

CURRICULUM VITAE

A. PERSONAL DETAILS

NAME: Zachariah Maleche

DATE OF BIRTH: 25th November, 1942

PLACE OF BIRTH: Bushiangala, Kenya

NATIONALITY: Kenyan

MARITAL STATUS: Married with 4 Children

B. ACADEMIC EDUCATION:

1950 - 1958 Bushiangala Primary School, Kakamega, Kenya Passed the Kenya African Preliminary Examination (K.A.P.E.) in 1958.

1959 - 1962 Kakamega Secondary School, Kakamega Passed the Cambridge School Certificate Examination ('O' Level) - Second Division 1962.

1963 - 1964 Kisii Secondary School, Kisii; Passed the Cambridge Higher School Certificate Examination ('A' Level) 1964.

1965 - 1968 University College, Nairobi, Kenya: Studied Geography in the 3-1-1- Course pattern, and Economics and History in the First Year.

Awarded B.A. (Honours) Geography, Lower Second Class of the University of East Africa.

1970 - 1972 University of Nottingham in the United Kingdom: Studied Urban and Regional Planning. Awarded M.A. in Urban and Regional Planning in 1972.

C.

WORKING EXPERIENCE:

1968 - 1970

Town Planning Officer (Trainee) in the Town Planning Department, Ministry of Lands and Settlement, Kenya Government.

Responsibilities:

Worked with the Regional Planning Section on the following:

1. The collection, collation and analysis of data on infrastructure, population and services for several provinces in Kenya.
2. The compilation of reports on the preliminary Provincial Planning Studies.
3. Attendance of meetings of Provincial and District Development Committees; the presentation and explanation of the findings and proposals of the regional studies and advising on the location of development projects; the designation, upgrading, growth and expansion of individual service centres, markets and urban settlements.
4. The preparation of the final Provincial Regional Physical Development Plans for Nyanza Province, Western Province and Rift Valley Province. I was particularly responsible for writing the chapters dealing with the distribution of growth centres, distribution of population, health and education facilities and drawing of most of the maps and analysis tables and information charts in these reports.
5. The preparation of national maps showing the distribution of infrastructure, services and growth centres for inclusion in the national development Plan of 1970-74.

1972 - 1973

Physical Planning Officer;

Responsibilities:

Worked within the National and Regional Planning Section on the following:

1. District Planning in general:

- (i) Liaison with provincial and District Development Committees.
- (ii) Guiding and advising District Development Committees in the preparation of District Development Plans, identification of District Rural Development Projects and their Implementation.
- (iii) Preparing District Planning Maps for use by District Development Committees for location and siting of development projects.
- (iv) Advising District Development Committees on the designation and upgrading of growth centres at different levels.
- (v) Advising District Development Committees on the compilation of District planning Reports.
- (vi) Liaison and advise to the Ministry of Finance and Planning in evaluating District Planning and Project Proposals.

2. The Inter-Ministerial Working Committee for the Planning of Lamu District

- (i) Assessing the resource potential of the District.
- (ii) Identification of resource use conflicts within the District and their implications for efficient resource use and management.
- (iii) Determination of resource use zoning priorities and their co-ordination as a guiding spatial framework for integration of development of the District and the efficient allocation of land for different uses.

- (iv) Assigning intersectoral responsibilities and relationships in the development of the District.

3. The Special Rural Development Programme

- (i) Served as a member of the inter-Ministerial Committee of Linkman set up for the overall policy guidance and Co-ordination of the SRDP Programmes at the national level.
- (ii) Guided and advised the SRDP area Co-ordinators on the process of project identification and implementation including project monitoring and evaluation in their respective project areas.
- (iii) Preparation of base maps for project location and programming for all SRDP project areas.
- (iv) Carrying out project monitoring and evaluation of the SRDP programmes carrying out policy reviews and seminars.
- (v) Advise on community involvement and participation in Project identification and implementation process in the respective SRDP project areas in respect to their individual unique of area specific cultural and environmental contexts and requirements.
- (vi) Identification of inter-agency roles and contributions and the development of different frameworks for their co-ordination in the process of project identification and implementation.
- (vii) Determination of suitable lessons from the SRDP programme for application and replication in other areas with comparable conditions and potentials and at the district level.

4. Member of the Departmental Team Studying Problems in the existing Planning Acts and Legislation of Kenya

- (i) Study of the existing bases or sources of planning law in Kenya and how those guide the processes of

planning and implementation of different forms of physical development and land use at different levels with particular emphasis on the process of making policies and plans on land use and land allocation for development at different levels.

- (ii) Identification of gaps in the coverage of the existing planning laws and regulations.
- (iii) The studying of the institutional structure relating to the planning and development process and the structure of decision-making process involved.
- (iv) Identification of conflicts in the practical operation of the process.
- (v) Recommendation of improvement needs and a draft integrated planning Act for consideration by the Ministry of Lands and Settlements suggesting appropriate changes in the planning machinery in Kenya.

