

IMPORTANT READINGS IN INDIGENOUS TECHNICAL KNOWLEDGE

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PGM Dept. ITC

October 2005

- **Concepts and Theories of I(T)K**
- **Methods, Tools and Techniques for Eliciting & Applying ITK**
- **Indigenous Spatial Knowledge - ITK, Maps & GIS**
- **Case Studies, Examples of ITK in Practice**
- **Periodicals and Information Source**
- **see also: Expert Systems**

Concepts and Theories of I(T)K

Agrawal, Arun (1995) Dismantling the divide between indigenous and scientific knowledge. Development & Change 26, 413-439.

Australian Institute for Aboriginal & Torres Strait Islander Studies (2000) Guidelines for Ethical Research in Indigenous Studies. Canberra: Australian Institute for Aboriginal and Torres Strait Islander Studies.

[IPR]

Barrera-Bassols, Narciso and J. Alfred Zinck (2000) Ethnopedology in a Worldwide Perspective. An Annotated Bibliography. Enschede: ITC, ITC. Publ. No. 77. (635p.)

Bebbington, A. (1993) Modernization from below: an alternative indigenous development? Economic Geography 69 (3) 274-292

[Ecuador agriculture]

Blakeney, Michael (2000) The protection of traditional knowledge under intellectual property law. European Intellectual Property Review 22 (6) 251-261.

[IPR, Australia, Europe]

de Boef, Walter (comp.) (1992) Local Knowledge and Agricultural Research. Seminar Report, Nyanga, Zimbabwe, Sept.-Oct. 1992. Wageningen: Wageningen Agricultural University, Dept. of Sociology of Rural Development [and] Wageningen: DPRO-DLO, Centre for Genetic Resources. (63p.)

[World/ Sn. Africa. Methodology- elicit, develop, transfer, analyse farmer ITK; combine with sci. knowledge]

Bond, Richard (1991) A Review of Communication Problems between Indigenous and

Professional Knowledge Systems in Rural Development, and Options for their Resolution. Manchester: University of Manchester, Inst. for Development Policy and Management, MSc Thesis. (51p.)

Brodnig, Gernot; and Mayer-Schonberger, Viktor (2000) Bridging the gap: the role of spatial information technologies in the integration of traditional environmental knowledge and western science. Electronic J. on Information Systems in Developing Countries vol. 1, (15p.)

Source: <http://www.unimas.my/fit/roger/EJISDC/EJISDC.htm>

Keywords: GIS, ITK, social, participation, (RS)

Brokensha, D.W., D.M. Warren and O. Werner (eds) (1980) Indigenous Knowledge Systems and Development. Washington, DC: University Press of America (460p.)
[World/W. Africa/En. Africa. Methodology/ FS/ intercrop/ AF/ Livestock/ spp. knowledge/ ...]

Brouwers, Jan (1998) On indigenous knowledge and development. Current Anthropology 39 (3) 351.

Chambers, Robert (ed.) (1979) Rural Development: Whose Knowledge counts? IDS Bulletin (University of Sussex) Special Issue Vol. 10 No. 2

Chambers, R., Arnold Pacey and Lori Ann Thrupp (eds) (1989) Farmer First: Farmer Innovations and Agricultural Research. London: Intermediate Technology (240p.)
[World / Kenya. Methodology- RRA, PRA]

CIDA (200?) Handbook of CIDA Project Planning and Indigenous Traditional Knowledge. Ottawa: CIDA. <http://www.kivu.com/CIDA%20Handbook/cidawhat.html>
What is Indigenous Traditional Knowledge?
Appdx. 6. Best Practices for Project Planning with Indigenous Traditional Knowledge. *etc.*

Davis, Shelton H. and Katrinka Ebbe (eds) (1995) Traditional Knowledge and Sustainable Development. Washington DC: World Bank, Environmentally Sustainable Development Paper No. 4. (68p.)

Dei, George J.S. (1993) Indigenous African knowledge systems: local traditions of sustainable forestry. Singapore J. of Tropical Geogr. 14 (1) 28-41.
[mainly Ghana. AF / community culture, myth, knowledge systems]

Flavier, J.M. et al. (1995) The regional program for the promotion of indigenous knowledge in Asia. pp. 479-487 in: Warren, D.M., L.J. Slikkerveer and D. Brokensha (eds) The Cultural Dimension of Development: Indigenous Knowledge Systems. London: Intermediate Technology.
[general] [useful definition of ITK]

Fuglesang, A. (1982) About Understanding - Ideas and Observations on Cross-Cultural Communication. Uppsala: Dag Hammarskjöld Foundation.

