

# CBNRM Net

The Community-Based Natural Resource Management Network

The CBNRM Net Newsletter

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## From the editor

This issue includes, among others, the following: A Focus on CBNRM and Information and Communication Technology (ICT), specifically the use of CD-ROM technology, an interesting e-conference and new literature.

Further information on several topics in this issue is available on the web site. If you have problems accessing and/or downloading a particular document mentioned in this Newsletter and made available on the web site, write to <mail@cbnrm.net> and request that it be sent via email.

The next issue will, among others, include a Focus of CBNRM and languages. CBNRM is, essentially, founded and is largely evolving within the English language, and this poses certain challenges when applying it to settings and locations with different cultural and intellectual traditions and languages. Send in your ideas and suggestions now!

Lars T Soefftestad, Editor – lars@cbnrm.net

## Membership and organizational issues

**New members.** Sosina B Asfaw (Dept of Geography, University of Illinois; Urbana, Illinois, USA), Atul Bagai (Ozon Action Programme, UNEP; Paris, France), Edmund Barrow (IUCN-EARO; Nairobi, Kenya), Mamta Borgoyary (Resource Unit for Participatory Forestry, Winrock International; New Delhi, India), Mantang Cai (Dept of Urban and Environmental Sciences, Beijing Development Institute, Beijing University; Beijing, China), Michelle Cocks (Rhodes University; Grahamstown, South Africa), Mark A Dadebo (Partners for the Study and Common Management of Common Property Resources in Ghana; North York, Ontario, Canada), Emmanuel H D'Silva (World Bank Institute, World Bank; Washington DC, USA), Eriyawan (TerraNet; Jakarta, Indonesia), Phil Franks (CARE ICD Network Coordinator; UK), Jose I dos R Furtado (TH Huxley School of Environment, Earth Sciences and Engineering, Imperial College of Science, Technology and Medicine; London, UK), Stefan Haglund (Program on Applied Environmental Impact Assessment, Dept of Earth Sciences, Uppsala University; Uppsala, Sweden), Brian R Hartley (Lower Shire Parks and Wildlife Collaborative Management Project; Limbe, Malawi), Henri P Jossierand (Associates in Rural Development, Inc.; Arlington, Virginia, USA), James L Kho (The Ford Foundation; Makati City, Philippines), Christine Makuve (Sheffield Hallam University; UK), D H Mimin (Wana Mandhira Foundation; Yogyakarta, Indonesia), Andrew Mittelman (IUCN Collaborative Management Working Group, Dept of Agriculture Extension and Community Development, Chiang Mai University; Chiang Mai, Thailand), Alfons W Mosimane (Multi-Disciplinary Research Centre, Social Sciences Division, University of Namibia; Windhoek, Namibia), Becky A Myton (Food Security Program, CARE; Tegucigalpa, Honduras), Laurel Neme (Washington DC, USA), Mackenzie Newnham (Washington DC, USA), Nguyen Huu Thien (U Minh Thuong Nature Reserve Conservation and Community Development Project; Hanoi, Vietnam), Peter A Oduol (Monitoring and Evaluation, Kenya Wildlife Service; Nairobi, Kenya), Kara Page (International Resources Group Ltd.; Washington DC, USA), Joanna Pereira (Participatory Management

Clearinghouse, IUCN; Gland, Switzerland), Nico Rozenmeijer (CBNRM Support Programme; Gaborone, Botswana), Sharon Shewmake (University of North Carolina; Durham, North Carolina, USA), Lawrence Sisitka (Rhodes University; Grahamstown, South Africa), Claire Thompson (CBNRM Programs Branch, IDRC; Ottawa, Canada), Francis Turkelbom (Thimpu, Bhutan), and Webster Whande (School of Government, Program for Land and Agrarian Studies, University of Western Cape; Bellville, South Africa).

[Ed. comment: The Register of Members is at <[www.cbnrm.net/members/register.html](http://www.cbnrm.net/members/register.html)>.]

Mailing list and changes in email addresses. Remember to write to <[mail@cbnrm.net](mailto:mail@cbnrm.net)> to inform about changes in email address.

Web site: New material. New knowledge is added continually, including links, conferences and workshops, publications, and documents for downloading. New knowledge can be located in various ways: (1) the Newsletters, (2) the 'News' page, (3) date for last update (located at the end of all pages), and (4) the site search engine.

## **Focus: CBNRM and CD-ROM technology**

Introduction. The Focus addresses the connection between ICT and CBNRM, specifically the use of CD-ROM technology. The purpose is partly to focus on the use of CD-ROM in CBNRM and present cutting edge work, and partly to invite CBNRM practitioners and other stakeholders to send in comments on the two projects presented below. If you are interested in taking part in commenting upon, contributing to, and evaluating these CD-ROM projects, you should do so very soon, as time is short.

