

1. Datos personales

Michael Keith McCALL

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tel. ++ 31 (053) 434 9055
Brighton, England, 24 June 1948

Dept. of Urban & Regional Planning and Geo-Information Management
ITC (International Institute for Geo-Information Science and Earth Observation)
P.O. Box 6, 7500 AA ENSCHEDE, The Netherlands
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2. Formacion profesional

B.Sc. in Geography (in Social Science) 1970
University of Bristol, England
Undergraduate thesis: 'Linear programming for optimal spatial allocation of hospital catchment areas, East Midlands.'

2.2 Master of Science in Geography 1971
Northwestern University, Evanston IL, USA

Ph.D. in Geography 1980
Specialisation : Regional / Historical / Agricultural Geography.
PhD Thesis: 'The Diffusion of Regional Underdevelopment – Articulation of Capital and Peasantry in Sukumaland, Tanzania.'
Northwestern University, Evanston IL, USA

3. Experiencia profesional

3.2 Fuera de la UNAM

2005 –
Associate Professor (UHD) in Collaborative Spatial Planning,
Dept. of Urban & Regional Planning and Geo-Information Management, ITC Nov.
2004 – May 2005
Sabbatical period Instituto de Geografia, UNAM (Universidad Nacional Autonoma de Mexico), Morelia, Michoacán, Mexico.
1993-2005
Associate Professor (UHD) in Collaborative Spatial Planning,
Dept. of Urban & Regional Planning and Geo-Information Management (2000-2006),
(formerly the Division of Social Sciences (1993-2000), ITC

1991-1993
50% position Assistant Professor (UD), Division of Social Sciences, ITC

50% position Senior Lecturer, Technology & Development Group, University of Twente

1988-1991

Senior Planning Officer, Hambantota Integrated Rural Development Programme [NORAD – Norwegian Agency for International Development], Hambantota, Sri Lanka

1982-1988

Senior Lecturer, Technology & Development Group, University of Twente.

1980 - 1982

Senior Lecturer, Department of Geography, University of Dar es Salaam, Tanzania.

1976-1980

Lecturer, Department of Geography, University of Dar es Salaam, Tanzania

1974-1976

Assistant Lecturer, Department of Geography, University of Dar es Salaam, Tanzania.

1970-1974

Graduate Research Assistant and Graduate Teaching Assistant, Dept. of Geography, Northwestern University, Evanston IL, USA

4. Labor academico-administrava

1994-1996

Ag Head of Dept., Division of Social Sciences, ITC ,

1981-1982

Secretary to the Tanzanian National Land Use Planning Committee.

1976-1982

University of Dar es Salaam: Membership of Faculty Higher Degrees Committee; Faculty Research & Publications Committee.

5. Principales lineas de investigación

ITC 1992-200.

Training and research and consultancy activities in: Participatory spatial planning & management; community-based Natural Resource Management; land use and rural energy management ; participatory mapping and GIS; environmental impact assessment ; regional and urban spatial planning

Research in:

a) Developing a research programme in **Integrated Landscape management (ILM)** for joint research between ITC and UNAM. Coordinator for ITC, 2005-06.

Scientific research objectives are to formulate, validate, demonstrate and implement applications of *Integrated Landscape Management* principles and practice for sustainable management & planning of land environments for human development. - at the levels of analysis, understanding, modelling, policy and planning for effective management. This implies:

- Operational Understanding of systems interrelationships, interdependencies and interactions between Geo, Bio and Socio Systems in a given area.

- Operational understanding of how human decisions and actions and initiatives can alter physical conditions & parameters
- Operational understanding of how human decisions are constrained by physical conditions – explicit or implicit ('planning is art of the feasible')
- Operational understanding of how ILM knowledge is translated into policy, planning and management initiatives – at levels of expertise, regional and local government, communities, households and individuals.

The regional focus is on areas in Michoacán State and central México, relevant to policy and planning institutions in Michoacán and neighbouring states.

b) Participatory GIS and Participatory mapping: research and development in technical, application, institutional, socio-economic, cultural and ethical issues in PGIS and P-Mapping in participatory spatial planning at local level of e.g. CBOs, rural communities and urban neighbourhoods. Use of mobile GIS, PRA techniques with community groups, review and evaluation of rural and urban applications, institutional, political and ethical issues.

(Approx. 10 published papers, conferences, and websites)

c) **"Kyoto: Think Global, Act Local"** Research Programme.

Partners: Univ. Twente / ITC / ICIMOD (Nepal) / CHEA (Uttaranchal, India) / UDSM (Tanzania) / ENDA (Senegal)

Research is to enable CFM projects to access funds under climate change agreements (e.g. Kyoto), & assist the convergence of 'Kyoto' technical requirements with local capacity and indigenous knowledge regarding community forest management and sustainable development.

Principal Investigator 2005 – 06

Researcher on CFM & ITK topics. 2003 – 06

Topics: Payment of ecological services (PES), urban ecological footprints, Environmental economics, SEA strategic environmental analysis.

(A number of published papers and conferences.)

d) Research activities in **"Managing Socio-Economic Information for Sustainable Tropical Forestry Management"**.

ITC-funded research, with University of Dar es Salaam 1995-96

Carrying out and supervising MSc research in forest resource use and land use / agriculture management in the buffer zones of the East Usambaras catchment forest reserve, NE Tanzania. Research is focused towards the (geo-)information needs for environmental management policy instruments.

(A number of published papers and conferences.)

Hambantota Integrated Rural Development Programme (HIRDEP) 1988 - 1991

As the Senior Planning Officer (SPO) in HIRDEP my position was planning and project advisor to the Sri Lankan Director under the Ministry of Planning. NORAD maintained a single expatriate advisor in the programme to provide policy advice, forward strategy and most aspects of support, including on-the-job staff training, to the HIRDEP annual planning cycle. In practice this also meant back-up to many projects and programmes - I focused on project formulation and monitoring in environment, dry-land agriculture, small enterprise development and rural housing. In programme design and implementation, I worked mainly with designing a new programme for Division-level planning, as well as change agent programmes and design and start-up support to a district environmental agency. As SPO I took responsibility for preparation of project

reviews and research, for most training policies, and for organising various workshops e.g. a seminar on "The role of NGOs with and for HIRDEP"; and Logical Framework Approach workshops on environment, fisheries, local-level planning, etc. The SPO also had an important role in dealing with external and political activities. In 1988/89 particularly, the political and security situation in Hambantota was very volatile and created sensitive relationships between HIRDEP, government agencies and the JVP revolutionary movement.

University of Twente 1982-1988, 1991-1992

Training and research and consultancy activities.

Research in

a) SADCC Woodfuel Energy Study.

For E.T.C., Leusden and SADCC Energy Coordination Unit, Luanda. 1986-1987

Major review of biomass fuel status, concerns, strategies, programmes and institutional constraints in SADCC countries, highlighting local-level solutions and "trees outside the forest". Working in a multi-national, multi-disciplinary team, with my focus on Zambia, Malawi and Tanzania, and on woodfuel and charcoal systems serving urban populations.

b) Implementation Feasibility of Gasifiers in Villages in Arusha Region, Tanzania.

For the Technical University Twente and DGIS 1982-3

Review of impacts of an energy technology development and transfer project in rural villages using a socio-economic survey and institutional stakeholder analysis.

University of Dar es Salaam 1974-1982

Training and Research and some Consultancy and administrative duties:

Research in:

- a) Historical factors and changes in regional development in Usukuma under colonialism and post-colonialism until 1972.
- b) Rural transportation – socio-economic, cultural and political issues in impacts of rural transport on rural development, policy and planning implications.

Northwestern University, Evanston IL, USA 1970-1974

Graduate Teaching Assistant

Graduate Research Assistant:

Computer programs for distance & centrality measures. (Michael F. Dacey)

Formal and Informal languages, and their application to methodologies of Planning (Stephen Gale)

Consultancy for Chicago Board of Education

6. Publicaciones

6.1 Producción Científica

6.1.1 Artículos en revistas

(a) Arbitraje externo

Minang, P.A., McCall, M.K. and Bressers, J.Th.A. (2007)

Community capacity for implementing clean development mechanism projects within community forests in Cameroon.

Environmental Management 39 (2007)5, pp. 615-630.

Full text | Full text <http://www.springerlink.com/content/27x63232k3779508/>

- Minang, P.A.**, Bressers, J.Th.A., Skutsch, M.M. and **McCall, M.K.** (2007)
National forest policy as a platform for biosphere carbon management : the case of community forestry in Cameroon.
Environmental Science and Policy 10 (3), 204-218.
[Full text](#) | [Full text](#)
- Minang, P.A.**, **McCall, M.K.**, Skutsch, M.M. and **Verplanke, J.J.** (2007)
A data support infrastructure for Clean Development Mechanism forestry implementation : an inventory perspective from Cameroon.
Mitigation and Adaptation Strategies for Global Change (2007) In Press, 22 p.
[Full text](#) | [Full text](#)
<http://www.springerlink.com/content/337380176464g538/?p=0a1458e3f81d46c797ebeb4e45597b03&pi=1>
- Rambaldi; Giacomo, Jon Corbett, Mike McCall, Rachel Olson, Julius Muchemi, Peter Kwaku Kyem, Daniel Wiener, with Robert Chambers (eds) 2006
Mapping for Change: Practice, Technologies and Communication.
PLA Notes 54
London: IIED (100p.) ISBN: 1 84369 605 3
<http://www.earthprint.com/show.htm??url=http://www.earthprint.com/cgi-bin/ncommerce3/ProductDisplay?prfnbr=592673&prmenbr=27973>
- Giacomo Rambaldi, Peter A. Kwaku Kyem, Mike McCall, and Daniel Weiner
Participatory spatial information management and communication in developing countries.
Electronic J. on Information Systems in Developing Countries 25 (1) 1-9. 2006
<http://www.eijsdc.org/ojs/viewissue.php?id=161>
Reprinted in: PositionIT (South Africa) 2007 (Jan/Feb.) pp.31-36.,
- Mike McCall
Precision for Whom? – Mapping ambiguity and certainty in (Participatory) GIS.
Participatory Learning and Action 54, 114-119 2006
- Giacomo Rambaldi, Robert Chambers, Mike McCall, and Jefferson Fox
Practical Ethics for PGIS practitioners, facilitators, technology intermediaries and researchers
Participatory Learning and Action 54, 106-113. 2006
http://www.iapad.org/publications/ppgis/ch14_rambaldi_pp106-113.pdf
- Ética práctica para profesionales, facilitadores, intermediarios tecnológicos e investigadores de SIGP.
Aprendizaje y Acción Participativos 54, 106-113. 2006
http://www.iapad.org/publications/ppgis/PLA54_Spa_ch14.pdf
- Jon Corbett, Giacomo Rambaldi, Peter Kyem, Dan Weiner, Rachel Olson, Julius Muchemi, Mike McCall, and Robert Chambers
Overview: Mapping for Change – the emergence of a new practice.
Participatory Learning and Action 54, 13-19. 2006
- Peter A. Minang and Michael K. McCall