Fuglesang, A. (1984) The myth of people's ignorance. Development Dialogue 1984 (1-2), 42-62

Furbee, Louanna (1989) A folk expert system: soils classification in the Colca Valley, Peru. Anthropological Quart. 62 (2) 83-102.

Keywords: soil, agriculture, ITK

Inglis, J. (1993) Traditional Ecological Knowledge. Concepts and Cases. Ottawa: IDRC, Internat. Program on Traditional Ecological Knowledge.

King, Amanda B.; and Pablo B Eyzaguirre (1999) Intellectual property rights and agricultural biodiversity: Literature addressing the suitability of IPR for the protection of indigenous resources. Agriculture & Human Values 16 (1) 41-49.
[IPR]

Lalonde & Akthar (1994)

McCall, M.K. (1988) The implications of Eastern African rural social structure for local-level development: the case for participatory development based on indigenous knowledge systems. Regional Development Dialogue 9 (2) 41-69.

McCall, M.K. (1995) Indigenous Technical Knowledge in Farming Systems of Eastern Africa. A Bibliography Ames, IA: Iowa State University, Technology & Social Change Program, Bibliographies in Technology and Social Change No. 9. (167p.)
[1200 refs on ITK in En Africa. Listing of periodicals, networks, info. sources]

Murdoch, Jonathan and Judy Clark (1994) Sustainable knowledge. Geoforum 25 (2) 115-132.

Read, D.W. and C. Behrens (1989) Modelling folk knowledge as expert systems. Anthropological Quarterly 62 (3) 107-

Richards, Paul (1985) Indigenous Agricultural Revolution. London: Hutchinson (192p.)
[Rationality of intercropping. "People's Science": "active experimenters", on-farm experimentation. Farmers use same sci. methods as formal scientists". 3 cases in W. Africa]

Richards, P. (1989) Farmers also experiment: a neglected intellectual resource in African science. Discovery and Innovation 1 (1) 19-25.
[West Africa]

Richards, Paul, L. Jan Slikkerveer and Adedotun O. Phillips (1989) Indigenous Knowledge Systems for Agriculture and Rural Development: The CIKARD Inaugural Lectures. Ames, IO: Iowa State University, Technology and Social Change Program, Studies in Technology and Social Change No. 13. (40p.)
[Africa- esp. Nigeria. Methodology. ITK & research and green revolution]

Seadle, Michael (2002) Whose rules? Intellectual property, culture, and indigenous communities. D-Lib Magazine 8 (3) 99p.)
[data capture, culture, intellectual property, IPR, ethics, law, customary law]
<http://www.dlib.org/march02/seadle/03seadle.html>

Studley, John (1998) Dominant Knowledge Systems and Local Knowledge. (Mtn Forum On-Line Library Doct.) <http://www.minforum.org/resources/library/stud98a2.htm>
[comparison indigenous vs. modern knowledge systems]

Warren, D. Michael (ed.) (1991) Agriculture and Human Values Vol. 8, No. 1/2. Special issue on: "Indigenous Knowledge Systems: Implications for Agriculture and International

Development".

Warren, D.M. (1991) Using Indigenous Knowledge in Agricultural Development. Washington, DC: World Bank, Discussion Paper No. 127 (46p.)

[Brief case studies; nat. & multi-lateral institutions; projects where ITK successfully used; projects where ITK ignored; projects using ITK through local institutions]

Warren, D.M., D. Brokensha and L.J. Slikkerveer (1991) Indigenous Knowledge Systems: the Cultural Dimension of Development. London: Kegan Paul (400p.)

[45 papers on: ITK systems/ I. decision-making systems/ I. organisations/ I. experimentation. & innovations/ Internat. institutions & ITK/ ethnobotany/ Bibliogs on ITK systems]

World Bank (2000) What is Indigenous Knowledge? (16p.)

<http://www.worldbank.org/afr/ik/basic.htm>

Methods, Tools and Techniques for Eliciting & Applying ITK

Alan R. Emery and Associates (1997) Guidelines for Environmental Assessments and Traditional Knowledge. Ottawa?: Centre for Traditional Knowledge, FOR: CIDA, and, Environment Canada, Ottawa. (74p.)

