

CURRICULUM VITAE

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A. PERSONAL DETAILS

Name: Samuel Vernanzius Obiero
Place of Birth: Marachi, Busia District, Kenya.
Date of Birth: 2nd July 1950
Marital Status: Married with 4 Children
Languages: English, Swahili
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B. KEY QUALIFICATION AND EXPERIENCE

Dr. S.V. Obiero who is a Senior Lecturer at the University of Nairobi, has B.A. (Building Economics) Hons and M.A. (Planning) in Urban and Regional Planning from the University of Nairobi, and Ph.D. in Urban and Regional Planning from the University of Wales, Cardiff.

Dr. Obiero has worked in government in planning and supervision of development programmes. He has taught diploma students in construction administration and management for two years, and taught at university level (both at undergraduate and postgraduate in urban regional planning (Nairobi), and environmental planning and management (Moi and Makerere Universities) since 1983. He has participated as a TOT for Green Towns project in Kenya.

He has wide experience over 30 years in consultancy and research work in fields of rural development, urban planning, regional development, economic development, environmental planning and management. He has worked on programmes in the fields of transport (national, rural and urban levels) including non-motorized transport, infrastructure planning and development waste management, greenhouse gases, monitoring and evaluation, environmental management, training amongst others.

He has several years experience in consultancy and research for UNDP, World Bank, UNCHS (Habitat), UNCRD, IPCC, local authorities, central government and NGO's.

At the University of Nairobi, in addition to teaching duties, he has been the Chairman of the Department of Urban and Regional Planning for three years.

C1. PRESENT POSITION

Senior Lecturer
Department of Urban and Regional Planning
University of Nairobi.

C2 OTHER RESPONSIBILITIES

Chairman (Nov. 1996 - May 1999)
Department of Urban & Regional Planning
University of Nairobi.

Duties:

Overall in charge of Department including personnel, finances, student affairs, equipment and vehicles, academic programmes, research and general administration.

D. ACADEMIC QUALIFICATIONS

- 1975 B.A. (Building Economics) (Hons)
 University of Nairobi.
- 1978 M.A. (Planning)
 University of Nairobi.
- 1992 Ph.D. - University of Wales, Britain.

E. PROFESSIONAL MEMBERSHIP

Affiliate Member, Chartered Institute of Transport (CIT), Britain.

Member - Kenya Institute of Planners.

F WORK EXPERIENCE

1. August 1975 - October 1976.

Assistant Quantity Surveyor
Building Branch
Ministry of Works Headquarters
P.O. Box 30260
Nairobi.

In this capacity I worked as a Quantity Surveyor within the Ministry's framework, including specification writing for medium sized projects and Forward Planning and programming for Education Buildings project. In this

capacity, I supervised the construction and major extension of technical schools.

Resigned in November 1976 for further studies.

2. December 1978 - February 1979

Physical Planning Officer
Physical Planning Department
P.O. Box 45025
Nairobi.

As a Physical Planning Officer in the Physical Planning Department of the Ministry of Lands and Settlement, I worked in the Regional Section collecting data and information on physical and socio-economic aspects for the revision of the seven (7) regional (provincial) development plans.

3. February 1979 - March 1982

Seconded from Ministry of Lands and Settlement to Ministry of Health, Rural Health Development Programme (RHDP). This was a World Bank Programme as a lead donor including several aid agencies. Specifically, the Planning and Implementation Unit (PIU) was charged with:-

- a) Preparation, programming and implementation of building construction projects (mainly health centres, dispensaries, and rural-health training courses) and the supervision of self health harambee projects with involved:-
 - (i) Identification of projects
 - (ii) Phasing of whole Programme over implementation period.
 - (iii) Survey and determination of each project's requirements
 - (iv) Brief to the MOW Building Department through project submission Sheets (P.S.S.S).
 - (v) Liaison with MOW during design stage.
 - (vi) Preparation stages and joint supervision with MOW during construction stages.
 - (vii) Equipping and Commissioning projects.
 - (viii) Maintenance of district and rural health buildings not under the MOW maintenance register.
- b) Planning of the training needs
- c) Aggregation of baseline data
- d) Development of operational and managerial framework
- e) Research and feasibility studies
- f) Co-ordination of bilateral and multilateral donor activities
- g) Integrated health development programmes including health care.

4. March 1982 - October, 1983

Lecturer

Jomo Kenyatta College of Agriculture & Technology

P.O. Box 62000

Nairobi (as an employee of Teachers Service Commission of Kenya).