- PGIS and local spatial knowledge utility enhancement for community carbon planning.
Participatory Learning and Action 54, 85-91 2006
- Mike McCall, Holly Ashley, and Giacomo Rambaldi 2006
Tips for trainers: The Snowball
Participatory Learning and Action 54: 114-119
- John Chome and Michael K. McCall
Neo-Customary title registration in informal settlements – the case of Blantyre.
International Development Planning Review 27 (4) 385-411. 2005
- Michael K. McCall and Peter A. Minang
Assessing participatory-GIS for community-based natural resource management:
claiming community forests in Cameroon.
The Geographical Journal 171 (4) 340-356 2005
- Michael K. McCall
Seeking good governance in participatory-GIS: a review of processes and governance
dimensions in applying GIS to participatory spatial planning.
Habitat International 27, 549-573. 2003
- Michael K. McCall
The Martello Tower in Hambantota, Sri Lanka.
Fort 27, pp. 143-157. 1999
- Deborah Fahy Bryceson, and Michael K. McCall
Lightening the load on rural women: how appropriate is the technology directed
towards Africa? Gender, Technology and Development 1 (1) 23-45. 1997
- Michael K. McCall
Rural brewing, exclusion and development policy-making.
Gender and Development 4 (3) 29-38. 1996
- Michael K. McCall
Local Participation for Sustainable Development. Whose Participation? Which
Sustainability ? Examples from Hambantota District, Sri Lanka.
Triolog (Zeits. fur das Planen u. Bauen in der Dritten Welt) 38, 44-47.
issn 0724-6234 1993
- Michael K. McCall
Locational Analysis and Rural Development: Capacities and Limits of Regional
Planning Practitioners.
International Regional Science Review 15 (1) 13-23. 1992
- Michael K. McCall
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 1988
- Michael K. McCall

- The Significance of Distance Constraints in Peasant Farming Systems, with Special Reference to sub-Saharan Africa.
Applied Geography 5 (4) 325-345 1985
- Michael K. McCall
Comment on "Rural Development Policies and Perspectives in Tanzania" by J.H. Maeda and M.S. Bagachwa.
Regional Development Dialogue 2 (2) 124-8 1981
- Michael K. McCall
Bibliography of Usukuma. Parts I, II.
Africana Journal 10 (2) 99-119; 10 (3) 218-238 1979
- Michael K. McCall
Peasant Rationality and Regional Underdevelopment: the History of Usukuma Agriculture.
East African Geographical Review 15, 107-128 1977
- Michael K. McCall
Political Economy and Rural Transport: An Appraisal of Western Misconceptions.
Antipode 9 (3) 98-110. 1977
- Michael K. McCall
Political Economy and Rural Transport: A Reappraisal of Transport Impacts.
Antipode 9 (1) 56-67. 1977
- Michael K. McCall
Económica Política y Transporte Rural.
Cuadernos Venezolanos de Planificación no.141-143, pp.147-178. 1976

En prensa

(b) Arbitraje interno

- Michael K. McCall
Mapping lost homes.
GIS@development (The Asian GIS Monthly) 9 (6) 24-27 2005
<http://www.gisdevelopment.net/magazine/years/2005/jun/homes.htm>
- Michael K. McCall
Can GI really be participatory?
GIM International 18 (10) 42-45 2004
<http://www.gitc.nl/gimag.htm>
- Michael K. McCall
Do participatory methods meet their claim?
GIS@development (The Asian GIS Monthly) 7 (10) 37-42. 2003
<http://www.gisdevelopment.net/magazine/years/2003/oct/partmmc.shtml>
- Michael K. McCall

- Brewing is women's business.
Food Chain (ITDG) 30, 17-21. 2002
- Michael K. McCall
Brewing rural beer should be a hotter issue.
Boiling Point (ITDG) 47, 23-25. 2001
- Michael K. McCall and Joan Looijen
Environmental Impact Assessment in The Netherlands. Principles, Procedures and GIS Case Study: EIS for Housing Expansion in Twente.
Sri Lanka Journal of Geography 1998
- Michael K. McCall
ITK in East African Farming Systems.
Indigenous Knowledge & Development Monitor 4 (1) 20-22. 1996
- Michael K. McCall, and Margaret Skutsch
Taungya Farmers of Hambantota.
Rural Development Forestry Network Paper No. 15d, pp. 9-18. London: Overseas Development Institute, Rural Development Forestry Network. issn 0968-2627 1993
- Michael K. McCall
Project Planning and Project Methodologies.
MDF Journal (Ede, Netherlands) 3, 17-19 1988
- Michael K. McCall
Labour Saving Devices and Renewable Energies for Women.
Chap. 4 (pp. 267-287) IN B.C. Groen, C.R.M. Huizenga & M.M. Skutsch Have Planners Understood the Poor People's Energy Problem? Socio-Economic Aspects of Energy Technologies. Enschede: University of Twente, VOK Occasional Paper No. 4. 1987
- Michael K. McCall
Charcoal Making for the Lusaka Markets.
Boiling Point (ITDG) 14, 22-24 1987
- Michael K. McCall
Review of "Rural Transport in Developing Countries" by I. Barwell et al.
Journal of Rural Studies 2 (2) 171-2 1986
- Michael K. McCall
Taking Distance into Account in Peasant Farming Systems Research.
Nairobi: CIMMYT Farming Systems Newsletter No. 20, 12-27 1985
- Michael K. McCall
Accessibility and Mobility in Peasant Agriculture in Tropical Africa.
pp.42-63 IN Paul Cloke (ed.) Rural Accessibility and Mobility. Lampeter: St. David's University, Centre for Rural Transport 1985
- Michael K. McCall

- Verkehrsplanung für den ländlichen Raum. Kann Verkehrsplanung regionale Entwicklung herbeiführen?
IN: W. Eckhardt et al (eds) Raumplanung und ländliche Entwicklung in Tanzania. Dortmund: Beiträge zur Raumplanung Nr. 27, 107-120 1982
- Michael K. McCall
Can regional transport planning bring about regional development?
The Transporter 5, 6-15. (J. of National Institute of Transport) 1982
- Michael K. McCall
Farming Systems in Village Land Evaluation Methodologies. pp.118-128;
IN: P. Anandajayasekeram et al. (eds) Proceedings of the Conference on Farming Systems and Farming Systems Research in Tanzania. Morogoro: Tanzania Adventist Press for: University of Dar es Salaam. pp.118-128 1981
- Michael K. McCall
Problems of Resource Allocation and Reallocation within Farming Systems Framework. pp.202-204
IN: P. Anandajayasekeram et al. (eds) Proceedings of the Conference on Farming Systems and Farming Systems Research in Tanzania. Morogoro: University of Dar es Salaam 1981
- Michael K. McCall, and Margaret M. Skutsch
Tabora Region Feeder Roads Study - a Review.
Journal of the Geogr. Assoc. of Tanzania 16, 140-149. 1978

6.1.2 Libros

- Michael K. McCall
Indigenous Technical Knowledge in Farming Systems of Eastern Africa: a Bibliography.
Ames, IO: Iowa State University, Technology & Social Change Program,
Bibliographies in Technology & Social Change No. 9. (167p.) (revised ed.) isbn 0-945271-34-4 1995
- John Christensen, and Michael K. McCall
AFREPREN The African Energy Policy Research Network. An Evaluation.
Stockholm: Swedish Agency for Research Cooperation with Developing Countries,
SAREC Documentation, Evaluations 1994:3. (74p.) issn 0283-5290 1994
- Deborah Fahy Bryceson, and Michael K. McCall
Lightening the Load: Women's Labour and Appropriate Rural Technology in Sub-Saharan Africa.
Leiden: Africa Studies Centre, Working Paper No. 21. (32p.) isbn 90-5448-022-X 1994
- Wim S. Hulscher, Michael K. McCall, and Frank de Mink
Planning and Managing Energy in Rural Areas in Developing Countries.
Course Manual for 2-Week Training Programme.

Enschede: University of Twente, for Commission of the European Communities, Brussels. (3 Vols. 300p.) 1988

Michael K. McCall
The Diffusion of Regional Underdevelopment: Articulation of Capital and Peasantry in Sukumaland, Tanzania.
 Evanston: Northwestern University, Dept of Geography, PhD Thesis. 1980
 [Ann Arbor: University Microfilms International 8104745].

6.1.3 Capítulos de libros

Ivan Bacic, David Rossiter, and Michael K. McCall
 The environment for farmers' land use decisions in Santa Catarina, Brazil: implications for land evaluation.
 Chap. 3 pp.26-48 IN: Ivan Luiz Zilli Bacic (2003) Demand-Driven Land Evaluation: with case studies in Santa Catarina, Brazil.
 Wageningen: Wageningen University, AND: Enschede: ITC, ITC Diss. No. 105. (159p.) isbn 9058089029 2003

Michael K. McCall
 Brewers, woodfuel and donors: an awkward silence as the fires blaze.
 pp. 93-114 (Chap. 5) IN: D.F. Bryceson (ed.) Alcohol in Africa. Mixing Business, Pleasure and Politics. Portsmouth, NH: Heinemann isbn 0325071152 2002

Laurent G. Sedogo, Susanne M.E. Groten, Michael K. McCall, and B. Marta-Cassusso
 Conflict risk mapping in bottom-up regional planning: a spatial approach linking PRA, socio-economic and remote sensing data.
 Chap. 6, pp. 101-121 IN: Laurent G. Sedogo (2002) Integration of Local Participatory and Regional Planning for Resources Management using Remote Sensing and GIS.
 Wageningen: Wageningen University, AND: Enschede: ITC, ITC Diss. No. 92. (176p.) isbn 9058087514 2002

Michael K. McCall
 Hard Decisions for a Fragile Environment.
 pp. 227-251 (chap. 11) IN: B. Venema and H. van den Breemer (eds) Towards Negotiated Co-Management of Natural Resources in Africa. Munster: Lit Verlag. 1999

Michael K. McCall
 Resource Assessment in District Planning.
 pp. 167-172 IN: Bernd Jenssen (ed.) Planning as Dialogue. District Development Planning and Management in Developing Countries. Dortmund: University of Dortmund, Faculty of Spatial Planning, SPRING Research Series No. 2. (2nd ed.) 1998

Michael K. McCall
 Sustaining Environmental Planning Interventions: Should Ecological or Institutional Considerations take Precedence? Is Participation the Secret Ingredient?
 pp. 228-253 IN: M.M. Skutsch, H. Opdam and N. Schulte Nordholt (eds) Towards Sustainable Development. A Liber Amicorum for Enno W. Hommes. Enschede: University of Twente, Technology and Development Group. isbn 90-365-0716-2 1994

Michael K. McCall

Resource Assessment in District Planning.
 IN Bernd Jenssen (ed.) Planning as a Dialogue. District Development Planning and Management in Developing Countries. Dortmund: University of Dortmund, SPRING Centre, SPRING Research Series No. 2. pp.135-140. issn 0942-7554 1992

Michael K. McCall
 Regional Transport Planning for Socialist Development in Tanzania.
 IN R.B. Mandal (ed.) Patterns of Regional Geography. An International Perspective. New Delhi: Concept Publ. pp.161-181 isbn 8170222893 1990

Michael K. McCall (major contributions to):
 Chap. 7. Urban Energy Use; and Chap. 8. Urban Energy Options.
 IN: B. Munslow, Y. Katerere, A. Ferf, and P. O'Keefe (1988) The Fuelwood Trap: a study of the SADCC Region. London: Earthscan. isbn 1853830070 1988

Michael K. McCall
 Carrying Heavier Burdens but Carrying Less Weight: some Implications of Villagisation for Women in Tanzania.
 pp.192-213 IN Janet H. Momsen and Janet Townsend (eds) Geography of Gender in the Third World. London: Hutchinson isbn 0091708214 1987