[world, Canada] [concepts; policy; methodology; survey methods; Guidelines for Indigenous Peoples; Guidelines for Corporations; Guidelines for Govt.]

Alan R. Emery (2000) See: Emery (2000)

Balachandran, C.S. (1995) LACONEX: a rule-based implementation to advise on plot-level land conservation in Vilathikulam, southeastern India. Land Degradation & Rehabilitation 6, 265-283.

[LAnd CONservation EXpert knowledge system]

Birmingham, Deirdre M. (1998) Learning local knowledge of soils: a focus on methodology. . Indigenous Knowledge & Development Monitor 6 (2) 7-10.

de Boef, Walter (comp.) (1992) Local Knowledge and Agricultural Research. Seminar Report, Nyanga, Zimbabwe, Sept.-Oct. 1992. Wageningen: Wageningen Agricultural University, Dept. of Sociology of Rural Development [and] Wageningen: DPRO-DLO, Centre for Genetic Resources. (63p.)

[World/ Sn. Africa. Methodology- elicit, develop, transfer, analyse farmer ITK; combine with sci. knowledge]

Brodnig, Gernot; and Mayer-Schonberger, Viktor (2000) Bridging the gap: the role of spatial information technologies in the integration of traditional environmental knowledge and western science. Electronic J. on Information Systems in Developing Countries vol. 1, (15p.)

Source: <http://www.unimas.my/fit/roger/EJISDC/EJISDC.htm>

Keywords: GIS, ITK, social, participation, (RS)

Brokensha, D.W., D.M. Warren and O. Werner (eds) (1980) Indigenous Knowledge Systems and Development. Washington, DC: University Press of America (460p.)

[World/W. Africa/En. Africa. Methodology/ FS/ intercrop/ AF/ LS/ spp. knowledge/ ...]

CIDA (200?) Handbook of CIDA Project Planning and Indigenous Traditional Knowledge. Hull: CIDA. <http://www.kivu.com/CIDA%20Handbook/cidawhat.html>
How is Indigenous Traditional Knowledge Acquired for Projects? *etc.*

Emery, Alan R. (2000) Integrating Indigenous Knowledge in Project Planning and Implementation. Guidelines. Nepean, Ont.: KIVU Nature Inc. FOR: Washington DC: World Bank; AND: Hull, CIDA; AND: Geneva: ILO. (157p.)
Keywords: world, elicitation, analysis, integration methods, project, guidelines, (stakeholders), case studies, biblio, websites, sources, institutions,

Furbee, Louanna (1989) A folk expert system: soils classification in the Colca Valley, Peru. Anthropological Quart. 62 (2) 83-102.
Keywords: soil, agriculture, ITK

Grenier, Louise (1998) Working with Indigenous Knowledge. A Guide for Researchers. Ottawa: IDRC (115p.)
[world] [field methods; review of current theory; intellectual property rights; data collection methods - PRA etc. for ITK]

Hudson, Norman and Rodney J. Cheatle (eds) (1993) Working with Farmers for Better Land Husbandry. London: Intermediate Technology, with World Assoc. of Soil & Water Conservation. (272p.)
[Tanzania- Kenya- Sudan- Uganda- eastern Africa. Methodology RRA/PRA/ participation/ soil & water conservation/ irrigation/ AF/ husbandry]

IIRR (1996) Recording and Using Indigenous Knowledge. A Manual. Silang, Cavite: International Institute of Rural Reconstruction (IIRR) (211p.)
<http://www.panasia.org.sg/iirr/ikmanual/>

Inglis, Andy (1991) Harvesting local forestry knowledge: a comparison of RRA and conventional surveys. RRA Notes 12, 5.

Inglis, J. (1993) Traditional Ecological Knowledge. Concepts and Cases. Ottawa: IDRC, Internat. Program on Traditional Ecological Knowledge.

Jackson, Cecile et al. (1992) Women, Conservation and Agriculture: a Manual for Trainers in Commonwealth Africa. London: Commonwealth Secretariat.

Johnson, M. (ed.) (1992) Capturing Traditional Environmental Knowledge. Ottawa: IDRC; and, Dene Cultural Institute. isbn 0 88936 644 6

Langill, Steve (1998) Community-Based Natural Resource Management Social Science Resource Kits on Participatory Research, Indigenous Knowledge, Institutional Analysis and Common Property. Ottawa: IDRC.

