog who has in its rating undermined several corporates for environmental degradation but without taking into consideration the mitigation. The study reveals the activities of the corporate irresponsibilities that

includes governance and environmental sustainability besides social or community issues with a more positive approach that it to be maintained & organised for its improvement for such companies.

Jalabayu Paribartan (7 articles) - 8193/16.03.10/DHA Dhanadhanye

Sub: Environmental Degradation / Climate

Pub: Dhanadhanye, c/o.Ministry of Information & Broad Casting, GOI, East Black-IV, Level-VII, R.K.Puram, N.D.110068

2008, Issue.6, 6-29p

This issue compiles total seven small articles which highlight on the environmental changes that occurs on earth due to the effect of global warming which has almost shook the international aids & policies where the scientists hold a different views altogether. We also come to know the future & the past happenings that had already took place due to the green house gas effect on earth and what will be our role & the role of different countries which comes under the effect of global warming. It also focuses on different information mainly on the carbon business process & the rate of emission in different countries & its environmental changes. Lastly the article overall categories the different environmental effects & changes occurred in our country due to different environmental changes and also discusses the controversies, issues and the different summits that has occur in many developing countries in Asia for getting a clear solution on the rising effects and changes in environment.

In Cold Bloods - 8204/16.03.00/AWA

Awasthi, Kirtiman

Sub: Environmental Degradation / Climate / Natural Resources

Pub: Down To Earth, c/o Society for Environmental Communication, 41 Tughlakabad Institutional Area, N.D.110062

2008, Vol.XVII, Issue.2, 42p

The article focuses the adverse effects of global warming that affects the physical & biological system of all living creatures specially on some specific insects which are on the verge of extinction due to the invariability of temperature. This effects has been more prominent in case of such insects living in different habitat which also effects their physiological activity.

Climate Change Studies In Indian Agriculture - 7986/ 17.02.00/KAU

Kavi Kumar, K.S.

Sub: Climate / Agriculture

Pub: EPW, c/o.Hitkari House, 284 Shahid Bhagat Singh Road, Mumbai-400001

2007, Vol.XLII, Issue. 45&46, 13-18p

This article discusses about the effect of climate change on Indian agriculture, which covers three strands of assessment i.e. impact, vulnerability and adaptation. Total framework regarding these assessment are briefly discussed through this article.

Carbon Counting and Oil and Climate Change - 7992/17.02.00/BHA

Bharadwaj, Anshu

Sub: Climate / Environmental Degradation

Pub: EPW, c/o.Hitkari House, 284 Shahid Bhagat Singh

Road, Mumbai-400001 2007, Vol.XLII, Issue. 50, 13-15p

The Intergovernmental Panel on Climate Change (IPCC) Report calls for deployment of renewable of carbon-free technologies that are currently available or will be commercialised in coming decades. Wind power is reasonably mature technology and India with its installed capacity of 7,600 MW, is the fourth largest in the world oil bearing crops such as jatropha, pongamia pinnata and mahua can be used to produce biodiesel, which is an effective substitute for diesel. India has abundant and cheap coal reserves and coal accounts for 51 per cent of the present commercial energy supply. A large number of research and development programmes are required to prove several of these technologies for large-scale implementation.

UNDP Report Focuses On Climate Change Impacts - 8046/17.02.00/TWR

Third World Resurgence

Sub: Climate / Report / Environmental Degradation Pub: Third World Resurgence, 131 Jalan Macalister, 104000 Penang, Malaysia 2008, Issue. 209-210, 41-42p

This article mainly highlights the United Nation's Development Programme's Human Development Report 2007-2008 which was released just before the Bali conference. This article clearly focuses the threat posed by global warming & the challenges that the entire human community has undertaken in the recent years to save our planet from such disaster. There are enormous recommendation & findings which has been highlighted through this report.

Indian Agriculture and Climate Change - 8109/17.02.00/ KAS

Kashyap, Shewanti N.

Sub: Climate / Agriculture

Pub: Social Action, 10 Institutional Area, Lodi Road, New Delhi-110003

2008, Vol.XLVIII, Issue. 2, 130-141p

This article mainly highlights the impact of climate on Indian agriculture and its various adaptation to such climate impacts with a view of focusing various crop developing. Models related to mainstream climatic effect in sustainable development with suitable recommendations.