Michael K. McCall
 Urban Planning Initiatives.
 Chap. 5 (pp. 99-148) IN ETC Foundation Wood Energy Development: A Planning Approach. A Study of the SADCC Region. Leusden: ETC, for SADCC Energy Sector, Luanda. 1987

Michael K. McCall
 Environmental and Agricultural Impacts of Tanzania's Villagization Programme.
 pp.123-140 IN John I. Clarke, M. Khogali and L.A. Kosinski (eds) Population and Development Projects in Africa. Cambridge: Cambridge University Press. isbn 0521305276 1985

Michael K. McCall and Margaret M. Skutsch
 Which Road for the Peasantry? Strategies and Contradictions in Tanzania's Rural Development.
 Chap IX. pp. 241-272. IN D.A.M. Lea and D.P. Chaudhri (eds) Rural Development and the State. London: Methuen. isbn 0416313205 1983

Michael K. McCall
 Farming Systems in Village Land Evaluation Methodologies. pp.118-128;
 Problems of Resource Allocation and Reallocation within Farming Systems Framework. pp. 202-204
 IN: P. Anandajayasekeram et al. (eds) Proceedings of the Conference on Farming Systems and Farming Systems Research in Tanzania. Morogoro: University of Dar es Salaam 1981

Michael K. McCall
 Zanzibar.
 pp. 332-336 IN: Africa Guide 1979. G. Hancock (ed.) Saffron Walden: World of Information 1978

Michael K. McCall
Tanzania.
pp. 309-326 IN: Africa Guide 1978 R. Synge (ed) Saffron Walden: World of Information 1977

6.2 Produccion de divulgacion cientifica

Michael K. McCall
The Planning Support Project Sri Lanka 22, 1992-1999. Final Report.
Zurich : University of Zurich, Dept. of Geography 2000
Contributions on Regional Planning.

Michael K. McCall, A. Fernando, Anton Krufft & R.S. Perera
'Building *NEWREAP* with a *MANDATE*': The Promotion of Equitable Economic
Growth in Nuwara Eliya District, Sri Lanka.
Report for Royal Netherlands Embassy & Regional Development Division, MPIPA,
Colombo. (120p.) 1999

Michael K. McCall
Consultancy on Regional Planning, Mission Reports I, II, III. IV. & V.
Planning Support Project Sri Lanka 22, Phase VI.
Zurich : University of Zurich, Dept. of Geography 1996-98

Michael K. McCall, Johannes Kinfu, Zewdie Shibre, Hayyalu Shiferaw & Ge Sibbing
Report on a Mission for DGIS DPO/IO to Formulate a Proposal for Inter-Institutional
Cooperation in Regional and Local Economic Development, between Addis Ababa
University and ISS. The Hague. (30p.) 1995

Michael K. McCall, Evelyn Hoogzaad and Hans Opdam
Transportation and Development: A Working Bibliography. Enschede: University of
Twente, Tech. & Development Group, Working Paper No. 66. 1993

Michael K. McCall, and Ludovic Wallaart
Literature on Rural Telecommunications: Development and Political Economy.
Enschede : University of Twente, Tech. & Development Group, Working Paper No.
60. (38p.) 1992

Michael K. McCall, and A.P. Dayananda) (eds.)
Proceedings of Workshop on Labour-based Infrastructure Construction. Moratuwa, Sri
Lanka, Dec. 1990. Hambantota, Sri Lanka: NORAD & HIRDEP 1991

Hiran D. Dias and M.K. McCall (eds)
Towards District Development Planning. Proceedings of a NORAD / HIRDEP
Seminar. Colombo: NORAD (212p.) 1991

Balakrishnan Nair, Paritosh Tyagi, Vandana Shiva, Georg C. de Gooijer, Michael K.
McCall and Henk Oudshoorn
Report of a Formulation Mission for the Kallada Environmental Action Programme.
Den Haag : AMILIS for Netherlands Ministry of Development Cooperation (DGIS)
(110p.) 1991

- Michael K. McCall (ed.)
Environmental Study. Hambantota District.
 Hambantota, Sri Lanka: HIRDEP (125p.) 1990
- Michael K. McCall
 Indigenous Technical Knowledge: Farming Systems and Rural Technology. A
 Bibliography of Eastern Africa.
 Enschede : University of Twente, Tech. & Development Group, Working Paper No. 38
 (40 p.) 1988
- Michael K. McCall
Zambia: Woodfuel Energy Study. Current Situation and Prospects. Report for SADCC
 and Dept. of Energy, Zambia. University of Twente, VOK Occasional Paper No. 7.
 (105p.) 1987
- Michael K. McCall, and Margaret M. Skutsch
Malawi: Woodfuel Energy Study. Report for SADCC and Forestry Dept., Malawi.
 University of Twente, VOK Occasional Paper No. 5 (57p.) 1987
- Michael K. McCall
 Indigenous Knowledge Systems as the Basis for Participation: East African Potentials.
 Enschede : University of Twente, Tech. & Development Group, Working Paper No.
 36. (22p.) 1987
- Michael K. McCall
 Bibliography on Animal-Powered and Pack Transport.
 T.H. Twente, Technology & Development Group 1986
- Michael K. McCall
 Small Scale Gasifiers in Arusha Region, Tanzania: Problems of Project Design and
 Implementation.
 T.H. Twente, VOK Working Paper No. 21. 1984
- Michael K. McCall
 More Burdens and Lower Status: Impacts of Villagisation on Women in Tanzania.
 T.H. Twente, Tech. & Development Group Working Paper No. 18. (34p.) 1984
- Michael K. McCall
 Distance Constraints in Peasant Farming Systems.
 T.H. Twente, Tech. & Development Group Working Paper No. 9 1984
- Michael K. McCall
 Transport in Agriculture: Movement Problems in African Peasant Agriculture.
 pp. 56-65 IN J. Kroes and M. Kromhout (eds) Kleinschalige Transportproblemen in
 Ontwikkelingslanden. Technical University of Delft, CICAT 1984
- Michael K. McCall
 Resource Planning Implications of Tanzania's Villagisation Programme.
 T.H. Twente, Tech. & Development Group Working Paper No. 6 1983

- Michael K. McCall
Interim Report on Implementation Feasibility of Gasifiers in Villages in Arusha Region.
T.H. Twente, Tech. & Development Group Working Paper No. 4. 1983
- Michael K. McCall
The Population Pressure on Natural Resources in Mbeya Region and Potential
Solution.
Report for Govt of Tanzania and FAO, Mbeya RIDEP Project, GCP/URT/055 (DEN).
Mbeya : Regional Commissioner's Office (122p.) Feb. 1982
- Michael K. McCall, H.M. Mushala and W. Rugumamu
Environmental Conditions and Farming Systems of Major Oil Seeds in Tanzania.
Dar es Salaam : NORAD "Vegetable Oils in Tanzania" Project Report. 1982
- Michael K. McCall
Land Use and Village Resource Evaluation in Regional Planning.
University of Dar es Salaam, Economic Research Bureau, ERB Paper (42p.) 1982
- Michael K. McCall
The Transport Sector.
IN: Rukwa Regional Integrated Development Plan. University of Dar es Salaam,
Bureau of Resource Assessment and Land Use Planning 1980
- Michael K. McCall
The Transport Sector in Tanzania: a Guide for Historical and Contemporary Research.
University of Dar es Salaam, BRALUP Research Paper No. 57 1979
- Michael K. McCall
Peasant agriculture under imperialism: the case of Usukuma.
Proceedings of the 12th Ann. Social Science Conference of East African Universities,
Dar es Salaam. Vol. II 1976
- Michael K. McCall, and Margaret Skutsch
Delphis and Games for Community Involvement.
IN: A.S. Manji (ed.) Educational Facilities Planning in Chicago. Chicago: Chicago
Board of Education, Project Simu-school Research Monograph No. 14. 1974
- Stephen Gale, Gunnar Olsson and Michael McCall
Language and Logic in Social Analysis: a working bibliography.
Evanston, IL: Northwestern university, Dept. of Geography, Studies in Intra-Urban
Mobility, Research Report. 1973
- Michael K. McCall, Margaret Skutsch and Scott Rutherford
'SCHOOLSITE': A Case of Conflict resolution in Educational Facilities Planning.
Chicago: Chicago Board of Education, Project Simu-school Research Report No. 4.
1972

6.3 Produccion para la Docencia

“pgis - psp – itk – (cb)nrm”: Applying Participatory-GIS to Participatory Spatial Planning and to Local-level Land & Land Resources Management utilising Indigenous Spatial Knowledge: A Bibliography.

http://ppgis.iapad.org/pdf/pgis_psp_itk_cbnrm_biblio_mccall_june06.pdf

2004 - ongoing

Course materials – Training Materials, Handbooks, Readers’ Guides, Reading Notes, Annotated Bibliographies, etc. in following educational fields: 1992-2006

Approximately 20-25 documents:

Collaborative Spatial Planning

Environmental Impact Assessment (EIA, SEA, SIA, etc.);

Environmental Planning & Management,

Environmental Policy analysis,

Farming Systems, and Land-Use Planning

Indigenous knowledge (ITK)

Local-level Planning, Institutional Aspects of Rural Planning

Natural Resource Management (NRM)

OOPP / ZOPP (Logical Framework Analysis)

Participatory GIS and Participatory mapping

Philosophy of Science

Research Methodology,

RRA and Participatory Rural Appraisal,

Rural & Urban Transport Planning,

Rural Energy Planning and Implementation

Rural Social / Environmental Survey methods –

Survey methods for social sciences

Transport & Economic Development.

Village Resource Assessment / Settlement Planning

Water Resources & Environmental

7. Otras Actividades Académicas

7.1 Participación en proyectos

Formulation mission to support “Capacity Building for Local Development Planning (LDP) in Maluku Recovery Programme” in post-conflict context. Ambon, Maluku Province, Indonesia,

Responsable del proyecto: ITC and Universitas Pattimura, Ambon

Formulation Report writing

2004

Sustainable Rural Energy development for disadvantaged rural communities.

Responsable del proyecto: SANPAD

Advisory support to Research proposal from M.L. Sultan Technikon, Durban, South Africa.

2001

Formulation mission to design a REAP (Rural Economic Advancement Programme) for Nuwara Eliya District, Sri Lanka, through building a multi-agency network & support services for small enterprises.

The mission developed new policy guidelines and designed a new structure and procedures for rural integrated development based on promoting small and micro-

enterprises within the tea estate population sector as well as in villages and small towns.

Responsable del proyecto: Regional Development Division/ DGIS/ Netherlands Embassy.

Team Leader. 1998

Regional Planning consultancy to the "Planning Support Project" of the University of Zurich and the Survey Dept, Govt. of Sri Lanka (funded by Swiss Development Cooperation).

Advice and support in responding to sub-national demands for geo-information outputs of the Survey Dept., especially with applications to local-level planning and landuse planning, with a focus on Southern Province. Coordinate with the SD, the Regional Development Division and Land Use Policy Planning Division.

Responsable del proyecto: Swiss Development Cooperation and Govt. of Sri Lanka..

Backstopping and field activities 1996-1998

Formulation of inter-institutional linkage programme between ISS, The Hague and Addis Ababa University, and development of a Master's programme in Regional Development Studies

Assessment of the proposed training and research linkages and reformulation of an MA programme in "Regional & Local Development Studies" to be implemented by AAU with ISS support; including assessment of demand, and the feasibility and sustainability of the programme.