Langill, Steve (1999) Indigenous Knowledge: A Resource Kit for Sustainable Development Researchers in Dryland Africa. Ottawa: IDRC, Land & Water Programme Initiative. No. 11.
<http://www.idrc.ca/plaw/1le-IK.html>
excerpts in: Overstory No. 82.

Read, D.W. and C. Behrens (1989) Modelling folk knowledge as expert systems. Anthropological Quarterly 62 (3) 107-

Rossiter, D.; and M.K. McCall (2004) (f.c.)

Schoenhoff, D. (1993) The Barefoot Expert: The Interface of Computerized Knowledge Systems and Indigenous Knowledge Systems. Westport, CT: Greenwood. (184p.)

Indigenous Spatial Knowledge - ITK, Maps & GIS

Bocco, Gerardo and Victor M. Toledo (1997) Integrating peasant knowledge and geographic information systems: a spatial approach to sustainable agriculture. Indigenous Knowledge & Development Monitor 5 (2) 10-13.

[Cent. Mexico] [land evaluation, landscape units. FS, ethnopedology, GIS]

Box, Louk (1991) Mapping on a human scale: local knowledge and institutionalized ignorance in development research. ITC Journal 1991-4, 276-280.

[Caribbean]

Brodnig, Gernot; and Mayer-Schonberger, Viktor (2000) Bridging the gap: the role of spatial information technologies in the integration of traditional environmental knowledge and western science. Electronic J. on Information Systems in Developing Countries vol. 1, (15p.) Source: <http://www.unimas.my/fit/roger/EJISDC/EJISDC.htm>

Keywords: GIS, ITK, social, participation, (RS)

Gonzalez, Rhodora M. (1995) KBS, GIS and documenting indigenous knowledge. Indigenous Knowledge & Development Monitor 3 (1) 5-7.

Keywords: Costa Rica, IK of soils for maize.

Raedeke, A.H.; and J.S. Rikoon (1997) Temporal and spatial dimensions of knowledge. Agriculture & Human Values 14, 145-158.

Keywords: ISK, understanding, methodology.

Sirait, M., S. Prasodjo, N. Podger, A. Flavelle and J. Fox (1994) Mapping customary land in East Kalimantan, Indonesia: a tool for forest management. Ambio 23 (7) 411 -417.

Tabor, Joseph A. and Charles F. Hutchinson (1994) Using indigenous knowledge, remote sensing and GIS for sustainable development. Indigenous Knowledge & Development Monitor 2 (1) 2-6.

Case Studies, Examples of ITK in Practice

Anyinam, C. (1995) Ecology and ethnomedicine. Social Science & Medicine 40 (3) 321.

Barrera-Bassols, Narciso and J. Alfred Zinck (2000) Ethnopedology in a Worldwide Perspective. An Annotated Bibliography. Enschede: ITC, ITC. Publ. No. 77. (635p.)

Barrow, E.G.C. (1991) Building on local knowledge: the challenge of agroforestry for pastoral areas. Agroforestry Today 3 (4) 4-7.

[Kenya- Turkana, Pokot / Tanzania]

Barrow, E.G.C. (1991) Evaluating the effectiveness of participatory agroforestry extension

programmes in a pastoral system, based on existing traditional values. A case study of the Turkana in Kenya. Agroforestry Systems 14 (1) 1-38.

den Biggelaar, C. and M.A. Gold (1995) The use and value of multiple methods to capture the diversity of endogenous agroforestry knowledge: an example from Rwanda. Agroforestry Systems 39, 263-275.

Bocco, Gerardo and Victor M. Toledo (1997) Integrating peasant knowledge and geographic information systems: a spatial approach to sustainable agriculture. Indigenous Knowledge & Development Monitor 5 (2) 10-13.

[Cent. Mexico] [land evaluation, landscape units. FS, ethnopedology, GIS]

Box, Louk (1991) Mapping on a human scale: local knowledge and institutionalized ignorance in development research. ITC Journal 1991-4, 276-280.

[Caribbean]

Bradley, Phillip N. (1991) Woodfuel, Women and Woodlots. Vol. 1 A Basis for Effective Research and Development in East Africa. Basingstoke: Macmillan (338p.)

(esp. Chap. 5, Indigenous Agroforestry)

[Kenya, common property, PRA, KWDP]

Brouwers, J.H. (1993) Rural People's Response to Soil Fertility Decline: the Adja Case (Benin). Wageningen: WAU Papers No. 93-4. (157p.)