Impacts of Global Warming - 8110/17.02.00/ADV Adve, Nagraj

Sub: Climate / Environment / Agriculture

Pub: Social Action, 10 Institutional Area, Lodi Road, New Delhi-110003

2008, Vol.XLVIII, Issue. 2, 144-156p

This article mainly highlights the concept of global warming which has its huge impacts in its environment all around the globe as well as its impacts are quite distinct in India. This effects the environmental and agricultural pattern of our country with respect to its climate in technological and urban development. It has also given some of its views & suggestions to overcome the global warm crisis and maintain a more sustainable pattern of development by cutting down all necessary consumptions for good technological progress and restore proper balance with nature.

Black Fever: Soot from Biomass Burning Speeds up Global Warming - 8146/17.02.00/D'SO

D'souza, Mario

Sub: Climate / Environmental Degradation

Pub: Down To Earth, c/o Society for Environmental Communication, 41 Tughlakabad Institutional Area, N.D.110062.

2008, Vol.XVI, Issue. 26, 47p

The article focusses on production of soot as the primary agent for making global warming. Interestingly developing countries like China and India are hold responsible for 25-35 per cent of total soot production. Some alarming facts are documented here in this article.

Climate Changes - 8183/17.02.00/YOJ Yojana

Sub: Climate / Environment

Pub: Yojana, c/o. Yojana Bhavan, Sansad Marg, New

Delhi

2008, Vol.LII, Issue. 6

The articles of this issue are dedicated to climate change. The pertinent question in relation to combat the climate change is how to achieve that. The articles are well distributed in terms of interviews, information factsheet, and best practices. The bottomline of all the efforts is 'Economic Development and Sound Environmental Policies are not in conflict and they need to go hand in hand'.

Global Warming : Causes & Solutions - 8217/17.02.00/ AHL

Ahlavat, Sharmila

Sub : Climate

Pub: Kurukshetra, Room No 655/661, Nirman Bhawan, A-wing (Gate no.5), Ministry of Rural Development, New Delhi-110011

2008, Vol.XLVI, Issue. 9, 31-33p

This article highlights on global warming its chief causes and the solutions and measures been taken to prevent global warming. Today global warming poses an extraordinary challenge and various efforts been made by the government through industries and technological support for overcoming such challenges through a friendly path.

Global Warming & Food Shortages - 8218/17.02.00/GUP Gupta, K.S.

Sub: Climate / Food Shortage / Plants & Plant Genetic Resources

Pub: Kurukshetra, Room No 655/661, Nirman Bhawan, A-wing (Gate no.5), Ministry of Rural Development, New Delhi-110011

2008, Vol.XLVI, Issue. 9, 26-30p

The article highlights on the possible threats of genetic diversity and various perspective of plant genetic resources and dynamics of plant domestication. It also discusses on the transformation & history of plant exploration and various germplasm collections and also focuses on the objectives and aims of ISPGR (Indian Society of Plant Genetic Resources) which warks on such issues.

The Global Warming Regime After 2012; Towards a New focus - 8231/17.02.00/CUL

Cullet, Philippe

Sub: Climate

Pub : EPW, 320-321, Ato Z Industrial Estate, Ganapatrao Kadam Marg, Lower Parel, Mumbai-400013

2008, Vol.XLIII, Issue. 28, 109-117p

The article highlights the problems and effect of global warming which has been more suffering for the poorer countries as well as enhancing the problems of the richer countries without finding a clear solution. The articles also finds out many effective reasons & various measures & strategies that could be taken for a better solution and that also gives a more comprehensive approach to such problems.

Occasional Papers

SIDR Bipanna Sunderban - 1499/09-020/17.02/1499 CCEC (Centre for Coastal Environmental Conservation)

Sub: Climate & Meteorology

Pub: CCEC (Centre for Coastal Environmental Conservation), House #93, Road#2, Sonadanga R/A, Khulna-9000

2008, 12p

This newsletter presents the introduction of project named 'SIDR Khatigrastha Sundarban Professional Rehabilitation Project' with the activities. The area SIDR in Khulna, Bangladesh was devasted and damaged by natural cyclone on 15th Nov. 2007 and CCEC and WWF Italia have jointly taken this project under the assistance of AGIRE for the rehabilitation of affected people who are professionally dependent on Sunderban resources.

Creating a Climate for Change - 1487/09-008/17.02/1487 Christian Aid

Sub: Climate & Meteorology

Pub: Christian Aid, P.O.Box 100, SE1 7RT

2008, 6p

This newsletter is on the campaign for climate change, which is the latest campaign of Christian Aid, England.