Responsable del proyecto: Netherlands Ministry of Development Cooperation (DGIS)

Team Leader. 1995

Evaluation of AFREPREN (African Energy Policy Research Network).

for SAREC (Swedish Agency for Research Cooperation with Developing Countries)

Evaluation of the AFREPREN network's achievements in energy research, dissemination and institutional development. Making recommendations for reaching key policy-makers. AFREPREN is headquartered in Nairobi and Gaborone, and works throughout eastern & southern Africa. Evaluation work was performed in Botswana, Lesotho and elsewhere.

Responsable del proyecto: SAREC

Joint Team Leader and Author 1991-92

Kallada Environmental Action Programme.

AMILIS, for Netherlands Ministry of Development Cooperation, DGIS.

Preparing an Action Plan and ToR for integrated planning of the Kallada river basin in southern Kerala. Recommendations on institutional support and research activities with government and NGOs.

Responsable del proyecto: AMILIS, for Netherlands Ministry of Development Cooperation, DGIS

Team member 1991

Integrated Regional Development Planning, Zambia

National Commission for Development Planning, Govt. of Zambia, Lusaka

Consultancy for DGIS examining sectoral and regional proposals for 4th National Development Plan, focusing on Western and Lusaka Provinces, with recommendations for strengthening integrated planning.

Responsable del proyecto: DGIS and NCDP, Govt. of Zambia

Consultant, Team leader	1985
Rural Energy Planning and Management Training for EEC, DG VII Creation of integrated curriculum and materials for a comprehensive intensive training course in rural energy planning and projects for regional-level planners in developing countries. Output was extensive training materials & curriculum – 300 page Training Manual, tested internationally, and disseminated internationally by the EEC DG VII. Responsable del proyecto: EEC, DG VII. Consultant and Co-Author	
	1985-1987
Gasification by Partial Combustion Project – R&D project Design and Implementation of Feasibility Study & Village Socio-Economic Survey, Arusha Region, Tanzania. Responsable del proyecto: Twente University, for DGIS Consultant	
	1882-83
Environmental Conditions and Farming Systems of Major Oil Seeds in Tanzania. Researcher, NORAD "Vegetable Oils in Tanzania" Project. Responsable del proyecto: NORAD Researcher	
	1982
Village Resource Assessment, Mbeya Region, Tanzania F.A.O. and Government of Tanzania Field research and evaluation of village carrying capacities and development potentials as input to regional IRDP. Responsable del proyecto: FAO Consultant, team leader	
	1981
Training and Fieldwork training for National Census Enumerators, Tanzania. Responsable del proyecto: University of Dar es Salaam for: Govt. of Tanzania	
	1977
Mwananyamala unplanned housing area, Dar es Salaam. Facilities survey - researcher Responsable del proyecto: University of Dar es Salaam	
	1980
National Transport Data collection National Transport Corporation, Tanzania Responsable del proyecto: NTC	
	1978
Regional transport planning, Rukwa Region, Tanzania Design & research. Responsable del proyecto: University of Dar es Salaam	
	1977

7.2 Participacion como ponente en eventos academicos: congresos, coloquios, simposia, conferencias.

Presentaciones en Conferencias y Simposia

Bemigisha, Jane; Carranza, E.J.M.; Retsios, V.; McCall, M.K.; and Skidmore, A. 2007

Consistency in livestock grazing intensity classification by local experts and a livestock grazing suitability index.

Paper accepted for IALE Conference, Wageningen, July 2007.

Maneja, Roser; Martí Boada, Michael McCall, and Narciso Barrera-Bassols
Children's and teenagers' socio-environmental perceptions. Environmental Education proposals. La Huacana (Mexico).

Paper accepted for: 4th World Environmental Education Congress, Durban July 2007

Maneja, Roser; Boada Marti; Barrera-Bassols, Narciso; and McCall, Michael 2007
Interpretación de las percepciones socioambientales infantiles y adolescentes.
Propuestas de implementación a escala local y regional. La Huacana (Michoacán, México)

Paper given at: CEISAL, V Congreso Europeo de Latinoamericanistas 'Las relaciones triangulares entre Europa y las Américas en el siglo XXI : expectativas y desafíos.'
Bruselas, abril 2007.

<http://www.reseau-amerique-latine.fr/ceisal-bruxelles/CyT-MA/CyT-MA-2-Maneja-&-al.pdf>

Michael K. McCall and Cees van Westen

GIS and Participatory GIS for Community Risk Assessment & Management: UNU-ITC School on Disaster GeoInformation Management, 2005-2010

Invited Presentation given at: Informatica 2007 V Congreso Internacional 'GEOMATICA 2007', Programa Taller 'Educacion en Geomatica', La Habana, febrero 2007

Michael K. McCall

Participatory Mapping and PGIS for Community Risk Assessment & Disaster Management

Invited Presentation given at: IFRC and ProVention Workshop on "Local Perspectives on Disaster Risk Reduction", Johannesburg, November 2006

Michael McCall; Gerardo Bocco; Pedro Urquijo; Alejandra Larrazabal ; and Alejandro Velasquez; with Roser Maneja

Community Landscape Management with PGIS: Fuzzy Mapping for Fuzzy Landscapes.

Paper given at: IBG-RGS Annual Conference, London, August 2006

Michael K. McCall and Pedro Urquijo

Sistemes d'informació Geogràfica Participatius (P-GIS) i Paisatge Cultural - Participatory GIS and Cultural Landscapes

Presentation at ICTA, Universidad Autónoma de Barcelona, Feb. 2006

Michael K. McCall

Haciendo Historia con Mapas: Participatory Mapping and PGIS in Indigenous Societies.

Inaugural lecture in: Seminario Permanente Alexander von Humboldt, UNAM, UAM, Instituto de Geografía, Morelia. Nov. 2005

Michael K. McCall

Fuzzy Landscapes, Fuzzy Mapping

- Paper given at CLAG Conference, Morelia, Mexico Oct. 2005
- 3 Papers given at: "Mapping for Change: International Conference on Participatory Spatial with Information Management & Communication, PGIS '05," Nairobi, Sept. 2005
- Giacomo Rambaldi, Peter Kyem, Peter Mbile, Mike McCall, and Daniel Weiner
Participatory Spatial Information Management and Communication in Developing Countries.
Michael K. McCall
- Precision for Whom? – Notes on Mapping Accuracy and Ambiguity in PGIS.
Peter A. Minang and Michael K. McCall
- PGIS and local spatial knowledge utility enhancement for community carbon planning.
- Peter A. Minang, Michael K. McCall, and W.H. Erik de Man 2004
Characterising Participatory Geographic Information Systems Using Soft Systems Theory. In Proceedings of The 3rd Annual URISA 2004 Public Participation GIS (PPGIS) Conference July 2004, University of Wisconsin-Madison, USA
- Michael K. McCall 2004
Can participatory-GIS strengthen local-level spatial planning? Suggestions for better practice. Paper given at: GISDECO 2004, 7th Internat. Seminar on "GIS for Developing Countries", Skudai, Johor, May '04. (19p.)
http://www.iapad.org/publications/ppgis/Mike_McCall_paper.pdf
- Michael K. McCall 2004
Reviewing 'Good Practice' in Participatory-GIS: Lessons from and for Implementation. Paper given at: 'Mapping the Neighbourhood', Map India 2004 Conference, New Delhi, Jan. 2004
- Michael K. McCall and Peter Akong Minang 2003
Participatory-GIS for Community-Based NRM in Development – does it support 'Good Governance'?
Paper at URISA Conference on Public Participation GIS, Portland, OR. July 2003
- Michael K. McCall and Jeroen Verplanke
Boundary dispute settlement using mobile GIS.
Paper given at ESRI Users Conference, San Diego. July 2003
- Michael K. McCall, John Chome and Ayako Kagawa
Impacts of Title Registration in Informal Settlements – the case of Blantyre.
Paper Workshop on 'Secure Tenure to Land for the Urban Poor', T.U. Delft Nov. 2002
- Karen Buchanan, Michael K. McCall and Noortje Vis
An EIA Training Needs Analysis of Developing Countries.
Paper for IAIA '02 Conference "Assessing the Impact of Impact Assessment", The Hague, June 2002
- Michael K. McCall
Governance & Local GIS. applying indigenous spatial knowledge to natural resource management – using participatory geo-information acquisition and analysis.

Paper given at 4th GISDECO Conference, "Governance and the Use of GIS in Developing Countries", Enschede, May 2002

Michael K. McCall and Mike Witherden
The delivery of Renewable Energy in remote Rural Areas of Kwa-Zulu Natal through the promotion of Energy Entrepreneurs (a proposed new approach to economic development). Paper given at ANZSES Australia & New Zealand Solar Energy Systems Conference, Melbourne. Nov. 2001

Michael K. McCall
'Environmental Degradation from Debt: measurable impacts or just a gut feeling?'
Paper given at Institute of British Geographers, Annual Conference, Brighton Jan. 2000

Michael K. McCall
'Is International Debt driving Environmental Degradation? Reality – or just a Gut Feeling?'
Paper given at: Monsoon Symposium 'Ontwikkelingssamenwerking in de 21e Eeuw', Enschede, June 2000
Enschede: Monsoon Symposium, 'Ontwikkelingssamenwerking in de 21e Eeuw'. Naverslag, pp. 12-15.

Michael K. McCall
Regional Development Interventions – What's the Role for Private Enterprise?
Examples from Sri Lanka – Nuwara Eliya.
Paper given at SPRING Workshop on "How to Initiate Change?' Strategic Intervention for Decentralized Regional Planning", University of Dortmund, Nov. 1998

Michael K. McCall
Genderising Natural Resource Management Research and Projects. Why? What? How? Paper in Research Seminar Series, ITC, June 1998

Michael K. McCall
Hard Decisions for a Fragile Environment: Environmental Policy Instruments in the East Usambara Mountains. Paper given at Tanzania Study Day, African Studies Centre, Leiden University, March 1998

Michael K. McCall
Tea for the Tillerman? and other Dilemmas in Environmental Management - Policy Instruments in the East Usambaras.
Poster presentation. CTA/ITC Seminar on "GIS and Remote Sensing as Tools for Rural Development in Africa", Enschede, Sept. 1997

Michael K. McCall
Brewing is Women's Business: Resources, Income and Autonomy in Brewing.
Paper given at Workshop on Alcohol in Africa: Multiple Utilities and Meanings, African Studies Centre, Leiden University, June 1997

Michael K. McCall

Policy Instruments in Natural Resource Protection: Parallels between Tanzania and Sri Lanka?

Lecture given to Sri Lanka Association of Geographers, Colombo, 1996

Michael K. McCall and Margaret M. Skutsch

Institutions for Participation and Natural Resource Management.

Paper given at: TDG Workshop on Infrastructure and Institutional Form, University of Twente, June 1995

Michael K. McCall, Hudson Andrua and Sammy Masayanyika

Dilemmas in Environmental Management- Biodiversity Protection by Whom? for Whom? "Can Tea be Good for People and the Forest?"

Paper given at: Institute of British Geographers, Annual Conference, Newcastle. January 1995

Michael K. McCall, G. van Ek, J. Henriët, G. Karanetilleke & M. Liyanage

Indigenous Agricultural Methods in Dry Zone Farming. Observations from Hambantota - Gonnoruwa area, Hambantota District.