There is already some experience with using CD-ROM technology in development contexts in general, and experiences is mounting that this is a technology and way of communicating that is very useful and should be used more. In the following some arguments in support of increased use of CD-ROM technology, particularly in comparison with WWW and the HTML format, and largely based on ongoing experiences in Africa, are presented:

- (1) Most people who will want to use CDs will have access to a computer, and all computers now come with CD readers,
- (2) People can easily and simply copy and print such documents,
- (3) CDs can contain huge amounts of material – at least 550 Mb,
- (4) It is especially useful for disseminating 'gray literature', that is, material that is usually only available to fairly small groups of people (e.g., those who attend a particular workshop or conference, receive a magazine or journal, are on the project, or are on a particular listserv),
- (5) There is little sharing of information between regions, sectors, and countries, etc., and this would help addressing that,
- (6) Many people can connect to the Internet. They are, however, much fewer in number than those who have access to computers and CD readers,
- (7) Even if they can connect, it can be very slow and frustrating, depending on hardware, software and connectivity configuration, and, in addition, logging on can be very expensive, and
- (8) CDs are a very cost-effective way of dissemination information. They are cheap to print – maybe USD 0.50 for large numbers, which is miniscule compared to the printed word.

In Africa there are currently two interesting projects underway that use CDs for information and knowledge dissemination as well as training and capacity building. The two projects are prepared within different organizational contexts, focus on different issues and have different aims. In spite of an overlap in terms of geographic coverage, they appear to complement each other very well. A future *CBNRM Net* Newsletter will present and review both CDs.

### **CD-ROM project no. 1**

This concerns production of a CD by IUCN on Participatory Management of Natural Resources in Eastern and Southern Africa.

IUCN-Eastern African Regional Office has received some small funding to produce a CD on Participatory Management of Natural Resources in Eastern and Southern Africa. The CD will be

jointly published by the Eastern and Southern Africa Offices of IUCN (EARO and ROSA), as a direct result of the four theme reviews on Community Involvement in Forest Management (CIFM) that are being published by IUCN, and an Eastern and Southern African Regional Workshop on Community Involvement in Forest Management that was held in 2000.

IUCN hopes to be able to produce 3,000 CDs. The CD will be a little broader than Community Involvement in Forest Management, though this will be a main focus. The overall focus will be on the participatory management of natural resources. All the material on the CD will be in PDF format, with a reasonable standard layout, and will be properly referenced.

As a start, the following will be included: the four CIFM theme reviews (on tenure, economics, policy and stakeholders), the report of the Eastern and Southern African CIFM workshop held in 2000, and an annotated bibliography on Community Involvement in Forest Management that IUCN-EARO is producing. In addition the intention is to collect, in electronic format (preferably DOC or PDF), documents. The documents will be properly referenced, with full acknowledgment of source.

The focus of this CD is on *practical examples of participatory natural resource management* (case studies, published papers, book chapters, books, grey literature, reports, papers presented at workshops, etc.) from Eastern and Southern Africa. The aim is to try to ensure that the rich experience of these regions on participatory management of natural resources is reflected. The work will focus on *practical examples and case studies* on participation in NRM in forest, wetland, dryland, and marine ecosystems.

As well as produce the material for a CD (which will probably be more useful in the two regions, given the WWW connectivity problems many countries have), it may be possible to make the material available on the IUCN web site of participatory NRM. This will make it more widely available and usable.

Illustratively the material on the CD would be laid out using folders so that Windows Explorer can be used. The CD will have a directory to enable users to search for articles based on author/title and key words. The folders will probably be in 3 main areas – more general and important Eastern and Southern Africa overviews; and then divided by region and theme area (forest, wetlands, marine, and drylands).

The following inputs are asked for:

- Send in practical case material in this field that could be included on the CD,
- Help ensure that the focus is on *practical material* on participatory NRM, and
- Send in more general overviews or wider analyses.

Contact: Edmund Barrow – [egb@iucnearo.org](mailto:egb@iucnearo.org); Florence Chege – [fwc@iucnearo.org](mailto:fwc@iucnearo.org)

## CD-ROM project no. 2

This project is being prepared by ARD, Inc. with funding from USAID.

USAID Africa Bureau's Office of Sustainable Development (AFR/SD) convened a Working Group on Community-Based Natural Resource Management in Africa in 1999. On the USAID side members included Paul Bartel and Mike McGahuey. Other members were: Henri Josserand, Max McFadden, Bruce Miller, J Kathy Parker, Michael Saunders and John Woodwell. Over two years, the Group has worked to:

- (1) Characterize the nature and evolution of CBNRM in Africa,
- (2) Develop knowledge/expertise-based modeling techniques to analyze determinants of success in CBNRM uptake and expansion, including macro-micro linkages, and
- (3) Project the potential impact of CBNRM and returns to investment in NRM.

A main output of this collaboration is the production of a "CBNRM in Africa" CD, which includes a number of hyper-linked files, including a synthesis report, an annotated bibliography, analytical tools and reports or case studies. These documents, which are a critical part of this work, are (they can be downloaded from a dedicated *CBNRM Net* web page – see below):

- (1) The Executive Summary from the Synthesis Paper,
- (2) The Synthesis Paper,
- (3) A description of NetWeaver,
- (4) A description of a knowledge-based macro-environmental model,

- (5) An Excel model of the macroeconomic impact of changes in the efficiency of natural resource use, and
- (6) A simple Excel implementation of the NetWeaver application to CBNRM.