Mausam Talking Climate in Public Space - 1493/09-015/17.02/1493

MAUSAM

Sub : Climate & Meteorology

Pub: Soumitra Ghosh, Desbandhu Para, Siliguri-734404 2008, 34p

This issue of a newsletter deals with: i) Climate crisis and people's struggle; ii) India's climate action plan; iii) Carbon Trading, etc.

First, Words, Now, Action : Time for a New Deal on Climate Change - 1496/09-017/17.02/1496

The IIED Times

Sub: Climate & Meteorology

Pub: The IIED TIMES

2008, 16p

This special climate change edition of the IIED Times presents articles on different aspects of climate change and the activities of IIED, International Institute on the different aspects of climate change.

Community Based Adaptation to Climate Change - 1497/ 09-018/17.02/1497

RIFT (Rupantar Institute of Folk Teatre)

Sub: Climate & Meteorology

Pub: RIFT (Rupantar Institute of Folk Teatre), 21,

Farazipara Lane, Khulna-9100 6p

This booklet is a compilation of songs on the climate change and conserve, environment and used it as a awareness campaign material to aware people about climate change.

CLIMATE ASIA - 1503/09-024/17.02/1503 CANSA

Sub: Climate & Meteorology

Pub: Climate Action Network - South Asia, Dhaka-1212, Bangladesh

2008, 8p

This issue of Climate Asia newsletter deals with the various aspects of climate change focuses on Bangladesh climate change strategy and Action Plan 2008.

Community - Based Adaptation : Climate Change Adaptation in Action - 1501/09-022/17.02/1501 UNDP & Others

Sub: Climate & Meteorology

Pub: UNDP

6p

The Community Based Adaptation Programme seeks to encourage systematic change in national adaptation - related policy through evidence based results from a portfolio of community-driven climate change risk management projects. The initiative seeks to support 8-20 projects in each of ten pilot countries and a total of 80-200 projects globally by 2012. Taking a natural resource management approach, the CBA programme focusses on adaptation approaches that also generate global environmental benefits in areas such as biodiversity conservation and sustainable land management. This paper presents the 10 pilot developing countries where projects have already started.

environmental engineering eBook

The Manual on Right To Water & Sanitation - E0301/ 16.04.23/KHA

Khalfan, Ashfaq & Others

Sub: Sanitation Services / Water Supply

Pub: Centre on Housing Rights and Evictions, Geneva 2007, 212p

This Manual starts out with a clear expose of the contextual issues surrounding the water and sanitation crisis in many countries of the world, encompassing legal foundations, entitlements, responsibilities and questions of accountability. The Manual rightly accords a prominent place to considering the needs of marginalised and disadvantaged individuals and groups, in line with the practise of the Committee on Economic, Social and Cultural Rights (CESCR). Undoubtedly, the chapter focusing on the respective responsibilities of various actors, including the international obligations of States parties to the ICESCR, particularly in relation to development assistance and trade and investment, will also benefit readers greatly.

Article

Indigenous Knowledge System of Waste Management

in Nigeria - 7958/16.04.21/AJB Aibade. LT

Sub: Waste Recycling / Traditional Knowledge Pub: ndian Journal of Traditional Knowledge, c/ o.NISCIR, Dr. K.S. Kirishnan Marg, New Delhi-110012 2007, Vol.VI, Issue.4, 642-647p

This paper examines the Indigenous Knowledge Systems of waste management in Nigeria with particular, emphasis on waste reduction techniques of reuse & recycling which is seen in major Nigerian cities. Through this article it focuses the various explorations of the indigenous waste management practices and it also recomments further researches of the exsisting methods that is to the complimented with various scientific & technological efforts under the Ministry of Environment.

Women Enjoy Better Health by Rycycling Farm Wastes -Experience of Gram Vikas - 7975/16.04.21/MOH Mohapatra, Pradip Kumar

Sub: Waste Recycling / Agri. Product / Women Pub: Leisa India, c/o.AME Foundation, No.254, 100 Feet Ring Road, Bansankari, 2nd Block, 3rd Stage, Bangalore 560078, India

2007, Vol.IX, Issue.3, 22p

This article highlights about the working area of Gram Vikas, a leading NGO in the state of Orissa, has engaged themselves for the upliftment of the poor & marginalized communities. This article also focuses that this NGO is started propagating bio-gas in Ganjam district of Orissa which is an accepted alternative technology. Through this programme on recyling waste for fuel & fertilizer has benefited both men & women as a technology inpur for men & as a means of social change for women which has been discussed through this article.