1973-1974

Senior Physical Planning Officer and Head of the National and Regional Planning Section of the Physical Planning Department.

Duties included

1. The supervision and co-ordination of work in the section.
2. Liaison with other Ministries and Departments on national spatial policy matters and the Co-ordination of sectoral plans and proposals for the National Development Plan for 1974-78 period.
 - (i) Reviewing of the provincial Physical Development Planning Studies and identifying their implications for national spatial policy development.
 - (ii) The assessment of National resource potential with regard to population, Agriculture, Land carrying capacity, Industrial development, Tourism, Water supply and climatic and other Physical; Environmental factors, infrastructure, and social

services and Urbanisation.

- (iii) Assessment of the dynamics of National Development changes and trends.
 - (iv) The development of alternative models for future spatial development.
 - (v) Recommendation of appropriate policy strategies for the spatial development of Kenya.
 - (vi) Preparation for national Maps for development factors and possibilities.
 - (vii) Formulation of policy guidelines for implementation of the recommended policy strategies at the national, regional, district and local levels.
3. The revision of the schedule of service centres for incorporation in the National Development Plan for 1974 - 1978 period.
 4. The preparation of the National Physical Development Strategy.
 5. Supervision of a Survey of Industrial Land and Services in the main Municipalities Eldoret, Nakuru, Kisumu, Kitale, Thika, Nyeri, Kakamega, Embu and Meru for the purpose of providing an information basis for guiding investment decisions on the location and decentralization of industrial programmes and projects in the country.

Emphasis was placed on the availability of land, its ownership, whether serviced or not with essential infrastructural facilities; its utilization and capacity for expansion; the level of available infrastructure (roads, water supply, electricity, communication facilities and the level and type of social services and amenities available (Schools, health facilities, Housing etc).

6. Continued with responsibilities for
 - (a) District Planning
 - (b) Special Rural Development programme
 - (c) Study of the Planning Acts in Kenya.

7. Was a member of the Departmental Team preparing the detailed Land use plans for Mombasa Municipal Council within the framework of the Mombasa Draft Structure Plan of 1971. This consisted of Land use zoning plans for specific Districts of the Municipality and their implications for Regional Development, Implementation guidelines and development standards.
 8. Was a member of the Inter-Ministerial committee set up to co-ordinate the WHO Sectoral Study on water supplies and sewerage in Kenya.

This committee recommended the establishment of the Ministry of Water Development in 1974 to Co-ordinate the implementation of the National master Planned for water supply and sewerage as proposed by the WHO study.
 9. Was a departmental representative on the committee on Housing Materials and standards co-ordinated by the Ministry of Works.

1974 -1977 Appointed Lecturer, Department of Urban and Regional Planning, University of Nairobi.

Responsibilities:

1. Taught the following courses to M.A. Planning Students
 - (a) Geographical Factors in planning;
 - (b) Principles and Techniques of Regional Planning;
 - (c) Research Methodology;
 - (d) Regional Planning Studio;
 - (e) Urban Planning Studio;
 - (f) Supervised Students' M.A. Thesis Research Projects and other members of the Faculty Staff M.A. Thesis.

2. Service Lectures given:
 - (a) "Introduction to Regional Planning" to 3rd year Students of Architecture, Survey and Photogrammetry;
 - (b) "The role of the planner in our society."
To Second year Design Department Students.

3. Carried out research on:-
 - (a) Problems of Regional Development and Planning at the National, Provincial and Local Levels.
 - (b) Policy Formulation and Implementation process at the District level in Kenya.
 - (c) Study of problems in the existing planning Legislation (Acts and Regulations etc) and how they affect the preparation and implementation of Development Plans in Kenya.

4. Gave Planning advice and guidance to rural communities on a voluntary basis with special reference to the planning of Harambee Secondary Schools and Primary Schools. Identifying development project priorities for small community groups, sub-locations, locations and Divisions and Working with harambee project groups.

5. Registered for PhD on a Part-time basis Senate.

6. Faculty Representative to the University Senate.

7. Faculty Representative to the Joint Advisory Board of the Housing Research and Development Unit in the Faculty of Architecture Design and Development.

8. Departmental Representative to the Faculty Library Committee and Faculty Representative to the Library Committee of Senate.

9. Chairman Faculty Postgraduate Studies Committee and Faculty

Representative to the Postgraduate Studies Committee of Senate.

November, 1977 Appointed Senior Lecturer, Department of Urban and Regional Planning.