*Note on the contributors:* Paul Bartel is Technical Advisor for Environmental Information, USAID/AFR-SD <pbartel@afr-sd.org>, Mike McGahuey, Technical Advisor for Environment and Natural Resources <mmcgahuey@afr-sd.org>, Henri Josserand is a Sr Associate at Associates in Rural Development, Inc., Arlington, Virginia, USA <hjosserand@ardinc.com>, J Kathy Parker is a Social Ecologist and President of The Heron Group, LLC; Georgetown, Delaware, USA <jkparker@dca.net>, Max McFadden is an Organization and Management Specialist and Vice President of The Heron Group, LLC <mcfadden@dca.net>, Bruce Miller is a Knowledge Engineer, Sr Associate of The Heron Group, LLC, and President of Rules of Thumb, Inc. <bjmiller@psu.edu>, Michael Saunders is a Knowledge Engineer, Sr Associate with The Heron Group, LLC and Director of the Laboratory for Intelligent Systems Applications at Penn State University; University Park, Pennsylvania, USA <mcs5@psu.edu>, and John Woodwell is a modeler working with STELLA, a graphical programming language used to develop dynamic systems models <woodwell@cbl.cees.edu>.

[Ed. comments: Draft versions of the various documents to be included on the CD-ROM, as well as further information, are available on *CBNRM Net* (see URL below). You are invited to review these documents, and send your comments to Henri Josserand (see email below). Comments will be integrated into the final version of the CD. Kindly prepare your comments as soon as possible. Those that would like to receive a copy of the final CD should indicate this in their response.]

Contact: Henri P Josserand – hjosserand@ardinc.com  
URL: <http://www.cbnrm.net/resources/special>

## **Learning and training activities**

E-conference on mountains. Integrating Mountain Culture and Natural Resource Management [MCNRM], 17 August - 14 September 2001, organised by ICIMOD.

*Content:* The impact of traditional development strategies contributes to the erosion of cultural practices and social capital in mountain areas. That 2002 has been declared as the International Year of the Mountains and the International Year of Ecotourism is not a coincidence. While tourism has contributed to the transformation and economic development of some mountain regions, there is increasing concern about the need to address the accompanying negative impact on the cultural and social fabric of mountain people. The year 2002 provides a unique opportunity to do so, and the broad goal of this initiative is to highlight the urgency of putting into place appropriate policies and practices which can ensure that the gains of mountain development does not take place at an irreversible cost to the rich and diverse culture of mountain cultures and communities.

URL: <http://www.icimod.org/iym2002/culture/mcnrm.htm>  
Email: [mcnrm-mod@icimod.org](mailto:mcnrm-mod@icimod.org)

## **Conferences, seminars and workshops**

Enabling policy frameworks for successful community-based resource management initiatives. Chiang Mai, Thailand, 24 September 2001.

Advancing community forestry: Innovations and experiences. Chiang Mai, Thailand, 25-28 September 2001.

IASCP 9th biannual conference. Victoria Falls, Zimbabwe, 17-21 June 2002.

## **Literature**

Baker, Richard, Jocelyn Davis and Elspeth Young, eds. 2001. *Working on country. Contemporary indigenous management of Australia's lands and coastal regions.* Oxford University Press.

*Content:* 'Working on country' is about indigenous environmental management in Australia. It contains a wide range of papers from many authors covering projects, actions and issues that indigenous groups are involved with in contemporary wildlife and other

NRM on lands and in coastal regions of Australia. Initiatives drawing on the approaches of indigenous groups in Australia are at the cutting edge of the country's land and water management. The value of the alternative solutions offered by indigenous people, based on different perceptions of our environment, has led to increasing collaboration with researchers and government agencies. The volume provides a comprehensive account of indigenous land and water management in Australia, with an emphasis on practical out-comes to manage sustainable. The volume is based around three themes: (1) the diversity of existing approaches, (2) the need for sharing knowledge and communicating concepts and tools, within a two-way learning frame-work, and (3) the role of negotiation in the development of effective initiatives.

URL: <http://www.roseworthy.adelaide.edu.au/AFS/news/workingoncountry.pdf>

Berkes, Fikret, Robin Mahon, Patrick McConney, Richard Pollnac and Robert Pomeroy. 2001. *Managing small-scale fisheries: Alternative directions and methods*. International Development Research Centre.

*Content:* This volume looks beyond the scope of conventional fishery management to alternative concepts, tools, methods and conservation strategies. The book includes extensive material on participatory management, local-level institutions, commons issues and co-management.

URL: [http://www.idrc.ca/acb/showdetl.cfm?&DID=6&Product\\_ID=594&CATID=15](http://www.idrc.ca/acb/showdetl.cfm?&DID=6&Product_ID=594&CATID=15)