Why Waste a Chance? - 8035/16.04.00/CHA Chaturvedi, Bharati

Sub: Waste Management

Pub: Down To Earth, c/o Society for Environmental Communication, 41 Tughlakabad Institutional Area, N.D.110062.

2008, Vol.XVI, Issue.16, 50-51p

Cities are now redesigned to look after themselves, become 'viable' entities on the balance sheet. It's called urban enterpreneurism. In this ready new world, waste occupies an important position not because of its physical attributes but of services required to manage it. Waste has always been managed and recycled by indigenous private players in India. These private players are excluded from the grand plans for waste management; perhaps because they are embedded in everyday life, perhaps because the fruit of their low capital investment is poorly appreciated. The poors aren't the only losers. The rest of the city loses too. Urbanization rates forecast for India means that our towns and cities will simultaneously house more poor and generate more waste. Why ignore it, then?

Toxics In Your Backyard - 8036/16.04.22/KAU Kaur, Ravleen

Sub: Waste Disposal

Pub: Down To Earth, c/o Society for Environmental Communication, 41 Tughlakabad Institutional Area, N.D.110062

2007, Vol.XVI, Issue.16, 26-32p

Industrial units illegally dump hazardous waste in remote fields. Often crossing state borders to dodge the law and cut costs. Fearing that the sludge would destroy the surrounding farms, the villagers complained to the police several times, but each time the police turned them away. It is very difficult to trace the waste to the generator even if tracked, there will be no solid evidence to implicate the culprit. It is only possible only if industries and transporters follow the rules. The problem persists because of high disposal costs. The cost of treatment of one tonne of waste range between Rs.800 and Rs.1200, so it is easier to give it for Rs.500 to smugglers who earn on it by selling barrels.

Active Danger - 8078/16.04.22/PAL Pallavi, Aparna

Sub: Waste Disposal / Industrial Waste / Health Hazards

Pub: Down To Earth, c/o Society for Environmental Communication, 41 Tughlakabad Institutional Area, N.D.110062

2008, Vol.XVI, Issue.20, 39p

This article mainly highlights the pathetic and most drastic condition of more than 50,000 people who have been seriously effected by the radioactive waste imperials at Jharkhand in Jaduguda. The study shows the major congenital deformitics which has turned to be more secure in creating several health problems which is very high in percentage in such areas. It also discusses that how government failed to come to any solution regarding rehabilitation of the people and it also warns the authorities to conduct proper health studies before starting such projects in such areas as well as in other parts of the country.

Biodegradable Plastics : Ecofriendly Plastics - 8257/ 16.04.20/PAR

Parveen, S. Nazaneen

Sub: Waste Management / Plastic

Pub: Agrobios (India), Agro House, Behind Nasrani Cinema, Chopsoni Road, Jodhpur-342002 2008, Vol.VII, Issue.4, 23-24p

The article highlights on the introduction & usage of Bioplastics in modern times by overcoming all the hazards faced in the conventional plastics manufacturing. It also focuses on the formaltion of such plastics by discussing its advantages in different household and environmental application.

- ENVIRONMENTAL PROTECTION

Book

Bharater Bandh - 8092/16.05.14/BAS

Basu, Asim Kumar

Sub: Water Conservation / Water Management Pub: Paschimbanga Rajya Pustak Parsad, 6A, Raja Subodh Mallick Square, 9th Floor, Kol-700 013

Isbn: 81-247-0330-2 2000, 95p, Rs.75/-

Author discusses on the conventional and modern construction of dams in India with his practical experience in this field. A list of important dams in India is included in annexure. The following areas related to dam are discussed in this book. Background history of dam,

materials for dam construction. Types of dam, water reserviour, production of hydro electricity, problems related to foundation structure of dam and their solution and protective measure etc.

eBook

Conserving Biodiversity: A Research Agenda for Development Agencies - E0339/16.05.00/RUS Ruskin, F.R. (ed)

Sub: Resource Conservation & Restoration / Natural Resources / Wildlife Protection

Pub: National Academy Press, Washington, USA 1992, 140p

Most people want to protect wildlife and natural resources, but do not know how best to act. At the same time, there is great urgency to act. This report has been prepared to provide the critical information needed by decision makers in formulating policy and designing programs to conserve biodiversity. There are three areas of conservation, economics, and cultural aspects are the most important from the perspective of development agencies.