1980 - 1982 Responsibilities:

1. Teaching the following courses to M.A. Planning Students, Department of urban and Regional Planning:
 - (a) Principles and Techniques of Regional Planning and Analysis;
 - (b) Research Methodology;
 - (c) Planning Practice, Administration and code of Ethics.
 - (i) The development and organizational structure of the institutional machinery for planning and implementation of Development at Central and Local Government and community levels in Kenya.
 - (ii) The functional and operational relationship, conflicts, co-ordination between the National Sectoral Ministerial institutions and the Regional, Provincial

and District based institutions.
 - (iii) The role of District and Local Government Authorities and the Community in Planning and Implementation of development programmes at the local level.
 - (iv) The procedures and practices used in the preparation and approval of development plans. The powers and regulations and standards used in planning and development control process.
 - (v) Professional Ethics and other requirements for Registration and Practice for Town Planners.
 - (d) In charge of the Regional Planning Studio in Second Year. Guided students to prepare integrated development plans

for Kisumu and Nakuru Districts respectively.

1982-1990

2. Appointed Chairman, Department of Urban and Regional Planning.
 - (a) In charge of Co-ordinating the Administrative and Academic functions of the Department.
 - (b) Represented the Department in the College Academic Board and the University Senate.
 - (c) Responsible for co-ordinating student Admissions in the Department.
 - (d) Responsible for so-ordinating all Examination processes in the Department as the chief Examinations officer.
 - (e) Responsible for staff recruitment training, development, discipline and welfare in the department.
 - (f) Co-ordinated all teaching and Research functions of the department.
 - (g) Forged close working relations with relevant government and Private Agents, Departments and organizations to facilitate practical training and research activities of the department.
 - (h) Forged collaborative Academic Links with international Agencies and Universities to support the Departments, staff development programmes, joint research efforts and the supply of equipment, vehicles and library reference materials and scholarships.
 - e.g. (i) The Academic Link with the Institute of Planning Studies of Nottingham University (1984-1994) sponsored by the British Council.
 - (ii) The Academic Link with the Faculty of Environmental Studies of York University sponsored by CIDA from 1989.
- (i). Continued Teaching Courses in;
 - Planning Theory

- Introduction to Planning
 - Principles and Techniques for urban Planning
 - Regional Planning Studio
 - Management Techniques and the supervision of theses for M.A. Planning Students.
- (j). Guided and supervised Urban Planning study projects for Moi University Campus, Mumias Town, Mbale, Town, Ruiru Town, Chogoria, Limuru and Kikuyu Towns for First Year M.A. planning Students.
- (k). Guided and supervised district Planning study projects for Kiambu, Machakos, Kirinyaga, Nyeri and Kakamega Districts for the Second Year M.A. Planning Students.
- (l). Carried out an active staff Recruitment and Training Programme for the Departments.
- (m). Established a fully Operational Computer Centre in the Department and a Computer Training Programme.
- (n). (i) May/June 1986 - was college Co-ordinator of the participation of the college of Architecture and Engineering, University of Nairobi in the Kenya National Trade Exhibition organized at the Kenyatta International Conference Centre in Nairobi by the National Chamber of Commerce and Industry.
- The college stand won the merit cup and certificate of commendation for being the most informative stand. The University stand was extremely popular and tried to express the Role of the University in National Development.
- (ii) September 1986: Was Vice-Chairman of the Co-ordinating committee for the First participation of the University of Nairobi in the Nairobi International Show.

The University stand proved extremely popular to the public and won trophies in the Agricultural section of crops and Animals. The main objective was to demonstrate to the public the role the University plays in National development.

Since then the participation of the public University Institutions in the ASK shows has become a regular annual event.

3. 1990-1992 Elected Dean, Faculty of Architecture, Design and Development.
- (i) In-charge of co-ordinating the administrative and academic functions of all the Departments in the Faculty.
 - (ii) Represented the Faculty in the University senate, the Dean's Committee and the college Academic and Management Boards.
 - (iii) Responsible for Co-ordinating of all students Admissions in the faculty and member of the Joint Admissions Board of the Public Universities in Kenya.
 - (iv) Responsible for coordinating all examination processes with the Faculty.
 - (v) Responsible for the Co-ordination of all Curriculum matters in the Faculty.
 - (vi) Responsible for student disciplinary and welfare matters in the Faculty.
 - (vii) Responsible for staff recruitment, discipline and welfare in the Faculty.
 - (viii) Chairman of the Faculty's Development planning and Physical development and extension committee.
- 1992 - Present 1. Teaching the following courses:
- (i) Introduction to Planning
 - (ii) Planning Theory
 - (iii) Regional Planning Studio
 - (iv) Supervision of Students M.A. Theses.
2. Departmental representative to the Faculty Postgraduate Studies Committee.

3. Departmental representative to the Faculty Shortlisting Committee.

1994 - Present Appointed member of the Physical Science Specialist Committee of the National Council for Science and Technology.