Paper presented to: National Symposium on Indigenous Knowledge and Sustainable Development. Nugegoda, Sri Lanka, March 1994

Michael K. McCall

Local Participation for Sustainable Development. Whose Participation? Which Sustainability? Examples from Hambantota District.

Paper given at: SPRING-Forum on District Planning in Action, University of Dortmund, Dept. of Spatial Planning. Dortmund, October 1992

Michael K. McCall, and Evan Due

Locational Analysis and Rural Development : Capacities and Limits of Regional Planning Practitioners.

Paper given at: UN ESCAP International Seminar on Rural and Settlement Planning. Teheran, August 1992

Michael K. McCall

Sustaining Development in Hambantota District - Do Environmental or Institutional Issues take Precedence? Paper given at: Institute of British Geographers, Annual Conference. Swansea, January 1992

Michael K. McCall

Indigenous Knowledge Systems as the Basis for Participation: East African Potentials.

Paper given at: European Association of Development Institutes (EADI), Conference. Amsterdam, September 1987

Michael K. McCall

Village Resource Assessment in District Resource Planning.

Paper given at: Deutsche Stiftung für internationale Entwicklung (DSE), Course on Planning and Management of Integrated Rural Development. Berlin, July 1987

Michael K. McCall

The Implications of Eastern African Rural Social Structure for Local-Level Development: the Case for Participatory Development based on Indigenous Knowledge Systems.
 Paper given at: UN Centre for Regional Development/Institute for Development Studies, Seminar on "Eastern Africa Rural Development Experience: Strategies in Local Development". Nairobi, (50p.) July, 1987

Michael K. McCall
 Matching Energy Options to Needs.
 Paper given at: ICIMOD, 1st Regional Consultation and Workshop on Strengthening Rural Energy Planning & Management in the Mountain Districts of Hindu Kush-Himalaya. Kathmandu, April 1987

Michael K. McCall
 Social and Economic Implications of Villagisation for Women in Tanzania.
 Paper given at: Institute of British Geographers, Annual Conference. Reading, Jan. 1986

Michael K. McCall
 Accessibility and Mobility in Peasant Farming in Africa.
 Paper given at: Institute of British Geographers, Annual Conference. Leeds, Jan. 1985

Michael K. McCall
 Project Planning in developing Countries: comments on OR methodology.
 Paper given at Stichting Operational Research meeting, Utrecht Dec. 1984

Michael K. McCall
 Appropriate Technology in Tanzania - a Social Economic Perspective.
 Paper given at: Panel Discussion on Appropriate Technology, Tanzania Comité. Utrecht. 1984

Michael K. McCall
 Persuading people to use Appropriate Technology: an account of an RET project in Tanzania. TDG, Twente University of Technology.
 Paper given at Conference of Institute of Development Studies, Bradford, UK. 1984

Michael K. McCall
 Rapid resource Assessment and Settlement Planning in Tanzania.
 Paper at: Institute of British Geographers, Ann. Conference. Edinburgh, Jan 1983

Michael K. McCall
 Farming Systems in Village Land Evaluation Methodologies.
 Problems of Resource Allocation and Reallocation within Farming Systems Framework

Michael K. McCall
 2 Papers given at: Conference on Farming Systems and Farming Systems Research in Tanzania, Arusha, Tanzania,. 1981

Michael K. McCall
 Imperialist imperatives and their strategies in East Africa, University of Dar es Salaam, History Dept.. Seminar Series (29p.) Feb. 1980

Michael K. McCall
Regional transport planning for a socialist Tanzania.
Paper given at 2nd Ann. Conference, Tanzania Institute of Engineers 1979

Michael K. McCall
Regional underdevelopment and peasant agriculture in Usukuma.
Paper given at Commonwealth Geographical bureau, 3rd Regional Seminar, Dar es Salaam, 1976

7.2 Participacion como ponente en eventos academicos: congresos, coloquios, simposia, conferencias.

International Workshop on Community Risk Assessment.
1 week workshop organised by ProVention, Geneva and University of Cape Town, Cape Town.
Invited Presenter & participant June 2005

Issues and Strategies in Local-Level Development in Eastern Africa.
United Nations Centre for Regional Development, (Nairobi) 1987
Develop concepts and strategies for using "indigenous technical knowledge" (especially in agriculture and land-use systems) for local-level planning & implementation in eastern Africa.
Invited Presenter & participant

National Workshop on Village Resource Assessment, Tabora, Tanzania
Co-Convenor 1981

7.3 Organización de eventos academicos

"Mapping for Change: International Conference on Participatory Spatial Information Management & Communication, PGIS '05", Conference, Nairobi, Sept. 2005
International Conference, 1st conference on PGIS in South venue, 50 countries and 1st Nations represented. Entire issue of 2 journals devoted to refereed papers from the Conference. Major website.
Conference Co-Director Sept. 2005

"Measuring the Environmental Impacts of International Debt." Dec. 2000
Seminar/Workshop for the 50th Anniversary of ITC, - external presenters from WWF, Jubilee 2000, CIFOR, et al. Dec. 2000
Organiser / Coordinator 2000

"National Land Use Planning Conference" 1982
Tabora, Tanzania.
Organiser

7.5 Actividades Editoriales

Editorial Board: Special issue: Participatory Learning and Action, Vol. 54 , 2005-6

Editorial Board & Founding member: D-Group “PPGIS” - 1000 member internet discussion group on ‘participatory GIS and participatory mapping’.

Editorial Board & Founding member: D-Group “PPGIS - Espanol” - new internet discussion group on ‘participatory GIS and participatory mapping’.

7.8 Anos o Semestres Sabaticos

Sabbatical period of 6 months at Instituto de Geografia, UNAM (Universidad Nacional Autonoma de Mexico), Morelia, Michoacán. November 2004 – May 2005
Giving short Training courses, lectures, supervising MSc research, developing new courses in Landscape Management, supporting ITC-UNAM Joint Education Programme, etc.

8. Formacion de recursos humanos y de grupos de trabajo

Cursos extracurriculares

Short Course /Workshop in “Participatory-GIS and Participatory Mapping in Resource Management and Conflict Mitigation”.

10 days training course/workshop with ERMIS, Kenya (support from CTA, Wageningen, ITC, UN-HABITAT), Nakuru, Kenya

Workshop Director / Co-Coordinator Dec. 2005

Short Course /Workshop in “Geo-Information Tools for Community-based Disaster Management”.

2 week training course/workshop with Universidad de Tolima, Ibague, Colombia

Workshop Lecturer Nov. 2005

Short Course /Workshop in “Participatory-GIS and Participatory Mapping in Resource Management and Conflict Mitigation”.

2 week training course/workshop with ERMIS, Kenya (contract support from CTA, Wageningen), Nairobi, Kenya

Workshop Director / Co-Coordinator Aug.-Sept. 2005

Short Course /Workshop in “Participatory-GIS and Participatory Mapping in Urban Management”.

1 week training course/workshop with UNAM, Morelia, Mexico, March 2005.

Workshop Co-Director / Co-Coordinator Feb. 2005

Short Course /Workshop in “Participatory-GIS and Participatory Mapping for Natural Resource Management”.

2 week training course/workshop with UNAM, Morelia, Mexico, Jan.-Feb. 2005.

Workshop Co-Director / Co-Coordinator Jan. 2005

Workshop in “Geo-Information for District-level Spatial Planning under Decentralisation”

Joint 2 week training workshop with UCLAS University of Dar es Salaam, Dar es Salaam, Tanzania.

- Workshop Director / Coordinator July 2004
- Participatory Land Use Planning, Farming Systems, Land-Use Planning
Visiting Lecturer, Geography Dept., Utrecht University 2001-2004
- Workshop in "Geo-Information Management for Environmental Impact Assessment".
Joint 2 week NUFFIC training workshop with UCLAS University of Dar es Salaam, Dar
es Salaam, Tanzania.
Workshop Director / Coordinator Nov. 2001
- Workshop in "Geo-Information Management for Environmental Impact Assessment".
Joint 2 week NUFFIC training workshop with University of Dar es Salaam, Geography
Dept. & IRA, and UCLAS, and CMER (Netherlands Commission for EIA), Arusha,
Tanzania.
Workshop Director / Coordinator Dec. 2000
- Workshop in "Geo-Information Management for Environmental Impact Assessment".
Joint 2 week NUFFIC training workshop with University of Dar es Salaam, Geography
Dept. & IRA, Arusha, Tanzania.
Workshop Director / Coordinator Nov. 1999
- Courses prepared for and taught at Dept. of Geography, University of Zimbabwe,
Harare, Zimbabwe. 1998, 1999, 2000
Environmental Planning & Management, Environmental Policy analysis, Environmental
Economics, etc.
- Training course on 'Regional Planning for Spatial Use Management',
tailor-made course for BANGDA agencies, Indonesia. ITC, Enschede.
Course Coordinator, and trainer. 1996
- Graduate Training in Land Use Planning and Resource Assessment.
University of Dar es Salaam (UDSM) 1995-98
Development of a linkage between ITC and UDSM to support the setting up of a
Master's programme in Environmental Management, including landuse planning,
environmental assessment, GIS, etc. in Dept. of Geography.
- Rural Energy, Development and Planning.
SADC, given at ESAMI, Arusha (with VOK, University of Twente) 1994-97
Preparation of curricula, training materials, and institutional strengthening for training
workshops in rural energy development, environment, energy data collection for
personnel from SADC countries.
Coordinator of Workshop Modules and participation in lecturing and fieldwork.
- Integrated Rural Transport Planning
ILO, Geneva. 1991
Advice on training materials in rural transport planning for eastern African universities
and government institutions.
- OOPP / ZOPP (Logical Framework Analysis) methods
Workshops in Hambantota and Colombo for HIRDEP / NORAD. 1987-1990

Village Resource Assessment / Settlement Planning Workshops for DSE, Berlin.	1987
Rural Energy Planning Methodology Training materials for ICIMOD, Kathmandu Workshop for developing research and training materials.	1987
Rural Energy Planning and Management Training for EEC Creation of integrated curriculum and materials for a comprehensive intensive training course in rural energy planning and projects for regional-level planners in developing countries. Output was extensive curriculum and 300p. Training Manual .	1985-1987
Local-level Planning, Institutional Aspects of Rural Planning, Implementation of Development Projects, Project planning MDF. Ede, Netherlands	1985-87
Village Resource Assessment / Settlement Planning Workshops/courses in University of Dortmund, SPRING Programme	1985-87
Rural Energy Planning and Implementation Training Workshop at UN-ESCAP Bangkok.	1985
Rural Transport Planning, Transport & technology. Technical University of Delft	1984 -85
Village Resource Assessment / Settlement Planning Courses at University of East Anglia, Norwich, UK	1982-1984

Cursos escolarizados

International Courses 1982-2007

Rural Energy Planning and Implementation.

1982-2007

International Short Courses (6-8 weeks) taught at University of Twente and ITC.
Sometimes Course Director/ Co-ordinator. Lecturer & preparation of materials, mainly:
Environmental Planning & Management, Environmental Policy analysis, Environmental
Economics, Implications for Rural Energy Planning, etc.