Perspective on Biodiversity: Valuing Its Role in an Everchanging World - E0341/16.05.00/NAP NAP (National Academy Press)

Sub: Resource Conservation & Restoration Pub: National Academy Press, Washington, USA 1999, 168p

Conservation of biodiversity does not enter into resourcemanagement decisions in only one way. It is a vital element in sustaining natural processes. But management of natural systems involves many tradeoffs between conservation of biodiversity and other management goals. This report reviews current understanding of the value of biodiversity and the methods that are useful in assessing that value in particular circumstances.

Protecting Biodiversity - E0390/16.05.00/SUS Susan, Perkoff Bass

Sub: Resource Conservation & Restoration

Pub: IDRC, P.O.Box 8500, Ottawa, ON, Canada K1G 3H9 2000

The three mutually reinforcing objectives of the Convention on Biological Diversity (CBD) — conservation, sustainable use, and equitable sharing of benefits from biodiversity — constitute the new standard for successful environmental practices. If it is to be feasible to protect the remaining stock of biological diversity, we must collectively focus on policies to promote conservation and sustainable use and thereby ensure that all societies can develop without destroying the natural systems on which their prosperity depends. Protecting Biodiversity is an important contribution to this objective.

Article

Ground Swell - 7955/16.05.14/DTE

Down To Earth

Sub: Water Conservation / Irrigation / Socio Economic

Condition

Pub: Down To Earth, c/o Society for Environmental Communication, 41 Tughlakabad Institutional Area,

N.D.110062

2007. Vol.XVI. Issue, 15, 22-30p

This article highlights the growing problem of Hirakud Dam crisis in Orissa which has completely effected thousands of farmers in their irrigation process. There had been lot of protests, meetings & agitations taken against the industries & government's role in compensating such damage. Although there are lot of efforts been made by the famers for standing against government's decision but such Hirakud reservior crisis cannot provide water both in irrigation & industries. This challenge of development still lies in balancing the competion water demands by the industries by compensation the water crisis in Orissa.

Carbaner Karbar : Green House Samasyar Anyrakam Samadhan - 7968/16.05.10/IBR

Ibrahim, Muhammad

Sub: Environmental Protection / Climate

Pub: Bigyan Samoyiki, c/o.Vigyan Ganashiksha Kendro, House No.828, Road-19 (old), Dhaka 1209 2007, Vol.XLVI, Issue.8, 9-16p

This article highlights about different factors which should be taken to eradicate green house gas & carbon-di-oxide. These factors are: Protect of climatic change; Wipe out of green; Methods of differentiation of carbon-di-oxide from green house gas; Emission of carbon-di-oxide. This article also find out the place where there gases are properly dumped & also gives different examples regarding this matter. Different strategies should be taken to protect environment from this gases which has been informed.

A Better Way - 8025/16.05.12/SAN Sanctuary Asia

Sub: Protected Areas / Forest

Pub: Sanctuary Asia, 145/146, Pragati Industrial Estate, N.M.Joshi Marg, Lower Paril, Mumbai 2008, Vol.XXVIII, Issue.1, 20-25p

This article mainly highlights the intimate connection of forest & climate which has been a serious issue of ecological disintegration. This article mainly focuses the existence of the sanctuary which have cautioned the Indian Government against the dilution of the Forest (Conservation) Act, the Wildlife (Protection) Act & the Coastal (regulation) Zone Rules, which have so far protected India's precious biodiversity vaults and it also safeguarded the benefits & interest of the Schedules Tribes & other traditional forest dwellers (Recognition of Forest Acts 2006). This article mainly focuses the destruction of three million trees and the win win solution of different sanctuaries & model's work is to protect the poor, to improve their lives, safeguarding forest, water & biodiversity. These models has taken several initiatives for safeguarding & restoring degraded areas.

Watersheds : Putting the Cart Before the Horse - 8049/ 16.05.14/DES

Deshpande, R.S.