Responsibilities:

- (i) Research clearance
- (ii) Development of Research policies for national development.
- (iii) Chairman, Task-force on the establishment of the Physical Science Research Institute.

WORKING EXPERIENCE

2003/4: Teaching the following courses:

- i) Planning Theory for both B.A Planning and M.A. Planning in DURP.
- ii) Rural Planning Studio for B.A. Planning in DURP
- iii) Supervision of students M.A. Theses

2001 to Present: Appointed Part-time Lecturer in the Department of Environmental Planning and Management, Kenyatta University for the following courses:

- i) Project Development Planning and Management
- ii) Participatory and Advocacy Planning
- iii) Sociology of Environmental Planning and Management
- iv) Rural Planning Studio
- v) Site and Neighbourhood Planning Studio

All for the Masters Degree in Environmental Planning and Management

2000-Present: Appointed Part-time Lecturer in the housing and Building Research Institute University of Nairobi, for the following courses:

Urban Planning Theory for the Degree of Master of Urban Management.

1997-2000: Appointed as a Resource Person by the United Nations Centre for Regional Development (UNCRD) Africa Office to train and guide Government officers in the Republic of Namibia in Regional Planning Methodology and the Practical Preparation of the Hardap Regional Development Plan as part of a Capacity Building Project for Local and Regional Planning in Namibia.

Conducted Local and Regional Training Seminars for Regional Training Seminars for Regional Planning Personnel and other Planners from the Ministry of Local Government and Regional Development, the City Council of Windhoek and the National Planning Commission. The Seminars mainly covered the Regional Planning Concepts, theories and methods and techniques at the national level and the Regional level.

Conducted further training workshops and seminars in Mariental, the regional capital of Hardap Region.

Conducted a practical exercise in the preparation of the Hardap Regional Plan as a Practical Training of the National and the Regional Officials in the Mariental.

1999-2001: Was a member of a Planning Team of experts involved in the preparation of the Nakuru Strategic Structure Plan sponsored by the United Nations Habitat in Collaboration with the Government of Belgium.

- Guided the training of post graduate students of Urban and Regional Planning Department, University of Nairobi in the Principles and Methodology for Strategic Planning as contrasted with the conventional Urban Planning and Structure Planning and their Limitations.
- Guided the students to carry out a comprehensive baseline studies and surveys of the Nakuru Municipality and finally preparing a strategic Urban Land Use Plan for the Town as seen in a much broader regional context of development and the structuring of the internal community spatial structure for detailed development.
- With the broader regional perspective of development, coupled with the citywide perspective we were able to address the detailed internal spatial, and environmental issues of development. This led to the clear definition of the strategic policy guidelines broadly linking the growth and development of the city, its ecological and environmental capacities for further growth and expansion, as well as the limitations of its spatial growth and development. Finally it was possible to determine the detailed area by area or zone by zone spatial organizational patterns to guide detailed local level development actions. Emphasis was put on the environmental capacity and limitations of growth and development and the involvement of the local urban community in planning and

implementation . These two factors were seen to be critical for establishing a sound policy framework for the sustainable growth of the city in future.

2001-2003:

- Appointed as a Resource Person by the United Nations Centre for Regional Development (UNCRD) Africa Office to train and guide Government Officers in Kenya in Regional Planning Methodology and the Practical Preparation of the Nyandarua District Regional Physical Development Plan as part of a Capacity Building Project for Local and Regional Planning in Nyandarua District Kenya. Thus was in direct collaboration with the Physical Planning Department, Ministry of Lands and Settlement; the Department of Rural Development Planning, Ministry of Planning and National Development; the Department of Urban and Regional Planning, University of Nairobi and the Nyandarua District Development Committee and Local Authorities within the District.

- Conducted Local and Regional Planning training Seminars and Workshops for personnel from the collaborating government agencies. These all based in Nyahururu, Nyandarua.

- Conducted practical plan preparation exercise in Nyandarua District as part of a practical training and capacity building project in Kenya. Conducted comprehensive data collecting and analysis exercises and prepared long term policy for the District over a thirty year period.

1996 Present:

Appointed as a Resource Person by the United Nations Centre for Regional Development (UNCRD) Africa office to prepare training manuals and training senior planners from all over Africa in Local and Regional and Management in Nairobi.

- Prepared training materials and conducted training lecturers on the following aspects:
 - i) Regional Development Planning Concepts and Policy Approaches
 - ii) Regional Plan Preparation Process.
 - iii) Physical infrastructure and Development.
 - v) A Framework for Regional Development

D. EXTERNAL EXAMINATION AND VISITING LECTURES

- (a) 1987 Nov. Was appointed External Examiner to the Department of Urban and Rural Planning. University of Zimbabwe. Evaluated Examination scripts and Research and

Practical Planning Studio projects for the B.Sc., M.A. degrees and the Postgraduate Diploma in Urban and Rural Planning.