Courses taught at :

Univ. of Twente and ITC:	1982 – 2003, 2006-7
UN-ESCAP Bangkok	1985
Support to Course in Delhi	1987
Support to Course in Kathmandu	1987
Course modules given at ESAMI, Arusha, Tanzania for SADC	1995-97

Courses at ITC, Enschede 1991-2007

Environmental Impact Assessment (EIA, SEA, SIA, etc.) 1991-2006

Environmental Planning & Management, Environmental Policy analysis, Environmental
Economics. 1991-2006

Environmental Implications for Rural Energy Planning. 1983-1987; 1991-1998

Participatory Mapping and Participatory-GIS (Collaborative Spatial Planning) 2002-2007	
Natural Resource Management (NRM) Introductory Module for main ITC student intake. Coordinator / Manager	1998 – 2003
Rural Social / Environmental Survey methods - RRA, Participatory Rural Appraisal, Indigenous knowledge, etc.	1991-2004
Water Resources & Environmental Management - Introductory Module for ITC student intake. Coordinator	1998 – 2003
Local-level Planning, Institutional Aspects of Rural Planning, Implementation of Development Projects, Project planning.	1991-2004
OOPP / ZOPP (Logical Framework Analysis)	1992- 2003.
Agricultural Geography, Farming Systems, Land-Use Planning	1991-98
Village Resource Assessment / Settlement Planning	1991-6
Rural & Urban Transport Planning, Transport & Economic Development.	1991-3, 2004
Research Methodology, MSc Structuring, and Philosophy of Science.	2000 – 2006
Courses at Twente University, Enschede	1982-1987, 1991-1993, ...
Environmental Impact Assessment (EIA, SEA, SIA, etc.)	1991-1993
Environmental Planning & Management, Environmental Policy analysis, Environmental Economics	1991-1993
Environmental Implications for Rural Energy Planning	1983-1987; 1991-1998
Local-level Planning, Institutional Aspects of Rural Planning, Implementation of Development Projects, Project planning	1983-87
OOPP / ZOPP (Logical Framework Analysis)	1987, 1992-3
Development Problems, development Economics, Appropriate technology	1982-85
Courses at University of East Anglia, UK	1983-84
Rural physical planning, Location theory; Rural energy	
Courses at University of Dar es Salaam,	1974-1982
Agricultural Geography, Farming Systems, Land-Use Planning University of Dar es Salaam, Dept. of Geography;	1977-1982
Village Resource Assessment / Settlement Planning, land evaluation University of Dar es Salaam	1978-82

Populations and Rural settlement - Course development	1981-82
Transport Planning, Transport Economics, Transport & Economic Development, Rural transport impacts, project appraisal.. Multi-disciplinary Courses & workshops at University of Dar es Salaam in Depts. of Geography, Economics and Civil Engineering	1974-1982
Rural Transport Planning, Transport Economics, Transport & Economic Development. National Institute of Transport, Dar es Salaam, Tanzania	1976-1982
Quantitative methods: Introductory statistics and Spatial Statistics	1974-1978
Philosophy & methodology of Geography, Research methods	1974-80
Guiding PhD, MSc and BSc Fieldwork	
PhD	
PhD supervision, Cameroon	2006
MSc Fieldwork	
Group leader, East Usambaras, Tanzania.	July-Aug. 1994, 1995, 1996
Group leader, Chiang Mai, Thailand.	Aug.-Sept. 1993
MSc supervision, Mexico, Uganda	2005
MSc supervision, Tanzania	2003
MSc supervision, Tanzania, Kenya	2002
MSc supervision, Malawi, Tanzania	2001
MSc supervision, Nepal	2000
MSc supervision, Sri Lanka	1998
MSc supervision, Lesotho, Pakistan, Zambia	1992-93
MSc supervision, University of Dar es Salaam, Tanzania	1976-1982
BSc Fieldwork	
Group leader, Mbeya, Tanga, Kilimanjaro, Tanzania	1976, 78, 80

8.2 Personal formado

8.2.1 Tesis dirigidas

Doctorado - PhD Graduates and Candidates

Completed

Dr. Rhodora Gonzalez (Philippines) (June 2000)
Platforms and terraces: bridging participation and GIS in joint - learning for watershed management with the Ifugaos of the Philippines.
PhD thesis Wageningen University. (ITC Dissertation ; 72). [Asst. Promoter]

Dr. Irna van der Molen (Netherlands) (June 2001)
Rains Droughts and Dreams of Prosperity. Resourceful Strategies in Irrigation Management and Beyond – the Sri Lankan Case.
PhD Twente University, [Asst. Promoter] isbn 9036516544

Dr. Laurent G. Sedogo (Burkina Faso) (2002)
Integration of local participatory and regional planning for resources management using remote sensing and GIS.
PhD thesis Wageningen University. [Advisor]

Dr. Citlalli López Binnqüist, (March 2003) (Mexico)
The endurance of Mexican Amate paper : exploring additional dimensions to the sustainable development concept.
University of Twente, PhD thesis (ITC Dissertation ; 97) isbn 9036519004
Joint Promoters J.Th.A. Bressers and M.K. McCall

Dr. Ivan L.Z. Bacic (Brazil) (2003)
Demand driven land evaluation: with case studies in Santa Catarina, Brazil.
PhD thesis Wageningen University; (ITC Dissertation ; 105). [Advisor]

Dr. Peter Akong Minang (Cameroon) (June 2007)
Implementing Global Environmental Policy at Local Level: Community Carbon Forestry Perspectives in Cameroon.
PhD, Twente University. (ITC Dissertation:)
[Joint Promoters J.Th.A. Bressers and M.K. McCall]

Candidates

Jane Bemigisha (March 2008)
Knowledge, Geo-Spatial Technology and Analytical Scales: Spatial Interactions of Vegetation & Livestock grazing
PhD Candidate, Wageningen University Promoters A. Skidmore & H. Prins {Advisor}

Doctorado - Membership of PhD Exam Committees

Cora Lawas 1997 (Philippines) The resource users' knowledge: the neglected input in land resource management. The case of the Kankanaey farmers in Benguet, Philippines. PhD Wageningen University

Tomas Ceccarelli 1997 (Italy) Towards a planning support system for communal areas in the Zambezi valley, Zimbabwe, a multi-criteria evaluation.

Wietske Bijker 1997 (Netherlands) Radar for rain forest: a monitoring system for land cover change in the Colombian Amazon.

Davide Geneletti 2002 (Italy) Ecological evaluation for environmental impact assessment. PhD Wageningen University

Lorena Montoya 2002 (Costa Rica) Urban disaster management: a case study of earthquake risk in Carthago, Costa Rica.

Narciso Barrera Bassols 2003 (Mexico) Symbolism, Knowledge and management of Soil and Land resources in indigenous Communities: ethnopedology at Global, Regional and Local Scales. PhD University of Gent.

8.2.1 Maestria

MSc THESES, ITC. Supervisor

Granados Herrera, Janik 2007 (Mexico)
Local ecological and spatial knowledge about wildlife: a study in a Mexican ejido towards improving landscape management.
MSc UNAM - ITC ILM joint MSc (Distinction)

Jacome Loor, Ginella 2007 (Ecuador)
Relocation of people settled in an environmentally hazardous urban area. Case study of Moravia's waste disposal site, Medellin, Colombia.
MSc UPLA

Mandara, Christina Geoffrey 2007 (Tanzania)
Participatory GIS in mapping local context of conflicts over pastoral resources. A case study of Duru Haitemba, Babati, Tanzania.
MSc NRM

Anura Prasanna Mora Mudalige 2007 (Sri Lanka)
Impact of secure land tenure on income generating activities in urban informal settlements: A case of Dar es Salaam, Tanzania
MSc UPLA

Anggraini Dewi 2007 (Indonesia)
Community-based Analysis of Coping with Urban Flooding : a case study in Semarang, Indonesia
MSc UPLA

Nsibirano, Mary 2006 (Uganda)
Opportunities and threats of a landfill. The positive and negative impacts of Lusanja Sanitary Landfill – Kampala City
MSc NRM

Carvallo Salas, Joahna 2006 (Peru)
Assessing the spatial relationship between public road infrastructure and the socio-economic indicators of urban poverty in southern Lima, Peru.
MSc UPLA

Pineda Zumarin, Jessica 2006 (Peru)
Maintenance of River Ecosystems within Urban Areas. Case study: Lima, Peru.
MSc. NRM

Kumar Jimée, G. (2006) (Nepal)
Seismic vulnerability and capacity assessment at ward level: a case study of ward no. 20 Lalitpur sub metropolitan city, Nepal.
MSc EREG

Elekani, H.M. 2004 (Zambia)
Indicators of sustainable forest management : local perspectives : a case study of Labanan forest in Indonesia.

MSc. NRM

Buhangin-Africano, Sharon 2004 (Philippines)
 Calls from the Philippines : assessing the demand for and effectiveness of public
 calling offices in low income areas in the Philippines
 MSc UPLA

Nguyen Thuy Trang (2004) (Vietnam)
 PGIS's Relevance, applicability and Conditions in local rural development: a case
 study with Village development Planning in Bach Ma National Park buffer zone,
 Vietnam.
 MSc. NRM

Saawo, Harriet (2004) (Tanzania)
 Spatial Information Needs for Community Forest Management: Changing
 Responsibilities of District Forest Officers.
 NRM MSc

Sekeleti, Martin (2004) (Zambia)
 District Level Spatial Information: its Requirements and Use for Allocation of Social
 Infrastructure.
 NRM MSc

Akong Minang, Peter 2003 (Cameroon)
 Assessing participatory geographic information systems for community forestry
 planning in Cameroon : a local governance perspective
 NRM MSc (Distinction)

Mapanda, Enver Consolata (2003) (Zimbabwe)
 Local and External Indicators of Sustainable Forest Management: Commonalities and
 Disparities.
 NRM MSc

Bernard M. Nzau 2003 (Kenya)
 Modelling the influence of urban sub-centres on spatial and temporal urban land value
 patterns: case study of Kenya.
 MSc. UPLA (Distinction)

Mavuto Denis Tembo 2003 (Malawi)
 Assessing spatial information gaps: a decentralisation perspective on District Natural
 resource management planning in Tanzania.
 MSc. NRM

John Chome 2002 (Malawi)
 Behavioural and spatial impacts of title registration in informal settlements: the case
 study of Blantyre City, Malawi.
 MSc UPLA (Distinction)

Stella Clara Mark Massawe 2002 (Tanzania)

Beach Tourist Hotels: Conflicts or harmony? Using spatial conflict analysis (SCA) methodology in identifying and predicting competitive land uses in Bagamoyo Coastal Zone.

MSc NRM Distinction

Carolina Boix Fayos 2002 (Spain)

Competition over water resources: analysis and mapping of water-related conflicts in the catchment of Lake Naivasha (Kenya)

MSc NRM (Distinction)

Bhupendra Kumar Khadka 2001 (Nepal)

Inter-agency Coordination and Integration Modalities in participatory watershed Management: a comparative study of 2 Projects in Nepal.

MSc WREM

Mangalika Ekanayake 2001 (Sri Lanka)

Re-development of under served settlements in the City of Colombo, Sri Lanka.

MSc UPLA

Joseph Kamau Gathua 2001 (Kenya)

Attitudes of Local Communities towards Conservation. Case study of community wildlife conservation around Amboseli National Park, Kenya

MSc NRM

Jay Ram Adhikari 2001 (Nepal)

Women, Natural Resource and Indigenous Technical Knowledge. Issues and opportunities in integrated watershed management. A case study of Tungan sub-Watershed, Lalitpur District, Nepal

MSc WREM

Oduor Cornel Ouma 2001 (Kenya)

Pastoralists' Dilemma: assignment of changes in livestock production and household dynamics among the Maasai due to development of boreholes in Moindabi, Kenya.