Sub: Water Conservation / Development Programmes Pub: EPW, c/o.Hitkari House, 284 Shahid Bhagat Singh Road, Mumbai-400 001 2008, Vol.XLIII, Issue.6, 73-76p

The Technical Committee constituted by the ministry of

rural development to review the Drought Prone Area Programme, Desert Development Programme, Integrated Wasteland Development Project submitted its report, creating a glimmer of hope for rainfed agriculture. The Parthasarathy Committee is also considered as the new National guidelines for watershed development programmes in the country and unfolds a very ambitious structure to govern watershed developments with a slow but steadily driffing away from the focus of terms of reference, the PCR emphasised NASDORA. PCR suggests 'shedding watershed fundamentalism' and 'linking activities of watershed projects to the larger question of sustainabyle livelihood'.

Protecting Biodiversity & Food Security in an Unjust World - 8071/16.05.00/SHI Shiva, Mira

Sub: Resource Conservation & Restoration / Food Policy

Pub: Bija,c/o Navadanya.A-60 (G.F.), Hauz Khas, New Delhi-110 016, India 2008, Vol.XXXXVI,10-13p

An interview with Dr.Tewolde Berhan Eqziabher reveals that he was born in Ribagered, the ancient capital of ethiopia. He started a project on environmental problems of ethiopia in 1989. In 2002, he was engaged in setting up the Agenda 21- World Strategy for Environment Protection in Rio and also in negoiations regarding the Biosafety Protocol. From him, we come to know that genetic engineering is a process where a gene is introduced in another cell, using a vector. He also talks about the precautionary principle according to him, the differences between money power of corporation and decision making by politicians is getting hazier. He would like to work towards a world where he do not see a helplers child on the street, he would eliminate deprivation.

The Magic of Lapodiya's Chowka - 8075/16.05.14/PAD Padre, Shree

Sub: Water Conservation / Drought / Community Pub: Civil Society, A 53D, First Floor, Panchsheel Vihar, Malviya Nagar, New Delhi-17 2008, Vol.V, Issue.5, 12-13p

For many years Lapodiya village, on the Jaipur-Ajmer highway in Rajasthan had a bad reputation. Some 30 years later Lapodiya's name shine bright village see it as a font of knowledge. Its prosperity comes from water, green grass and trees Lakshman Singh, a class 7 dropout thought of an ingenious system of water harvesting called chowka which revived Lapodiya's pasture land. After months of drawing designs and studying the pasture, Lakshman Singh came up with the idea of the chowka, a unique soil and water conservation method. On an average, Lapidiya produces 1500 litres of milk a day. When water is scarce villagers cultivate only 50 per cent of their land using water from their open walls. The chowka system has spread to 82 villages.

Delhi's, Vanishing Water Bodies - 8117/17.05.10/SOP Sopan Step

Sub: Water Management / Water Conservation / Traditional Technology

Pub: Sopan Step, Room # 406, 49-50 Red Rose Building,

Nehru Place, New Delhi-110019 2008, Vol.II, Issue.23, 42-43p

This article mainly highlights the water crisis of Delhi and its surrounding water bodies in that area which has become victims of mindless urbanisation and the government's active role of reviving & preserving such water bodies so that it would be able to ensure & fulfil the purpose of daily usage. This article also focuses the major reasons drawbacks of water shortage in Delhi and the concept of traditional water harvesting systems which are environmentally viable and sustainable and it also analyses the effective steps how to preserve water through rain harvesting.

A Torrid Land Turns Green - 8118/16.05.14/JEN Jena, Sanjaya

Sub: Water Conservation / Govt. Scheme

Pub: Sopan Step, Room # 406, 49-50 Red Rose Building, Nehru Place, New Delhi-110019 2008, Vol.II, Issue.23, 44-45p

This article mainly highlights the story of a noble work which transformed a torried territory into a green zone in Orissa's Bolangir district. This is a project of watershed management conducted by ASCO, a project implementing agency together with the help of WORLP (Western Orissa Rural Livelihood Project) who have made this project successful by providing a sustainable livelihood to people belonging to different classes. This article covers the whole journey from the beginning till the end which has almost changed the situation dramatically.

Common Guidelines for Watershed Development : Some Reflections- 8184/16.05.14/EPW EPW

Sub: Water Conservation

Pub: EPW, 320-321, Ato Z Industrial Estate, Ganapatrao Kadam Marg, Lower Parel, Mumbai-400013 2008, Vol.XLIII, Issue.23, 18-20p

This article mainly highlights the common guidelines for watershed development projects brought by the union government in the adopted version of the Parthasarathy committee report which has recommended several important changes in the normative framework, operational mechanisms and institutional structures governing watershed development. The article mainly highlights some of the major features of the guidelines and discusses ways to take forward the main concerns that have engaged much of the recent policy discourse on watershed development.