- (b) 1984 Was visiting lecturer at the Institute of Planning Studies, University of Nottingham on staff Exchange basis as part of the Academic link between University of Nairobi and Nottingham University.

Gave lecturers, Seminars and studio projects to both the Postgraduate M.A. Planning students and the short course students on District planning Techniques and Methods, Rural Development project planning and Implementation and Urban Development project planning and implementation with a Focus on experience in Developing Countries of Sub-Saharan Africa in particular.

- (c) March 1986

Was visiting lecturer to the University of Nottingham, Institute of Planning Studies for one month under British Council Technical Assistance.

(i) Delivered lectures and conducted Seminars on District Development Planning to Postgraduate students doing M.A. degree in Environmental Planning. the students were drawn from both the United Kingdom and Third World Countries.

(ii) Evaluated Studio work on District Development Planning and Metropolitan planning for Nairobi City carried out by Postgraduate students doing the M.A. degree in Environmental planning. The students were also drawn from both the United Kingdom and Third World Countries.

(iii) Joined a Student party on a study Tour of the City of Amsterdam and its surroundings.

- (d) Nov.1989 Sponsored by the CIDA of Canada to York University in Toronto Canada for Two weeks to launch the Academic Link project agreement with the Faculty of Environmental Studies. The project involved the exchange of academic staff between the Faculty of Environmental studies in York and the Department of Urban and Regional Planning University of Nairobi, the award of training scholarships for staff and students of the University of Nairobi and in Canada; joint research programmes in Kenya with an emphasis on environment and Urban and Rural Development.

Gave Lecturers and Seminars on "The problems of development planning in Kenya with particular reference to incorporation of the environmental and energy programmes in National and Regional Policy and "The Training of manpower for planning at the District and Urban Levels."

- (e) Feb/
March 1992 Was visiting lecturer in Nottingham University, Institute of Planning Studies for one month as part of the Academic Link with the University of Nairobi.
- (i) Gave Lectures on District planning to M.A. Planning students drawn from the United Kingdom and the Third World Countries.
 - (ii) Conducted Studio project on District Planning of Meru District in Kenya to M.A. Planning students of the Institute drawn from the United Kingdom and the Third World countries.
- (f) Oct/
Nov. 1992 Appointed visiting Senior Lecture on the M.A. Physical Planning degree course at Makerere University as part of the Uganda First urban Project by the GTZ German Agency in Urban planning and Training Programme.
- (i) Gave lectures and conducted practical field studies on two courses
 - Principles and Theory of Planning
 - History of Town Planning.
 - (ii) Prepared Training Manuals for
 - Principles and Theory of Planning
 - History of Town Planning as essential course reference materials.
- (g) Oct/ Nov
1993 Appointed visiting Senior Lecturer to teach "Introduction to Planning" for the Diploma in Physical Planning at the Physical Planning Training Institute, Ministry of lands, Housing and Urban Development, Physical Planning Department, Kampala, Uganda, as part of the Uganda First urban project, GTZ Urban planning Assistance, by the GTZ German Agency for Technical Assistance.

- Prepared a Training manual on "introduction to Planning" as the basic reference material for the students on the Diploma course.
- (h) Jan/
Feb 1996 Appointed visiting Senior lecturer on the M.A. Physical Planning degree course at Makerere University, Urban and Regional Planning Unit, Faculty of Technology to give Lectures and conduct practical field studies on:
- (i) Principles and Theory of Planning
 - (ii) History of Town Planning.
- (i) July 1996
Jan 1997 Appointed visiting Principal Tutor In-Charge for the teaching of the Urban and Regional planning Studio course for the M.A. Physical planning degree course at makerere University, Urban and Regional planning Unit, Faculty of Technology:
- (i) Gave introductory Lecturers tot he course project.
 - (ii) Developed a detailed project programme.
 - (iii) Project Field site selected.
 - (iv) Project Field data collection and Surveys and analyses in progress.

EXTERNAL EXAMINATION

- J) 1998-2002 Appointed External Examiner to the Department of Geography, Makerere University Kampala Uganda for the degree of Bachelor of Arts in Physical Planning. Evaluated and moderated Examination question papers, scripts and Research project reports and practical planning studio projects for the B.A. degree in Physical Planning. Advised on the amendment and improvement of the B.A. Physical Planning degree syllabus.
- 1999-2003 Appointed External Examiner in the Department of Urban and Regional Planning, Faculty of Arts and Social Sciences, Maseno University.
- Evaluated and moderated Examination question papers, scripts and practical planning studio projects for the B.A. degree in Urban and Regional Planning. The Postgraduate Diploma in Project Planning, the Postgraduate Diploma in Project Planning and Management and the M.A. degree in Planning and Project Planning and Management.
 - Made recommendations and advised on the improvement and amendments of the B.A. degree in Urban and Regional Planning with a view to strengthen its professional content.
- l) 1999-2003 Appointed External Examiner in the Environmental Planning and Management

Department, School of Environmental Studies, Moi University.