MSc NRM

Shyam Krishna Paudel 2000 (Nepal)

Implementing Community Forestry in the Terai Region of Nepal: How, Where and with Whom?

MSc NRM

Andrew Kyei Agyare 2000 (Ghana)

Incorporating Local Community Capacity into Natural Resources Management Projects in Ghana: Assessing potentials, effectiveness and impacts.

MSc NRM

Hendrik Westerbeek 2000 (Netherlands)

Impediments to the implementation of land administration processes in central and eastern European Countries (CEEC) in the context of European integration.

MSc. SIG

M.G. Kularatne 1999 (Sri Lanka)

Fishermen without Fish: the effects of productivity decline in lagoon fisheries on a Fishing and farming Community and its use of natural resources. A case study of Malala Lagoon, Hambantota, Sri Lanka.
MSc. NRM

Katigula, Masaba I.L. (1999) (Tanzania)
Dependence of Local Communities on Protected Forests as Sources of Non-Timber Forest Products and its Role in Forest Management. A case study of the East Usambara Protected Natural Forests, Tanzania.
SIG MSc

Asurage Abeywickrama (1998) Sri Lanka
Use of Spatial Information for Land Use Planning in Sri Lanka: a study of land use planners' satisfaction with the supply of land resource and land utilization type information in Upper Mahaweli Watershed.
MSc SIG

Maria Kasita (1998) (Namibia)
Communal Grazing Land Management Problems in Namibia and the National Land Policy White Paper. A study of multiple cases in Omaheke Region.
MSc NRM

Nyiramahoro, Eunice Magdalene (1998) (Uganda)
Farm Forestry as an Instrument for Forest Conservation and Local Livelihood. A case study of the East Usambara Forest Area.
SIG MSc

Driciru, Fiona Florence (1997) (Uganda)
Women's Differential Access to Land and the Effects on Women's Use of Land and Tree Resources.
MSc SIG

Kidombo, Pius Kipketer (1997) (Kenya)
Policy Instruments and Peoples Responses in Natural Forest Management. Examining the effectiveness of combining participatory and regulatory policy instruments. A study in Maramba Division – East Usambara, Tanzania.
MSc SIG

Sun Yu (1997) (China)
Ecotourism in Tanzania. Case study in East Usambaras.
MSc SIG

Suharyanto 1997 (Indonesia)
Land Use Scenario Development using Goal Programming.
MSc SIG

Wijesinghe Jayaweera Mudiyanseelage Dayaratne 1997 (Sri Lanka)
How to maintain the Water Holding Capacity of Geelong Mountain
MSc SIG

Hakizumwami, Elie (1996) (Rwanda)

Constraints for On-Farm Fuelwood Supply. A case study in Amani Division, East Usambara Mountains, Tanzania.

MSc SIG

Sah, Shobhit (1996) (India)

Use of Farmers' Knowledge to Forecast Areas of Cardamom Cultivation. An application of a participatory land suitability analysis in East Usambaras, Tanzania.

MSc SIG

Torres-Moreno, Sergio F. (1996) (Bolivia)

Assessing Policy Instruments for Environmental Management in East Usambara Mountains, Tanzania. Introducing participation qualifiers into the theory of policy instruments.

MSc SIG

Andrua, Hudson J. (1995) (Uganda)

Common Property Forest Resources Management. A case study in Msasa IBC, East Usambara Mountains, Tanzania.

MSc SIG

Masayanyika, Sammy W.S. (1995) (Tanzania)

Linking Conservation with Livelihood Security. The case of East Usambara Mountains, Tanga Region, Tanzania.

MSc SIG

Mokhosoa Kgaswanyane, Mathapelo (1995) (Lesotho)

Should female-headed farm households be treated as a homogeneous group in agricultural innovation diffusion? A study of adoption of six innovations by female-headed households in East Usambara Mountains, Tanga Region, Tanzania.

MSc SIG

Justina Uisso 1995 (Tanzania)

Institutional support to rural women in Household Energy Needs: a case study of Iloilo and Guimaras Provinces, the Philippines.

MSc SIG

Dorji Wangchuck 1995 (Bhutan)

Factors that affect local participation in community forestry. A case study of success/failure of community woodlots in Punakha Dzongkhag, Bhutan

MSc. SIG

Ali Gohar 1994 (Pakistan)

Gaps between indigenous and exogenous knowledge in agroforestry development. A case study in Northern Areas, Pakistan.

MSc. SIG

G. Leenders 1994 (Netherlands)

Les Paysans au delà des Frontières: Etude de Mouvement Paysans sans Frontières (MSPF) pour une Agriculture durable avec une référence spéciale a trois groupes du Burkina Faso et du Sénégal.

IS MSc

Alice Akinyi Ligunya 1994 (Kenya)

The role of women groups in natural resources management in the Amboseli Biosphere Reserve.

MSc SIG

Wang Yan 1994 (China)

Assessment of the implementation and effectiveness of Thai Environmental legislation. With special reference to the case of environmental legislation for water pollution control in Chiang Mai city, Thailand.

MSc SIG

S. Ntene (1993) (Lesotho)

Assessment of government policy on rural, development: a case study of Thabane-Morena Integrated Rural Development Project, Mafeteng District, Lesotho.

MSc SIG

Gertrude Mwangala Nsofwa 1993 (Zambia)

Monitoring and On-going Evaluation: the case of the Zambia Improved Stove Programme.

MSc SIG

W. Wickramasinghe 1993 (Sri Lanka)

Evaluation of selected land Utilization Types in the estate Sector, with special reference to the Watershed management: a case study of We-Oya sub-watershed, Kegalle District, Sri Lanka.

MSc SIG

Elisabeth Toé 1993 (Burkina Faso)

Suivi et Evaluation de Mise en Défens pour la Restoration dans les Zones Semi Arides: Etude de cas de Bayend Foulgo, Province du Bam, Burkina Faso

MSc, IS

Vasinee Naewpanich 1993 (Thailand)

The village data base survey: an instrument for problem identification. A case study in Phrao District, Chiang Mai Province, Thailand.

MSc. SIG

Walaiporn Tongmongkol 1993 (Thailand)

Women's participation in farm women's groups, Phrao District, Chiangmai, Thailand.

MSc. SIG

MSc THESES, University of Twente. Supervisor

Hao Tjeng 1988 (Netherlands)

Assessment of Gasifiers in Vanuatu

MSc University of Twente

Edgar Th. Crestian 1988 (Bonaire)

Telecommunications and the agricultural wholesale sector in Venezuela: a communications model.

MSc University of Twente

Marcel Meijer (1985) (Netherlands)
Telecommunications in Malaysia. Part A and Part B.
MSc University of Twente

8.2.2 Doctorado Tesis en Proceso

Current

Mr. Peter Minang (Cameroon) [co-promoter]	PhD Candidate, Twente University,	2007
Ms. Jane Bemigisha (Uganda) [Advisor]	PhD Candidate, Wageningen University,	2008
Ms. Elisabeth Toe (Burkina Faso) [co-promoter]	PhD Candidate, Twente University,	2006

8.2.4 Becarios

University of Oxford, St. Catherine's College, Open Exhibition in Geography,	1967
Northwestern University, Program of African Studies, Fellowship,	1974
Northwestern University, The Transportation Center, Dissertation Year Fellowship,	1973

8.2.6 Servicios sociales

Landenvrouwengroep Tanzania Kontaktgroep Nederlandse Vrijwilligers for DGIS Working group set up to advise Netherlands Ministry of development Cooperation (DGIS) on the structure and operating environment for a senior post in "Women & Development" for Tanzania.	1986
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Tanzania Comite Advice to Netherlands Ministry of development Cooperation (DGIS) on development assistance policy towards Tanzania	1985-87
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9. Distinciones

9.3 Participacion de sociedades scientificas

International Committee Member International Geographical Union, Taskforce on GeoParks	2005 -
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10.1 Reconocimiento al Trabajo

**** self citation**

Michael K. McCall General – w.r.t. participatory GIS;

Citations

Fernandez, Federico Christlieb (2005) Geografia Cultural. IN Danile Hiernaux y Alicia Lindon (eds) (2005) Tratado de Geografia Humana. Mexico: Universidad Metropolitana-Iztapalapa.

“pgis - psp – itk – (cb)nrm”: Applying Participatory-GIS to Participatory Spatial Planning and to Local-level Land & Land Resources Management utilising Indigenous Spatial Knowledge: A Bibliography.

http://ppgis.iapad.org/pdf/pgis_psp_itk_cbnrm_biblio_mccall_june06.pdf

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Chapin, Mac; Lamb, Zachary; and Threlkeld, Bill (2005) Mapping indigenous lands. *Annual Review of Anthropology* 34, 619-638.

Michael K. McCall (2003) Seeking good governance in participatory-GIS: a review of processes and governance dimensions in applying GIS to participatory spatial planning. *Habitat International* 27, 549-573.

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Citations

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- Renee Sieber (2006) Public Participation Geographic Information Systems: A Literature Review and Framework. *Annals of the Association of American Geographers* 96 (3), 491–507
URL: <http://www.blackwell-synergy.com/doi/abs/10.1111/j.1467-8306.2006.00702.x>
- Rambaldi, ..
<http://www.ejisd.org/ojs2/index.php/ejisd/article/viewFile/237/158>
- Duvail ...
<http://www.ejisd.org/ojs2/index.php/ejisd/article/viewFile/242/163>
- Aggett, G. and C. McColl (2006). "Evaluating decision support systems for PPGIS applications." *Cartography and Geographic Information Science* 33(1): 77-92.
URL: <http://www.scopus.com/scopus/inward/record.url?eid=2-s2.0-33645309056&partner=40&rel=R4.5.0>
- Rantanen, H. (2006). From Local Knowledge Mapping to a Learning Planning Process. *CORP 2006 International Conference on Urban Planning and Regional Vienna*: 9.
Link to PDF: http://opus.tkk.fi/dokumentit/paper_heli_rantanen.pdf
"New participatory practices and technologies have challenged the old ways of producing, distributing, controlling and interpreting knowledge in a local context (McCall 2003)."
"Local knowledge is easily considered as “opinion” above “knowledge” and thus dismissed. Before it can be taken seriously, it has to be stated in scientific terms (McCall 2003)."
- Alterkawi, M. M. (2005). "Measures towards a comprehensive municipal GIS - the case of Ar-Riyadh Municipality." *Habitat International* 29(4): 689-698.
"Several authors have explored the issue of GIS and participatory decision-making such as the contributors to Community Participation and Geographic Information Systems (Craig Harris, & Weiner, 2002; Carver, 2003; Jankowski & Nyerges, 2003; McCall, 2003; Rugg, 2003)."
- Bocco, G. (2005). "Cartografia y sistemas de informacion geografica en el manejo integrado de cuencas." from
<http://www.ine.gob.mx/ueajei/publicaciones/libros/452/bocco.html>.