Chambers, R., Arnold Pacey and Lori Ann Thrupp (eds) (1989) Farmer First: Farmer Innovations and Agricultural Research. London: Intermediate Technology (240p.)

[World / Kenya. Methodology- RRA, PRA]

Charlton, C.A. (1987) Problems and prospects for sustainable agricultural systems in the humid tropics. Applied Geography 7, 153-174.

Critchley, W.R.S., C. Reij and T.J. Willcocks (1994) Indigenous soil and water conservation: a review of the state of knowledge and prospects for building on traditions. Land Degradation & Rehabilitation 5, 293-314.

Davis, Shelton H. and Katrinka Ebbe (eds) (1995) Traditional Knowledge and Sustainable Development. Washington DC: World Bank, Environmentally Sustainable Development Paper No. 4. (68p.)

Dei, George J.S. (1993) Indigenous African knowledge systems: local traditions of sustainable forestry. Singapore J. of Tropical Geogr. 14 (1) 28-41.

[mainly Ghana. AF / community culture, myth, knowledge systems]

DeWalt, Billie R. (1994) Using indigenous knowledge to improve agriculture and natural resource management. Human Organization 53 (2) 123-131.

Fairhead, James (1992) Indigenous Technical Knowledge and Natural Resources Management in Sub-Saharan Africa: a Critical Overview. Chatham, UK: Natural Resources Institute.

Fortmann, Louise and James Riddell (1985) Trees and Tenure. An Annotated Bibliography for Agroforesters and Others. Madison, WI: University of Wisconsin, Land Tenure Center [and]

Nairobi : ICRAF (135p.)
[World / Eastern Africa] [Trad. Land tenure / AF]

Fresco, Louise (1986) Cassava in Shifting Cultivation. A Systems Approach to Agricultural Technology Development in Africa. Amsterdam: Royal Tropical Institute (KIT) (240p)
[Zaire. Critique of gender-biased Farming Systems research.]

Furbee, Louanna (1989) A folk expert system: soils classification in the Colca Valley, Peru. Anthropological Quart. 62 (2) 83-102.
Keywords: soil, agriculture, ITK

Gadgil, M., F. Berkes and C. Folke (1993) Indigenous knowledge for biodiversity conservation. Ambio 22 (2-3) 151-156.

Gonzalez, Rhodora M. (1995) KBS, GIS and documenting indigenous knowledge. Indigenous Knowledge & Development Monitor 3 (1) 5-7.
[Costa Rica, IK of soils for maize]

Hudson, Norman and Rodney J. Cheatle (eds) (1993) Working with Farmers for Better Land Husbandry. London: Intermediate Technology, with World Assoc. of Soil & Water Conservation. (272p.)
[Tanzania- Kenya- Sudan- Uganda- eastern Africa. Methodology RRA/PRA/ participation/ soil & water conservation/ irrigation/ AF/ husbandry]

Kattel, Giri Raj (1994) Listening to farmers: indigenous technical knowledge - an important tool for community forestry development. Forests, Trees & People Newsletter 23, 20-22.

Kilahama, F.B. (1994) Indigenous ecological knowledge: a vital tool for rural extension strategies. Forests, Trees and People Newsletter 30-35.
[Tanzania]

Kurien, John (1998) Traditional ecological knowledge and ecosystem sustainability: new meaning to Asian coastal proverbs. Ecological Applications 8 (1) ..

Lane, Marcus B.; Helen Ross; A.P. Dale; and Roy E. Rickson (2003) Sacred land, mineral wealth, and biodiversity at Coronation Hill, Northern Australia: indigenous knowledge and SIA. Impact Assessment & Project Appraisal 21 (2) 89-98.
[N. Territory, Kakadu NP, Jawoyn people] [EIA & SIA, cultural, biodiversity, mining project]

Marten, Gerald G. (ed.) (1976) Traditional Agriculture in South East Asia. A Human Ecology Perspective. Boulder CO: Westview Press.
[Thailand, Indonesia, Philippines, shifting agriculture, forestry]

McCall, M.K. (1988) The implications of Eastern African rural social structure for local-level development: the case for participatory development based on indigenous knowledge systems. Regional Development Dialogue 9 (2) 41-69.

