

INFORMAL PERI-URBAN IRRIGATED AGRICULTURE, OPPORTUNITIES AND CONSTRAINTS

Proceedings of a Workshop held at KNUST, Kumasi, Ghana (7-9 March 2001). The workshop was organised as part of a research project funded by DFID. The Knowledge and Research Project, "Improving Irrigation in Peri-Urban Areas: was carried out by HR Wallingford in collaboration with the Kwame Nkrumah University of Science and Technology in Ghana. The workshops was organised to provide a forum to share observations, field experiences and findings from research in different African cities. The focus in this report is on the production of vegetables as significant contribution to sustainable livelihoods and on the health risks associated with irrigation using poor quality water. Country papers presented are on Kenya and Zimbabwe. Technical sessions were on Water Management and Water Quality Issues; Economic and Social Aspects and The Role of Technology.

ANNOTATED BIBLIOGRAPHY ON URBAN AGRICULTURE

For Sida, ETC's Resource Centre for Urban Agriculture and Forestry (RUAF) in collaboration with TUAN has produced an annotated Bibliography. Over 800 titles are taken up in this publication. Each topic is introduced by an overview article written by invited authors. This bibliography is available soon on the www.ruaf.org website, and is the basis for the Resource Centre's bibliographic database. You will be invited to comment and add titles to the database and are free to use these references.

AGRICULTURA Y CIUDAD: UNA CLAVE PARA LA SUSTENTABILIDAD (AGRICULTURE AND THE CITY, KEY IN SUSTAINABILITY, IN SPANISH)

María Caridad Cruz and Roberto Sánchez Medina.

Published by La Fundación Antonio Núñez Jiménez de la Naturaleza y el Hombre.

This book is the first publication in Cuba with the aim to integrate different perspectives and to transcend the descriptive level of food production. The past ten years of identification and stimulation of agriculture in Havana is evaluated in this book (see also the article of María Caridad Cruz in this issue).

DIAGNOSTICOS PARTICIPATIVOS DE AGRICULTURA URBANA- LINEAMIENTOS, METODOLOGICOS Y CONCEPTUALES (PARTICIPATORY DIAGNOSIS OF URBAN AGRICULTURE, METHODOLOGICAL AND CONCEPTUAL ISSUES)

Marielle Dubbeling and Alain Santandreu. 2001. Working paper 86, UMP-LAC/IDRC/IPES/ CLAES (Only available in Spanish)

This Working paper offers social organisations, municipalities, NGOs and universities, a series of methodological and conceptual guidelines for the elaboration of participatory base-line studies on urban agriculture. It contains an open conceptual framework, explaining the definitions and categories used and discussing the role of a base-line study within the process of local planning and intervention. Furthermore, a series of methodologies, which are validated in various cities of Latin America and the results obtained by applying these and other methodologies; a tool-box with 24 techniques to be selected and adapted to each local reality. The Working Paper is illustrated with the experiences from Curaca (Brazil), Montevideo (Uruguay), Puerto Cortes (Honduras) and Quito (Ecuador).

VIDEO ON URBAN AGRICULTURE

ETC's Resource Centre for Urban Agriculture and Forestry (RUAF) has produced a video with the title: "Urban Agriculture". The video is in two parts, both approximately 23 minutes long. Part one is an introduction to urban agriculture covering locations, degree of market orientation, and economic, social, health and environmental impacts. This is illustrated with examples from Tanzania, Vietnam, Senegal and Ecuador. In the second part two cases are presented in which the municipality has taken up urban agriculture as a phenomenon that deserves to be taken seriously in town planning and policies. Bottom-up or top-down, and especially participatory processes help to integrate this urban livelihood strategy into existing, more traditional, urban development planning. The two cases are Dar Es Salaam in Tanzania and Cuenca in Ecuador. The video can be used in extension sessions, workshops and seminars on occasions where urban agriculture, environment, livelihoods and survival strategies are the topic of discussion. The distribution of the video shall at first actively take place by RUAF to their partners and subsequently by the RUAF Regional Focal Points (RFP) in the various continents. The video will be available in English (VHS PAL), French (VHS Secam) and Spanish (VHS NTSC). An Arabic version is expected soon. The price of the video shall be made known by the Regional Focal Points in due time. Further news concerning the distribution and ordering of the video will be supplied in the next issue of this magazine (March 2002).

DEUTSCHER TROPENTAG 2001, ONE WORLD: RESEARCH FOR A BETTER QUALITY OF LIFE

Universitat Bonn and ATSAF, Universitat Hohenheim. (2001) Deutscher Tropentag 2001: One World, Research for a better quality of life. Book of abstracts and and Cd-rom with full Papers.