- Evaluated and Moderated Examination question Papers, scripts, and Planning Studio Projects for the Master degree in Environmental Planning and Management, and the Doctor of Philosophy degree coursework Examinations question Papers and Scripts.
- Made recommendations for major changes and improvements to the syllabus for the Master degree in Environmental Planning and Management with a view to strengthen the teaching of the Practical Planning Studio courses and changes in the staffing to strengthen the teaching of the planning methodology aspects of the course.

E.

CONFERENCES AND SEMINARS

1. United Nations Seminar on New Towns held in London, 4th - 19th June, 1973. Jointly organized by the United Nations and the British Government.
2. The African Seminar on Population Policy held in Nairobi, Kenya, in September 1973. Jointly organized by the Institute for development Studies, (IDS) of the University of Nairobi and United States National Academy of Sciences (NAS).
3. National World Population Conference held in Nairobi, 1974. Organized by the Kenya Government.
4. The 5th International Public Health Seminar on Planning and Building of Health Care Facilities Under Conditions of Limited Resources held in Nairobi, Kenya, 17th - 24th November, 1974.

Organized by the International union of Architects - Public health Group (UIA -PHG), the International hospital Federation ((IHF) and the World Health Organization (WHO).

5. National Seminar on Human Settlements; Organized by the

National Environment Secretariat in Nairobi, 1975.

6. Seminar on the Teaching of Geography and Regional Development: Organized by the Geography Department at the Universities of East Africa in Nairobi, April 1976.
7. The Second National Seminar of Human Settlements: Organized by the National Environment Secretariat in preparation for the HABITAT Conference in Vancouver, in Nairobi, May 1976.
8. Town and Country Planning Summer School Conference, International Division of Planning and Implementation of Regional Policy: held in Lancaster University, U.K., in September 1977. Organized by the Town Planning Institute of Britain.
9. Conference on Education for Planners: held in Liverpool, September 1977 Organized by the Commonwealth Association of Planners.
10. Workshop on Environment and Development: held in Nyeri in August 1978. Organized by the National Environment Secretariat, UNDP and UNEP.
11. July, 1992
Participated in Workshop on Participatory Rural Appraisal Techniques organised by the Department of Urban and Regional Planning, University of Nairobi at Silver Springs Hotel, jointly with the Ministry of Planning and National Development and UNICEF.
 - Participated in the organization of the workshop
 - Presented a paper on the Application of participatory Rural Appraisal in Regional Planning. By E.N. Ndegwa and Z. Maleche.
12. August 1992
Participated in a course of Training on Participatory Rural Appraisal Techniques (PRA) in Nakuru organised by Egerton University and Clark University for three weeks.

13. 1993-95 Attended an Introductory Course on "Applied Environmental Planning. Application of Natural Environmental Principles in Urban Development." as part of the Environment and Urban Development Training Project (Green Towns Project) in the Ministry of Local Government, Kenya, in Collaboration with the Agricultural University of Wageningen, The Netherlands.
14. Attended the Sub-Saharan Africa Transport Programme, World Bank/UNECA Non-Motorized Transport Round Table Workshop 19th -20th August, 1993. Presented a paper on "Planning for the Pedestrian in the Central Business District" jointly by Z. Maleche and F.M. Mburu.
15. Attended the National Seminar on African Architecture and Planning in the 21st Century: The challenge of the Time. organized by the Department of Architecture, Jomo Kenyatta University of Agriculture and Technology, sponsored by Japan International Co-operation Agency, JICA. 24th and 25th November, 1994. Presented a paper on "Planning Parameters for Kenyan Traditional Settlements. A case of the Maasai." Jointly by Z. Maleche and R. Rukwaro.
16. Attended the All-Africa Seminar on African Architecture and Planning in the 21st Century - Challenge of our time. Organized by the Department of Architecture, Jomo Kenyatta University of Agriculture and Technology on 16-17th March, 1995 at the Methodist Guest House Nairobi, Kenya sponsored by JICA. Presented a paper on "A case for system of Values being the basis for contemporary Architecture in Kenya." Jointly by Z. Maleche and R. Rukwaro.
17. Attended the "Nairobi City Convention on "The Nairobi We Want - Towards an Action Plan for a Better Nairobi" as a member of the Preparatory Working Group and participated in the Co-ordination of the discussion and

preparation of recommendations on Urban Planning." Organized at the City Hall, 27-29th July, 1993.