- (i) Taught Construction Technology, Measurement of Building Works (Quantity Surveying), and Administration and Management of Construction Works for Technician and Architectural Technician students.
- (ii) Taught the course Farm Layout and Planning and Farm Structures to Third Year Agricultural Engineering Diploma Students.
- (iii) The Course tutor for Architectural Technician Course, in which capacity I was involved in the administration and development of the course.

5. October 1983 to date.

Department of Urban and Regional Planning

Faculty of Architecture, Design and Development

University of Nairobi

P.O. Box 30197

Nairobi.

(i) Course Taught in 1983/84

- Planning for Transportation
- Rural Planning Studio (Kariakoo Location)
- Rural Implementation
- Rural Planning Studio (Kileleshwa Sub-location)
- Rural Implementation
- Land Planning (Third Year in Department of Surveying and Photogrammetry).
- Urban Planning Studio (Nairobi Urban Study).

(ii) Courses Taught in 1985/86

- Planning for Transportation
- Rural Planning Studio (Mukuru Kwa Njiru)
- Rural Implementation
- Land Planning (Third Year in the Department of Surveying and Photogrammetry).

(iii) Courses Taught in 1986/87

- Planning for Transportation
- Rural Planning Studio (Njiru Village)

-Rural and Urban Planning (Third Year in the Department of Surveying and Photogrammetry).
-Urban Planning Studio (Mumias Urban Study)

(iv) Courses Taught in 1988/89

-Planning for Transportation
-Rural and Urban Planning (Third Year Surveying and Photogrammetry - Two Classes).

(v) Courses Taught in 1992/93

-Planning for Transportation
-Rural Planning Studio (Kerwa Water Project).

(vi) Courses Taught in 1993/94

-Planning for Transportation
-Rural Planning Studio
-Elements of Urban & Regional Planning (Building/Land Economics 3rd Year)

(vii) Courses Taught in 1994/95

-Planning for Transportation
- Elements of Urban & Regional Planning (Building/Land Economics 3rd Year)

(vii) Courses Taught in 1995/96

-Planning for Transportation
-Rural Planning Studio
-Rural Implementation Course
-Project Planning (Makerere University)
-Urban Environmental Planning & Management (Makerere)

(xi) Courses Taught in 1996/97

-Planning for Transportation
-Rural Planning Studio
-Planning & Management (Makerere University)

(xii) Courses Taught in 1997/98

-Planning for Transportation
-Rural Planning Studio
-Urban & Regional Planning (5th Year Architecture)

(xiii) Courses Taught in 1998/99

- Planning for Transportation
- Rural Planning Studio
- Housing and Community Services
- Urban & Regional Planning (5th Year Architecture)
- Regional Planning Studio

(ix) Courses Taught in 1999/2000

- Planning for Transportation
- Rural Planning Studio
- Urban & Regional Planning (5th Year Arch)
- Environmental Planning & Management (Moi University)
- Environmental Institutional Structures and Policy Framework (Moi University).

(xx) Courses Taught in 2000/2001

- Planning for Transportation
- Urban Planning Studio
- Urban & Regional Planning (5th Year Architecture)
- Principles of Environmental Planning & Management (Moi University)
- Environmental Institutional Structures and Policy Framework (Moi University)
- Urban Environmental Planning and Management (Moi University)
- Land Use Development Planning (Ph.D. - Moi University)

(xx) Courses Taught in 2003/2004

- Urban infrastructure planning and management
- Transport Planning
- Rural Planning and Development

G RESEARCH THESIS/PAPERS/REPORTS

1. In part fulfillment of M.A. degree Programme during the second year, I made a personal research for thesis entitled “Feeder and Access Roads Planning in Rural Development: A case study of Busia District, Kenya (1978).
2. As part of my duties in the Department of Urban and Regional Planning and in Supervising studio projects, I have done research and written reports on:-
 - (a) Development Plan for Karai Location, Kiambu District, 1993.
 - (b) Energy Needs for Kigoro Sub-Location - Murang’a District, 1994.
 - (c) Murang’a Urban Study, 1985.
 - (d) Muka Mukuu Rural Development Study, 1985
 - (e) Nyakumu Swamp Agroforestry Study 1986

- (f) Mumias Urban Study 1988
 - (g) Kakamega District Information Documentation Centre Project, 1988/89
 - (h) Implementation of Rural Development (Kerwa Water Project), 1994/95
 - (i) Evaluation of small water projects in Rural Development - Nyakianda Water Project in Kikuyu Division, Kiambu District, 1995/96
 - (j) Examination of the impact of Horticultural Farming on the ASAL Environment-Oldeyani Sublocation, Ngong Division, 1996.
3. For Ph.D. degree Programme at the University of Wales, I carried out research entitled : “Public Transport and the Peak Hour in Nairobi; a study to develop a strategy for coordinating the provision of public transport”, 1989 - 1992.