Socio Cultural Perspectives to the Sacred Groves & Serpertive Workshop in Palakkad District , Kerala - 8253/16.05.00/MUR

Murugon, K. & Others

Sub: Resource Conservation & Restoration / Socio Cultural Condition

Pub: Indian Journal of Traditional Knowledge, c/o.NISCIR, Dr. K.S. Kirishnan Marg, New Delhi-110012 2008, Vol.VIII, Issue3, 455-462p

The article brings up the socio-cultural perspectives of sacred grove workshop, which has a long history behind it. The article describes a detailed study on the various aspects of societal elements, particularly forms of deities which has an interturned relationship with the types of

vegetation. The article has a page devoted to some interesting photographs.

From Tradition To Sustainability; Rainwater Harvesting Through Traditional Methods -8256/16.05.14/MIS Mishra, Anupam & Others

Sub: Water Conservation / Traditional Technology Pub: Terragreen, c/o.TERI, Darbari Seth Block, 1HC Complex, Lodhi Road, New Delhi-110003 2008, Vol.I, Issue.5, 42-44p

The article highlights on traditional rainwater harvesting systems which has transformed deserts into green oases through traditional methods of water conservation. The article also focuses the success stories of rainwater harvesting in Rajasthan under an NGO where it has been seen that how traditional techniques have been implemented in the villages the Western Rajasthan & other Villages in the country for good promotion of such techniques.

Water Management - 8265/16.05.14/VVJ

VVJ (Vikas Vani Journal)

Sub: Water Conservation

Pub: Vikas Vani Journal, XIDCOM Trust, c/o.XIDAS, 4th Mile, Mandla Road, Tilhari, Jabalpur-482021 (M.P.) 2008, Vol. II, Issue.2, 1-75p

A Collection of articles, which comprehensively portrays, the issue of water management. The various articles deals with water management from various perspectives like, gender concerns, techniques, case studies in Tribal areas, present and future challenges, farm based methods and so on.

Chasing a Mirage: Water Harvesting and Artificial Recharge in Naturally Water Scarce Regions -8275/16.05.14/KUM

Kumar, Dinesh M. & Others

Sub: Water Conservation

Pub: EPW, c/o.Hitkari House, 284 Shahid Bhagat Singh Road, Mumbai-400001

2008, Vol.XLIII, Issue.35, 61-70p

The article analyses the water scarce regions of India which separately deals with the water harvesting in the closed basins which has negative hydrological impacts, the drawbacks of different water harvesting structures, difficulties faced in intense water harvesting and the artificial recharge systems in natural water scarce areas in India which are economically unviable. It also deals with different water harvesting programmes which related to different social values and security in different water-scarce regions.

Occassional Papers

Conserve the Sunderban Ecologically Critical Area (ECA) - 1498/09-019/16.05/1498

CCEC (Centre for Coastal Environmental Conservation

Sub: Environnemtal Protection

Pub: CCEC (Centre for Coastal Environmental Conservation), House #93, Road#2, Sonadanga R/A, Khulna-9000

2005, 1p

This campaign leaflet on the conservation of ECA (Ecologically Critical Area) Bangladesh which is the programme of CCEC.

The List of audio-visual documents avaiable with us

Serial No.	Title	Producer	Type of Documents	Duration
1.	Global Warming	DRCSC	CD	7 mnts.
2.	The World Social Insects : Ants, Bees, Termite Wasps	DRCSC	CD	50 mnts
3.	Peoples' Agenda for Biodiversity	Deccan Development Society, A.P.	VCD	
4.	Community Based Disaster, West Bengal	UNICEF	CD	7.48 mnts
5.	The Slow Poisoning of India	TERI, New Delhi	VCD	25.51 mnts.
6.	Changing Climates : The Future	TVE	VCD	27 mnts.
7.	What is Greenhouse Effect	TVE	VCD	12 mnts.
8.	Bhachar Tikhana : Banyar Agam Satarkatar Natun Abhigyata	SPADE, Kolkata	CD	
9.	South, South-North and Climate Change	CCEC, Bangladesh	CD	
10.	Community Level Adaptation to Climate Change	BCAS, Bangladesh	CD	

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Paribesh Bigyan: Porabo Ki Kore - Anshuman Das (ed)

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