18. Participated in the T.O.T. Environment and urban Development Training Project in Co-operation with Webuye Town Council on Introduction to Applied Environmental Planning Application of Natural Principles in Urban Development Planning Field Course from 4th-15th July, 1994. Prepared "the Webuye Environment Development Plan and Action Plans as Facilitators organised by the Green Towns projects, Ministry of Local Government in collaboration with the Wageningen University, Netherlands.
19. Participated in the Environment and urban Development Training Project in Co-operation with Runyenjes Town Council. Guided the preparation of the Runyenje's Environmental Development Plan and Action plans as Facilitators. Organized by the Green Towns project, Ministry of Local Government, Kenya in collaboration with the Wageningen Agricultural University -Netherlands in February/March 1995.
20. Facilitated as Planning Advisor in the inception Workshop for the Malindi Municipal Council New Local Authority Development programme for 1995-1998 from 18th to 27th April, 1995. In collaboration with the Green Towns project, Ministry of Local Government. My role was to introduce the integrated LADP method and advise the Municipal Council on the application of the new method in the preparation of the new LADP.
21. Facilitator in workshop on the planning and implementation of Environmental Action programmes in Malindi Municipal Council Environment Committee and Local Community Based organizations Nov. 1995. In collaboration with the Green Towns Project and the Ministry of Local Government.

22. Dec. 1996 Attended the UNDP/GEF Project: Building capacity in Sub-Saharan Africa to respond to the UNFCCC on Climate change: A National GHGS Inventory Workshop held at the Fairview Hotel, Nairobi, Kenya from 18th - 20th December, 1996. Presented Three Papers on;
- (i) Relationship between Urbanization and Urban Waste Generation. Jointly by Z. Maleche and S.V. Obiero
 - (ii) Policies and Waste management Systems in Kenya. Jointly by Z. Maleche and S.V. Obiero;
 - (iii) Review of IPCC Methodology and suggested work programme. Jointly by Z. Maleche and S.V. Obiero.

F. RESEARCH EXPERIENCE:

1. Wrote dissertation on "The Geographical Interpretation of the Present Day Structure of Kakamega Town," in part fulfilment of requirements for my B.A. Degree in Geography, University of Nairobi, 1968.
2. Participated in a Survey of Attitude Towards Family Size and Family Planning among Urban People in Nairobi, Kenya, 1966.
3. Was Field Assistant in a Marketing Research Project in kakamega District in 1966.
4. Wrote thesis on "Research Priorities for Planning in Kenya," as part of my M.A. degree in Urban and Regional Planning in 1972.
5. Study of the problems in the present Planning Law in Kenya and Its Relation to the Planning Process since 1972 by the Department of Physical Planning, carried out jointly with J.M. Ohas and J.N. Alela.
6. Participated in conducting basic studies for the preparation of a National Physical Development Strategy in the Physical planning Department jointly with L.J. Poyck.

7. Conducted studies on "a Framework for integrated Physical Planning" for the Ministry of Lands, Housing and Urban Development in /Tanzania, 1975/76, on consultancy basis with A. Subbakrishniah.
8. Organized and supervised planning studies in Machakos District, Kisii District, Kajiado District, Embu District, and Kakamega District as part of the Regional Planning Studio work for M.A. (Planning) students.
9. Study of problems in the policy Formulation and Implementation Process at the District level in Kenya (current).
10. 1982-83 Member of the Sectorial Preparation Group (SPG) Committees for the 1984-88 National Development plan. With particular reference to the Physical Planning policy sector, the Human settlements policy sector, organised and co-ordinated by the Ministry of Economic Planning and Development.
 - Contributed policy papers on the following:
 - (a) A Review of Human Settlements Policies in Kenya jointly with E.N. Ndegwa
 - (b) Development of Spatial Policies in Kenya by Z. Maleche.
 - (c) Research for Human Settlements in Kenya by Z. Maleche.
11. 1983 Member of the preparatory Committee for the country paper on "Land for Human Settlements Co-ordinated by the National Environment and Human Settlements Secretariat." Ministry of Environment and Natural Resources in preparation for the Habitat conference in Helsinki 1983.
12. Member of the preparatory committee for the country paper on "Training and Research for Human Settlements" in preparation for the Habitat Conference in 1983.

Contributed a back ground paper reviewing "Training and Research Needs for Human Settlements in Kenya" and was one of the principal speakers on the subject at the national Seminar organised by NCHSS in Nairobi.
13. Member of the Team of Government officials that visited the scene of the

lamu Fire Disaster of 1983 to review the situation.

Prepared a joint report with Dr. G. Hanjari on "The possible role the University of Nairobi could play in the planning of the future development of Lamu Town and the Island to minimize the occurrence of similar disasters."