H. CONSULTANCIES

- a) United Nations Development Programme (UNDP), Nairobi Office, 1993.

A Study on the Development of Multimodal Transport Services in Kenya. Background Paper on the Preparation of the 1994 - 96 Kenya National Development Plan, for Ministry of Planning and National Development.

- b) World Bank (May 1993 to June 1997).

Non-Motorized urban Transport Study, East and Southern Africa (Member-Kenya Team) for Sub-Saharan Africa Transport Programme - World Bank/UNECA.

- c) United Nations Centre for Human Settlement (Habitat). University Team Leader for the Preparation of Nakuru Strategic Structure Plan (in accordance with Agenda 21).
- d) National Environmental Secretariat

Greenhouse Gases Emission Inventories in Kenya: National communication in compliance with the United Nations Framework Convention on Climate Change (August 2000 and June 2001). By J.L. Agatsiva & S.V. Obiero.

I RESEARCH STUDIES SUPERVISED

- 1. The impact Lilongwe - Mchinji Road and Railway on the Development of Settlement Centres within Mchinji District, Malawi - Yasini, P.A. (1985).
- 2. Planning for Rural Health Services: A Case study of South Imenti Division, Meru District. Kirigia, B.N. (1985).

3. Planning for Water Resources in Rural Area: Its Development, Management and Reference to Kandara with Special Reference to Kandara Water Scheme. Njuguna, P.S.K. (1985).
4. Land-use Planning for Rural Development with Special Reference to the provision of Energy: A case study of Gaichanjiru Location of Kandara Division, Murang'a District. Wainaina, M. (1985).
5. A study of Vehicular Traffic Congestion in Nairobi. Korir, W.K. (1986).
6. Planning for Water Transport on Lake Victoria. Otieno, D. (1986).
7. Planning for Agro-based industries in Meru District. Muthamia, E. (1986).
8. A study of Problems Facing a Recently Settled Agricultural Community: A case study of Njoro Location. Mwangi T.W. (1987).
9. Problems of Water Shortage in Karai Location, Kiambu District: Causes and Possible Solutions. Ngari, P.N. (1988).
10. The Relationship Between Fare Levels and Public Transport Ridership in Nairobi. Kiraithe, M.M. (1988/89).
11. The Role of Matatus in the Provision of Public Transport in Nairobi. A case study of South B- City Centre Route. Ombura, C.R. (1988/89).
12. Public Transport Problems in Nairobi: A case study of the Management of Kenya Bus Services (K.B.S.) Ltd. Abiero-Gariy, Z.C. (1988/89)
13. In Addition, from 1983/84 to 1996/97, I supervised thirty four (34) M.A. (Planning) 1st Year Students for Rural Implementation Project Papers.
14. Community Participation in Sustainable Urban Infrastructure and Environmental Planning: A case study of Voi Town. Loka, W.L. (1993).
15. Role of Infrastructure in Urban Development: A case study of Busia Town. Swalah, F.W. (1993).
16. Transport Planning in Nairobi. Abiero-Gariy, Z.C. (Ph.D., University of Bochum, Germany).

K. CONFERENCES

- (i) Institute for Development Policy Management, University of Manchester (1987) on Project Identification in Developing Countries: Identifying Better Development Initiatives in the Agricultural and Rural Sectors, and presented a paper: Identification Process as a Factor in Project Implementation: Case Studies from Kenya.

- (ii) Nottingham (1993) Velocity Conference on Non-Motorized Transport. Presented a paper: Role of Non-Motorized TRANSPORT Services in Nairobi.
- (iii) International Conference on Re-Appraising the Urban Planning Process towards Habitat 2 Conference (1994). Presented a paper: Planning for Non-Motorized Transport as a sustainable Transport System in Nairobi
- (iv) International Conference/Review Workshop Tananarive, Madagascar (1996). Sustainable Natural Resource Management - Review of Swiss Government Research Programmes in Africa including Laikipia Research Programme (University of Nairobi and University of Bearn Linh). Presented paper published in ESAGJ Vol. 8 as Stakeholders in the Limelight (1998).
- (v) International Conference on Research Planning and Conflict Resolution for Sustainable Use of Natural Resources held at Nanyuki, Kenya (1998) as Swiss Government Research Programmes (Review Workshop) in Africa. Presented a paper entitled "A Forum for Sustainable Management of Water Resources to be published in Bachler, G. & Wiesmann (eds.) 2000: Awareness, Motivation and Leadership for Sustainable Environmental Management, CONTICI, Berne.