The theme of the annual Conference on International Agricultural Research for Development, "Deutscher Tropentag" was hosted by the University of Bonn and had the title One World, Research for a better quality of life. Seventeen themes were discussed in separate Symposia. Theme number was on Urban and Peri-urban Production Systems, in which 11 papers were presented. The other themes are certainly also worth reading.

PROCEEDING, NATIONAL WORKSHOP ON URBAN AGRICULTURE – POTENTIAL, SUPPORT AND INFORMATION NEEDS

UVPP and University of Dar Es Salaam, TEC, Dar Es Salaam, 2001.

The Urban Vegetable Promotion Project (UVPP) has been operating for several years in Dar Es Salaam, supporting the agricultural extension structure in town. The UVPP and the University of Dar Es Salaam, in their promotion of urban agriculture, decided to organise a national workshop on urban agriculture. They were supported by the Municipal Development Programme, that in the development of the RUAF programme, joined with the organisation of the assessment of training and information and communication needs for urban agriculture. These proceedings give the presentations and discussion of the three day workshop.

SPECIAL ISSUE ON PARTICIPATORY TOOLS AND METHODS IN URBAN AREAS

International Institute for Environment and Development (IIED) (1994). RRA Notes no. 21, IIED, 3 Endsleigh Street, London WC1H 0DD, UK

This issue of RRA Notes contains 13 articles on what might be called Participatory Urban Appraisal. Indeed, the need for the use of participatory research and development approaches in community development programmes in urban areas is high, as the editors indicate. Sections of this issue include: (1) Problem statement; (2) Description of the characteristics of urban settings and how they differ from the rural context; (3) The papers themselves, covering a wide range of issues; (4) Conclusions. A key publication. (WB)

ENVIRONMENTALISM UNBOUND, EXPLORING NEW PATHWAYS FOR CHANGE

Robert Gottlieb. 2001. M.I.T. U.S.A.

Robert Gottlieb is Professor of Urban and Environmental Policy at Occidental College and Director of the Urban and Environmental Policy Institute. He is the editor of The MIT Press Urban and Industrial Environments series. In *Environmentalism Unbound*, Robert Gottlieb proposes a new strategy for social and environmental change that involves re-framing and linking the movements for environmental justice and pollution prevention. According to Gottlieb, the environmental movement's narrow conception of environment has isolated it from vital issues of everyday life, such as workplace safety, healthy communities, and food security, that are often viewed separately as industrial, community, or agricultural concerns. Gottlieb focuses on three compelling examples of this new approach to social and environmental change. For more information see: http://www.mapcruzin.com/review_environmentalism_unbound.htm

ASSOCIATIONAL LIFE IN AFRICAN CITIES: POPULAR RESPONSES TO THE URBAN CRISIS

A. Tostensen, I. Tvedten and M. Vaa.(eds): ISBN 91-7106- 465-6, 320 pp.

The Nordic Africa Institute, Uppsala, Sweden

The book contains 17 chapters with material from 13 African countries, from Egypt to Swaziland and from Senegal to Kenya. Most of the authors are young African academics. The focus of the volume is the multitude of voluntary associations that has emerged in African cities in recent years. In many cases, they are a response to mounting poverty, failing infrastructure and services, and more generally, weak or abdicating urban governments. Some associations are new, in other cases, existing organisations are taking on new tasks. Associations may be neighbourhood-based, others may be city-wide and based on professional groupings or a shared ideology or religion. Still others have an ethnic base. Some of these organisations are engaged in both day-to-day matters of urban management and more long-term urban development. Urban associations challenge the monopoly of local and central government institutions. After an introductory chapter by the editors: "The African Urban Crisis, Governance and Associational Life", the contributions are grouped into the following sections: Coping through Informal Networks; Religion and identity; Land and Housing; Services; and Emerging initiatives.

Other Papers on Appropriate Methodologies

Apart from the papers published in this Magazine, several other papers were written for the workshop on Appropriate Methodologies for Urban Agriculture Research, Policy development, Planning, Implementation and Evaluation, held in October 2001 in Nairobi, Kenya. They can be found on the RUAF website: www.ruaf.org/conference where you will also find the longer versions of the papers in this Magazine. The papers were all written or adapted for the workshop.