McCall, M.K. (1995) Indigenous Technical Knowledge in Farming Systems of Eastern Africa. A Bibliography Ames, IA: Iowa State University, Technology & Social Change Program, Bibliographies in Technology and Social Change No. 9. (167p.)
[1200 refs on ITK in En Africa. Listing of periodicals, networks, info. sources]

- Metzner, Joachim (1983) Innovations in agriculture incorporating traditional production methods: the case of Amarasi (Timor). Bulletin of Indonesian Economic Studies 19 (3) 94-105.
- Morin-Labatut, G. and S. Akhtar (1992) Traditional environmental knowledge: a resource to manage and share. Development (SID) 1992: 4, 24-30.
- Niemeijer, David (1995) Indigenous soil classifications: complications and considerations. Indigenous Knowledge & Development Monitor 3 (1) 20-21.
- Nielsen, Flemming (1994) Indigenous Agroforestry Systems in Southern Luwero District, Uganda, and their Potential in Agricultural Development. Copenhagen: Centre for Development Research, CDR Working Papers No. 94.16 (104p.)
[indig. AF systems: banana + mutuba trees; & Coffee + mugavu trees]
- Norem, R.H., R. Yoder and Y. Martin (1989) Indigenous Agricultural Knowledge and Gender Issues in Third World Agricultural Development. pp.91-100 IN: Warren, Slikkerveer & Titilola (eds) (1989)
- Norgaard, R. (1984) Traditional agricultural knowledge: past performance, future prospects, and institutional implications. Amer. J. of Agricultural Economics 66, 874-878.
- Ostberg, Wilhelm and Chris Reij (1996) Culture and Local Knowledge - their Roles in Soil and Water Conservation. Stockholm: Stockholm University, Dept. of Geography, Environment & Development Studies Unit, Working Paper no. 35. (14p.)
[Africa, Tanzania]
- Pawluk, R.R., J.A. Sandor and J.A. Tabor (1992) The role of indigenous soil knowledge in agricultural development. J. of Soil & Water Conservation 47 (4) 298-302.
- Rajasekaran, B., R.A. Martin and D.M. Warren (1993) A framework for incorporating indigenous knowledge systems into agricultural extension. Indigenous Knowledge & Development Monitor 1 (3) 21-24.
- Richards, P., and M. Haswell (1991) Experimenting farmers and agricultural research. pp.11-21 IN M. Haswell and D. Hunt (eds) Rural Households in Emerging Societies: Technology and Change in Sub-Saharan Africa. Oxford: Berg (261p.)
- Scott, C.A. and M. F. Walter (1993) Local knowledge and conventional soil science approaches to erosional processes in the Shivalik Himalaya. Mountain Research & Development 13 (1) 61-72.
[landforms, soil, hydrology, erosion]
- Sharland, Roger W. (1989) Indigenous Knowledge and Technical Change in a Subsistence Society: Lessons from the Moru of Sudan. London: ODI, Agric. Administration Network Paper No. 9. (30p.)
[Farming Systems crops-grains; tree crops; striga/ Tools-hoes/ Pests incl. termites/ ITK & extension; farmer experimentation]
- Shepherd, Gill (1992) Managing Africa's Tropical Dry Forests: a Review of Indigenous Methods. London: ODI, ODI Agriculture Occas. Paper No. 14. (117p.)

Thapa, B., F.L. Sinclair and D.H. Walker (1995) Incorporation of indigenous knowledge and perspectives in agroforestry development. Part 2: Case study on the impact of explicit representation of farmers' knowledge. Agroforestry Systems 30 (1-2) 249-262.
SEE also: Walker et al. (1995)

Thompson, John (1991) Combining Local Knowledge and Expert Assistance in Natural Resource Management: Small-Scale Irrigation in Kenya. Baltimore, MD: World Resources Institute, Center for International Development & Environment, 'From the Ground Up' Case Study No. 2. (34p.)

Ulluwishewa, Rohana and Hemanthi Ranasinghe (eds) (1996) Indigenous Knowledge and Sustainable Development. Proc. 1st Nat. Sympos. on "IK & Sustainable Development", Colombo, March 1994. Nugegoda: University of Sri Jayawardenapura, SLARCIK. (120p.) [Sri Lanka] [history, methods] [FS, NRM, pests, medicine, vet. forestry, food, fisheries, etc.

Walker, D.H., F.L. Sinclair and B. Thapa (1995) Incorporation of indigenous knowledge and perspectives in agroforestry development. Part 1: Review of methods and their application. Agroforestry Systems 30 (1-2) 235-248.