- Yifter Fikru, Haile Mitiku, Arnold Bregt, and Gerrit Epema (2005) Using Local Capacity for Improved Land Resources Planning: A Case from Ethiopia.
http://geodesia.ufsc.br/Geodesia-online/arquivo/FIG/2005%20Cairo/papers/ts_24/ts24_08_fikru_etal.pdf
- Lamba, A. O. (2005). Land tenure management systems in informal settlements : a case study in Nairobi. Enschede, ITC: 103 p.
URL: http://www.itc.nl/library/Papers_2005/msc/gim/lamba.pdf
"Some elements of good governance with specific reference to land administration are (GTZ, 1998; McCall, 2003):"
- Pernilla Jacobsson Korhonen and Björn Malbert (2005) Implementing participatory GIS-based methods in urban planning and decision-making: potentials and barriers in Swedish planning policy.
http://scholar.google.com/scholar?hl=en&lr=&q=cache:xMcf1iktZ-8J:www.urbanlife2005.com/proceedings/O/278_P_Korhonen_et_al.pdf+mccall+PGIS
- ** McCall, M. K. and P. A. Minang (2005). "Assessing participatory GIS for community-based natural resource management: claiming community forests in Cameroon." *Geographical Journal* **171**: 340-356.
- Ahas, Rein; Ülar Mark, Heikki Kalle, Anto Aasa; and Raivo Aunap (2005) Sotsiaalse positsioneerimise meetod ühiskonna planeerimisel. TÜ geograafia Instituut
http://www.ut.ee/orb.aw/class=file/action=preview/id=51999/rein_ahas_et_al.doc
- Rantanen, H. (2005). Mapping local knowledge: possibilities of WebGIS in a planning process. TED Workshop: e-Participation in Environmental Decision Making. Helsinki and Conference Ship, Finland, OPUS.
URL: http://www.ted.tkk.fi/Abstract_Rantanen.rtf
"Many researchers point out that GIS technology should give voice to local people by putting them and their local (spatial) knowledge on an equal footing with external experts and decision makers (McCall 2003, Carver et al. 2001)."
- Vajjhala, S. (2005). Integrating GIS and Participatory Mapping in Community Development Planning. 25th Annual ESRI International User Conference, ESRI.
Link to PDF: <http://gis.esri.com/library/userconf/proc05/papers/pap1622.pdf>
"These methods are referred to within PGIS and PPGIS literature as counterparts to GIS for their ability to capture individuals' or groups' perceptions of local issues and development efforts (see (McCall 2003) for examples)."
- Wood, J. (2005). "'How green is my valley?' Desktop geographic information systems as a community-based participatory mapping tool." *Area* **37**(2): 159-170.
"For example, GIS technology may alter social and political relationships, providing a means of community participation in urban and environmental resource management planning (McCall 2003; Elwood 2002 2001; Cinderby 1999)."
- Wright, L. (2005). Literature Review on Public Participation, Planning and ICT PICT eConference: People, Planning & Participation - Can ICT help? The Peter Jost Enterprise Centre Liverpool John Moores University European Union, Leonardo da Vinci Programme.
Link to PDF:
<http://econference.pict.hu/papers/15/PICT%20Literature%20Review.pdf>

"McCall (2003), writing in the International Development context, identified a range of uses for participatory GIS with local and indigenous communities. He notes that examples tend to be more numerous from rural than urban contexts, but gives some examples of the latter:"

- Ahas, R., Ü. Mark, et al. (2004). Mobile Phones And Planning - Social Positioning Method. 9th International Scientific Conference MOBILITA '04. Bratislava
URL: <http://www.positium.ee/download/MobilePhones&Planning-SPM.doc>
- Nguyen Thuy, T. (2004). PGIS's relevance, applicability and conditions in a local rural development : a case study with village development planning in Bach Ma national park, buffer zone, Vietnam. Enschede, ITC: 102 p.
URL: http://www.itc.nl/library/Papers_2004/msc/nrm/trang_nguyen.PDF
- Sekeleti, M. (2004). District level spatial information : its requirements and use for allocating social infrastructure. Enschede, ITC: 113 p.
URL: http://www.itc.nl/library/Papers_2004/msc/nrm/sekeleti.pdf
 "Common practices in the planning process range from little attention to process and very limited external participation to highly participatory processes that have generated broad engagement and high quality results [79], which McCall [29] has called intensities or degrees of participation."
 "Though McCall defines participation by consultation as intensity of participation, others [10, 79, 81, 82] refer to it as a typology in which outsiders actively listen and respond to views of the local groups."
 "McCall says a weaker version of this degree of participation is that, at least, local people are involved in key areas of decision-making and policy setting."
 "McCall [29] gives self-mobilization as an example of this degree of participation, while Dalal-Clayton [10] and Petty [81] outline self-mobilization as typology of participation."
 "As typologies of participation McCall [29], Dalal-Clayton et al.,[10] and Petty [81] mention sharing of benefits or incentives and manipulative participation."
- Novarina, D. (2003). GIS and RS in support of adaptive collaborative management : a case study in Labanan forest concession area, Indonesia. Enschede, ITC: 135 p.
URL: http://www.itc.nl/library/Papers_2003/msc/nrm/novarina.pdf
 "However, it has to be taken care that GIS can only describe, not explain; or they examine, but don't understand. There may be answers to question: where, what, when and who, but not the why (McCall, 2002b)."

Michael K. McCall (2003) Do participatory methods meet their claim? GIS@Development 7 (10) 37-42.

<http://www.gisdevelopment.net/magazine/years/2003/oct/partmmc.shtml>

Citations

- Nguyen Thuy, T. (2004). PGIS's relevance, applicability and conditions in a local rural development : a case study with village development planning in Bach Ma national park, buffer zone, Vietnam. Enschede, ITC: 102 p.
URL: http://www.itc.nl/library/Papers_2004/msc/nrm/trang_nguyen.PDF

Michael K. McCall (2001) Brewing rural beer should be a hotter issue. Boiling Point 47, 23-25.

Citations

- Clancy, J. S., M. Skutsch, et al. (2003). The Gender - Energy- Poverty Nexus. Finding the energy to address gender concerns in development. Gender-Energy-Poverty-Nexus, DFID.
URL: http://scholar.google.com/scholar?hl=nl&lr=&q=cache:W79dLY7-XkgJ:www.bbt.utwente.nl/leerstoelen/tsd/chair_info/research/current/nexus/energy_poverty.pdf+%22Brewing+rural+beer+should+be+a+hotter+issue%22
 "Even in rural areas, women may have to buy fuelwood to run enterprises such as beer making (McCall, 2001)."

Deborah Fahy Bryceson, and Michael K. McCall (1997) Lightening the load on rural women: how appropriate is the technology directed towards Africa? Gender, Technology and Development 1 (1) 23-45.

Citations

- Khamati-Njenga, B. and J. Clancy. (2005). "Concepts and Issues in Gender and Energy."
Link to PDF:
http://www.energia.org/pubs/papers/khamati_clancy_concepts_in_gender_energy.pdf
 "Once a new technology brings upgraded skills and higher returns, men tend to take over (see for example, palm oil milling in Nigeria and improved fish-smokers in Senegal (Bryceson & McCall, 1997) as well as improved gari processing in Nigeria (UNIFEM 1989))."
- Cecelski, E. (2000). The Role of Women in Sustainable Energy Development. NREL Technical Monitor. B. C. Farhar. Springfield, VA, National Renewable Energy Laboratory.
Link to PDF:
<http://www.repp.org/discussiongroups/resources/stoves/GenderEcDev/26889.pdf>
 "The short-term impact of productivity enhancing technologies on women was usually non-existent, whereas the medium and long-term effects were frequently negative. (Bryceson and McCall 1997, p. 31) Because technologies were aimed at the male head of household, who already controlled legal and cultural rights to land, water and other resources, the ability to organize hired labor, and the legal prerequisites for credit, the introduction of new technologies in most cases simply exacerbated the situation (Bryceson and McCall 1997)."
 "Such outcomes have been noted more recently with palm oil milling in Nigeria and improved fish-smokers in Senegal (Bryceson and McCall 1997) as well as improved gari processing in Nigeria (UNIFEM with ITDG 1989)"
 "This section draws heavily on an excellent review by Bryceson and McCall (1997)."
 "Thus, the mechanization of harvesting and post-harvest processing displaced the poor hired women, whilst having a negligible effect on the women of richer households" (Bryceson and McCall 1997, p. 33)."
 "It is notable that the burden of fuel collection was not considered until much later in the 1980s, and then normally through the production of more fuel supplies, and very rarely through improved technology for

the collection and transportation of firewood (Bryceson and McCall, 1997, pp. 33-34)."

- Dijkstra, A. G. and L. C. Hanmer (2000). "Measuring socio-economic gender inequality: Toward an alternative to the UNDP gender-related development index." Feminist Economics 6(2): 41-75.

URL: <http://www.scopus.com/scopus/inward/record.url?eid=2-s2.0-0034370219&partner=40&rel=R4.5.0>

"Deborah Fahy Bryceson and Michael K. McCall (1997) give some other examples of inherent biases."

- Jackson, C. (1998). "Gender, irrigation, and environment: Arguing for agency." Agriculture and Human Values 15(4): 313-324.

URL:

<http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1023/A:1007528817346>

"However, as Bryceson and McCall have pointed out (1997), there is considerable evidence to suggest that women themselves often seem to value time less than escaping arduousness and high physical effort, thus they are willing to make long time consuming journeys to grinding mills to avoid manual processing."

Michael K. McCall (1996) ITK in East African Farming Systems. Indigenous Knowledge & Development Monitor 4 (1) 20-22.

Citations

- Kimenyi, M. S. (2003). "Research for Development in the South: The Case of Non-Francophone Sub-Saharan Africa."

Link to PDF: http://www.idrc.ca/uploads/user-S/11032218661IDRC_Futures-Kimenyi_SSA.pdf

"According to McCall (1996), indigenous technical knowledge (ITK) embraces people's knowledge of tools and techniques for the assessment, acquisition, transformation, and utilization of resources, which are specific to a particular location."

- Mendoza Lawas, M. C., H. A. Luning, et al. (1997). resource user's knowledge, the neglected input in land resource management : the case of the Kankanaey farmers in Benguet, Philippines. ITC Publication = ITC Publikatie. Enschede, ITC: 311 p.

Michael K. McCall (1995) Indigenous Technical Knowledge in Farming Systems of Eastern Africa: a Bibliography. Ames, IO: Iowa State University, Technology & Social Change Program, Bibliographies in Technology & Social Change No. 9.

Citations

- ** McCall, M. K. (2003). "Seeking good governance in participatory-GIS: a review of processes and governance dimensions in applying GIS to participatory spatial planning." Habitat International 27(4): 549-573.
- Emery, A. R. (2000). Integrating Indigenous Knowledge in Project Planning and Implementation. Washington, DC, international Labour Organization, The World Bank, Canadian International Development Agency KIVU Nature Inc.

John Christensen, and Michael K. McCall (1994) AFREPREN The African Energy Policy Research Network. An Evaluation. Stockholm: SAREC Documentation, Evaluations 1994:3.

Citations

- Karekezi, S. (2002). "Renewables in Africa-meeting the energy needs of the poor." Energy Policy 30(11): 1059-1069.
URL: http://www.sciencedirect.com/science?_ob=GatewayURL&_origin=ScienceSearch&_method=citationSearch&_piikey=S0301421502000587&_version=1&_returnURL=&md5=65f528f8ef2d1eb163fb8d01774a5de0
"The innovative energy policy programme of the African Energy Policy Research Network (AFREPREN/FWD) provides a model example (Christensen and McCall, 1994)."
"The energy policy research programme of the African Energy Policy Research Network (AFREPREN/FWD) which brings together over 104 African academics and policy makers from 10 sub-Saharan African countries provides a model example of how effective collaboration between energy researchers and policy makers can be realized (Christensen and McCall, 1994)."

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