TOPIC 1

METHODS FOR SITUATION ANALYSIS

- ❖ Gabel, Methodological reflections on using participatory and action oriented research with women farmers in Harare.
- ❖ Torres-Lima. Sustainable urban agriculture development in Mexico, a methodological approach.
- ❖ Mbiba, B. Participatory methodologies for policy development in urban agriculture: visualisation and the Harare experience in the early 1990s.
- ❖ Nugent, R. A. Using economic analysis to measure the sustainability of urban and peri-urban agriculture: A comparison of cost-benefit and contingent valuation analyses.

TOPIC 2

METHODS FOR POLICY DEVELOPMENT AND ACTION PLANNING

- ❖ Mlambo, A. Institutionalising Urban Agriculture in Dar Es Salaam City through the "EPM" Process.
- ❖ Patino, F. Matriz Para Elaboracion De Documento S "Lineamientos Politicas" Lineamientos Metodologicos Para El Impulso De Procesos Consultivos Locales En Agricultura Urbana.
- ❖ Carrion, A. Strategic Investment Planning in Cuenca- Ecuador as a strategy for policy formulation on urban agriculture (in Spanish).

TOPIC 3

METHODS FOR INTEGRATION OF UA IN URBAN LAND USE PLANNING

- ❖ Davila, J. Guidelines for Strategic Environmental Planning and Management of the Peri-Urban Interface.
- ❖ Ishani Z. and D. Lamba. Applications of Methods and Instruments in Urban Agriculture Research: Experiences from Kenya and Tanzania.
- ❖ Nell, W. Agricultural Development within the holistic Integrated approach: MUCPP/CHESP as a case study in South Africa

TOPIC 4

METHODS FOR TECHNOLOGY DEVELOPMENT IN UA

- ❖ Cardinale E., V. Porphyre, D. Bastianelli. Methods to promote healthier animal production: examples in periurban poultry production around Dakar.
- ❖ Drechsel, P., O. Cofie, R. Vázquez and G. Danso. Technology development for municipal organic waste recycling for urban and peri-urban agriculture - A holistic approach.
- ❖ Duc Vien, T. and D. Thi Sy (2001) The role of aquaculture in pollution-remediation in Tay Lake and Truc Bach Lake of Ha Noi.
- ❖ Ly, El Ousseynou. Outils participatifs d'identification des priorités et d'analyse des discours et des pratiques dans le domaine de l'agriculture urbaine
- ❖ Niang, S. Safe re-use of waste water in UPA (Paper in French: Maitrise des risques dans la ré-utilisation des eaux usées en agriculture urbaine).
- ❖ Nianogo, J.A. Méthodologie de la recherche sur la production animale en zone urbaine et péri-urbaine.
- ❖ Seck, M. Appropriate Methods for Technology Development in Composting and waste re-use in UPA (in French)
- ❖ Röling, N. and E. van de Fliert. Introducing Integrated Pest Management in Rice in Indonesia: a Pioneering Attempt to Facilitate Large Scale Change.
- ❖ Zeeuw, H. de. Trying out PTD with NGOs in Peru and Bolivia. Paper for the workshop "Appropriate Methodologies for Urban Agriculture", October 2001, Nairobi, Kenya.

TOPIC 5

METHODS FOR MONITORING AND EVALUATION IN UA

- ❖ Batac, J. Performance Measurement within the Municipal Solid Waste/Urban Agriculture Continuum: A Practical Local Governance Methodology.
- ❖ Cornish, G. A. Assessing water quality and health implications in informal peri-urban irrigation. Case studies from Nairobi and Kumasi.
- ❖ Dasso, J.A. Methodology for Analysing Interventions in Urban Agriculture in Latin America.
- ❖ Drechsel P., L. Gyiele and S. Asante-Mensah. Assessing human capacity building and the potential of technology adoption via KASA analysis.
- ❖ Moukoko-Ndoubé, F. Accounting for UA Real Economic Performance and Environmental Impact at Farm Level Methods - Analytical approach - Pilot applications.
- ❖ Plastow, J. and S. Pantuliano. Experimenting with PIM: the ACORD Sudan Urban-Rural Linkages Programme Experience of Adapting Participatory Impact Monitoring.

TOPIC 6

METHODS FOR MARKET ANALYSIS AND ENTERPRISE DEVELOPMENT IN UA

- ❖ Ansaldo, R. W. Identification and Improvement of Market Linkages between Producers and Institutional Users: A Case Study on Potato Contract Growing in the Philippines.
- ❖ Paje, B. G. Methodologies to Improve Entrepreneurial Skills of Urban Agriculture Entrepreneurs.
- ❖ Wheatley, C. Fostering innovation in urban and peri-urban based clusters of small-scale agrifood enterprises.