Warner, Katherine (1991) Shifting Cultivators. Local Technical Knowledge and Natural Resource Management in the Humid Tropics. Rome: FAO, Community Forestry Note No. 8.

Warren, D.M., D. Brokensha and L.J. Slikkerveer (1991) Indigenous Knowledge Systems: the Cultural Dimension of Development. London: Kegan Paul (400p.)
[45 papers on: ITK systems/ I. decision-making systems/ I. organisations/ I. experimentation. & innovations/ Internat. institutions & ITK/ ethnobotany/ Bibliogs on ITK systems]

Warren, D.M., L.J. Slikkerveer and S.O. Titilola (eds) (1989) Indigenous Knowledge Systems: Implications for Agriculture and International Development. Ames, IO: Iowa State University, Studies in Technology & Social Change No. 11 (186p.)

Wiersum, K.F. (1997) Indigenous exploitation and management of tropical forest resources: an evolutionary continuum in forest-people interactions. Agriculture, Ecosystems & Environment 63, 1-16.

Wilken, G.C. (1972) Microclimate management by traditional farmers. Geographical Review 62, 544-566.

Periodicals and Information Sources

AGRECOL (Agriculture and Ecology) Development Information; Information Centre, for Africa & Latin America
Circular Letter on Sustainable Agriculture in Africa

Agroforestry Today (Quarterly Periodical)
ADDRESS ICRAF; P.O. Box 30677, Nairobi, Kenya

ETC Foundation
ILEIA Newsletter (Quarterly)
ILEIADOC Bibliographic database (Bi-annual)
ILEIA Readings in Sustainable Agriculture

ADDRESS ETC, P.O. Box 64, 3830 AB Leusden, Netherlands

Forests, Trees and People Newsletter (Quarterly)

(supported by FAO Community Forestry Unit and IRDC, Uppsala)

ADDRESS International Rural Development Centre, Swedish University of
Agricultural Sciences, P.O. Box 7005, S-750 07, Uppsala, Sweden

ILEIA Newsletter (Quarterly Periodical and Information Exchange) See : ETC Foundation

Indigenous Food Plants Programme Newsletter

ADDRESS IFP Programme Management Committee, P.O. Box 48108, Nairobi,
Kenya

Indigenous Knowledge & Development Monitor (Triennial Periodical - 1993)

Published by CIRAN in cooperation with : CIKARD, LEAD, ARCIK, KENRIK, & other
regional IK centres

Indilinga African J. of Indigenous Knowledge Systems (IAJKS)

[methodology, epistemology, ethics, education, science etc. of IK & IK systems in Africa –
not restricted to ITK.]

ADDRESS: Indilinga, Private Bag X10, Isipingo, 4110 South Africa www.uib.no/prp/Indilinga

Journal d'Agriculture Traditionnelle et de Botanique Applique

[supported by C.N.R.S.], Paris, France

KENGO Kenya Non-Governmental Energy Organisations

Kengo News (Periodical and Information Exchange)

Resources (Quarterly Periodical)

African Diversity (Periodical on plant genetic resources)

KENGO Indigenous Vegetables Project. contact: Monica Opole

ADDRESS KENGO, P.O. Box 48197, Nairobi, Kenya

ODI-AAU Overseas Development Institute, Agricultural Administration Unit

ODI has 4 Networks with Newsletters, Occasional papers, conferences and Info. Exchange

Rural Development Forestry Network [formerly: Social Forestry Network] contact : Gill
Shepherd

Agricultural Research and Extension Network

contact : John Farrington, Kate Cumberland

Pastoral Development Network contact : Roy Behnke

Irrigation Management Network

contact : Linden Vincent, Amanda Barton

ADDRESS Overseas Development Institute, Portland House, Stag Place, London
SW1E 5DP, UK.

Research into African Medicinal Plants Newsletter

Periodical for OAU Scientific, Technical & Research Commission

ADDRESS University of Ile-Ife, Ile-Ife, Nigeria

TEK Traditional Ecological Knowledge

[biodiversity / information technologies]

TEK Talk (Quarterly Newsletter)

contact : Julian T. Inglis, ADDRESS UNESCO Canada/ MAB, 99 Metcalfe Street,
Ottawa K1P 5V8, Canada

WEDNET Women, Environment and Development Network

Documenting women's ITK in Africa. WEDNEWS (Periodical)

contact : Dr. Shimwaayi Muntemba / Ms. Rosemary Jommo, ADDRESS ELCI,
Nairobi.