L. PUBLICATIONS

- (i) Para-Professional Training For Human Settlements in Kenya. Which was incorporated in the Kenya National Paper entitled: A Systematic and Comprehensive Approach to Training for Human Settlements and a Systematic and Comprehensive Approach to Information for Human Settlements 'presented to the 7th Session, United Nations Commission on Human Settlements, Libreville, Gabon, 30th April - 11th May, 1984.
- (ii) Identification Process as a Factor in Project Implementation: Case studies from Kenya's paper presented at a Conference on Project Identification in Developing Countries, 7th to 11th September 1987, University of Manchester, Institute of Development Policy and Management. Published in Smith, P. (Editor), 1988 Project Identification in Developing Countries: Identifying Better Development Initiative in the Agricultural and Rural Sectors: University of Manchester, Manchester.
- (iii) 'Urban Transport Overview' a paper presented at Seminar on Urban Transport Management at Kenya Institute of Administration JKIA), Nairobi from 30th November - 10th December, 1987, by S.V. Obiero and J. Mochache.
- (iv) 'Feeder and Access Roads Planning in Rural Development: A case study of Busia District' M.A. (Planning) Thesis, University of Nairobi, 1978.
- (v) 'Public Transport and the Peak Hour in Nairobi: A Study to Develop a Strategy for Coordinating the Provision/Public Transport Services' Ph.D. Thesis, University of Wales.

- (vi) The Study of the Development of Multimodal Transport Services in Kenya. United Nations Development Programme, Nairobi, November 1993.
- (vii) Role of Non-Motorized Transport Services in Nairobi: A paper to the Velocity Conference, Nottingham, U.K. September 1993.
- (viii) Planning for Non-Motorized Transport as a Sustainable Transport System in Nairobi: A paper presented at the International Conference on Re-Appraising the Urban Planning Process as an Instrument of Sustainable Urban Development and Management, UNCHS (Habitat), Nairobi, 3 - 7 October 1994. Published as Chapter 8 in Mosah, A.C. (Ed) 1996, A Reappraisal of the Urban Planning Process, UNCHS (Habitat), Nairobi.
- (ix) Mobility Plan for Eldoret Town: SSATP, World Bank, January 1997.
- (x) Stakeholders in the Limelight: Principles of Actor-Centred Resources Management. Eastern and Southern Africa. Geographical Journal Vol. 8. Sept. 1998.
- (xi) Envisioning and Actualizing An Alternative Framework and Approach for Sustainable Resource Management: Towards the “Forum for Sustainable Management of Water Resources” in the Ewaso Nyiro North Catchment, Kenya. S. Obiero and B. Kiteme. A Paper presented at the International Conference on Research Training on Conflict Resolution for Sustainable Use of Natural Resources: Published in CONTICI, Berne, Switzerland. (Forthcoming).
- (xii) Rural Planning in Regional Development. A paper presented at the Fourth Africa Training Course on Local and Regional Development Planning and Management, Nairobi, Kenya (1998), United Nations Centre for Regional Development (UNCRD).
- (xiii) Urbanization as a Component of Regional Development. A paper presented at Fourth Africa Training course on Local and Regional Development and Management, Nairobi, Kenya (1998), UNCRD.
- (xiv) Rural-Urban Linkages in Regional Development. A paper presented at 6th Africa Training Course on Local and Regional Development and Management, Nairobi, Kenya (2000). UNCRD.
- (xv) Feasibility Studies in Transport. Input in the Transportation Policy Framework for Ministry of Transport, Kenya, April 2004.

M. CURRENT ASSIGNMENTS

- (i) Africa Training Course United Nations Centre for Regional Development
Africa Office Module 2 - Contextual Basis for Regional Development
(Module Coordinator)

N. COMPUTER SKILLS

- (i) Computer Operating Systems
 - Ms-Dos
 - Windows 3.1.1
- (ii) Programmes
 - Ms-Word
 - Word Perfect
 - Data Base
 - Lotus

P. AREAS OF RESEARCH INTEREST

1. Planning for Sustainable Development and Environment
2. Urban and Rural Development in the Third World
3. Planning, Management and Coordination of Public Transport Services.
4. Non-Motorized Transport Systems in the Urban and Rural Areas.
5. Regional Development Planning and Management
6. Urban and Rural Infrastructural Management.

April, 2005