14. Leader of a Team carrying out research on "Rural Development and Infrastructure Planning in Meru District" as a joint effort by the Department of Urban and Regional Planning, University of Nairobi and the Institute of Planning Studies, University of Nottingham under British Council Sponsorship.
15. Leader of a Team carrying out research on "The Study of the Implementation of the District Focus Strategy for Rural Development, Kakamega District" as a joint effort by the Department of Urban Lands Regional planning, university of nairobi and the Department of Geography of the University of Utrecht on behalf of the Lake Basin Development Authority sponsored by the Government of the Netherlands.
16. Leader of a Departmental Team Carrying out a land use, infrastructure and services in Urban Settlements in Kakamega District.
17. 1985 Was member of the preparatory committee for the country paper on "The Role of Small and Intermediate towns in National Development." Co-ordinated by the National Environmental and human Settlements Secretariat in preparation for the 1985 Habitat conference.

Wrote a paper on the "The Review of Theoretical Trends of the role of small and intermediate Towns and its relevance to Kenya" 1985.
18. Oct. 1989 Conducted an Evaluation Survey for the Barclays Bank of Kenya Limited Company on the performance of their customer services in the Mount Kenya zone on a consulting basis. This involved visiting the Bank Branches in the Mount Kenya zone and conducting a survey by ways of observation and random interview of customers and staff of the bank regarding the customer services. I wrote a report of my observations and a point score for each branch's performance in respective service functions

- and aspects as required by the bank.
19. 1991 Was member of a research team conducting research on informal sector policies in Kenya, sponsored by IDRC. Carrying out research surveys in Nairobi, Mombasa, Kisumu, Bungoma, Eldoret, Nyeri and Meru Urban areas.
 20. 1993-94 Co-ordinated six Research Projects by the Department of Urban and Regional Planning carried out on "The Role of infrastructure in the Spatial Growth and Development of Urban Settlements in six towns of Busia, Kisii, Ol Kalou, Nyeri, Voi and Chuka in Kenya" as part of the Green Towns project in the Ministry of Local Government.
 21. 1994 April Supervised and participated in field research work on "indicators of sustainable water resource development, Gatakwa Village, Gachoka Division, Embu District" carried out by J. Stewart Lindale, a visiting student from York University Canada. - I was particularly responsible for the application of the PRA Techniques in the research project.
 22. 1994-1995 Appointed Consultant Planning Advisor on the Integration of the Green Towns project Environmental Planning Approach into the Local Authority Development programme (LADP) planning process for the Ministry of Local Government, Department of urban Development.
 23. April 1995 Directed the application of the proposed integrated LADP planning process in the preparation of the new LADP in Malindi Municipal Council as a trial case in the field operation of the new integrated LADP process.
 24. June/
July 1995 Prepared a Report on the New Integrated Local Authority Development Programme (LADP) Planning Process as a comprehensive Planning process integrating spatial, Environmental and community considerations in the planning and development process of urban settlements to be adopted by all local Authorities in Kenya.
 25. 1974 -
Present Was the team leader of the following Departmental Planning study projects:
 1. Machakos District Development Planning study project; 1975
 2. Kisii District Planning Study project, 1976.

3. Kajiado District Planning Study Project, 1977
 4. Kakamega District Planning Study project, 1978.
 5. Embu District Planning Study project, 1979.
 6. Kisumu District Planning Study Project, 1981.
 7. Nakuru District Planning Study Project, 1982.
 8. Kiambu District Planning Study project, 1984.
 9. Machakos District Planning Study Project, 1986.
 10. Kirinyaga District Planning Study project, 1986.
 11. Nyeri District Planning Study Project, 1987.
 12. Kakamega District Planning Study Project, 1988.
 13. Embu District Planning Study project, 1993.
 14. Kajiado District Planning Study Project, 1994.
 15. Machakos District Planning Study Project, 1995.
 16. Mbale urban planning Study Project, 1987.
 17. Mumias urban planning Study project, 1987.
26. 1995-96 Supervised and guided a study of the "Evaluation of the Action Groups in the Field Course Towns and the Application Towns" under the Green Towns project, Ministry of Local Government as part of an M.A. Thesis Research Project on "Community Participation in the Planning Process" carried out by Nicole Teuwsen, a visiting student from the University of Wageningen, Netherlands, 1995/96
27. 1996 Was leader of the research team on Waste under the UNDP/GEF Project: Building capacity in Sub-Saharan Africa to Respond to the UNFCCC on climate: GHG inventory in Kenya

THESES SUPERVISED AND GUIDED.

1. Some influences on residential patterns in uncontrolled urban areas- a case study of Changamwe, Mombasa. by E.A. Owino, 1975. M.A.
2. The Role of Roads in rural and regional development in East Africa.A Case study in Kenya and Uganda. By J.K. Madungha (1975) M.A.
3. An integrated urban structure for Kilifi Town, Coast Province, Kenya. By T.S.G.Makunda (1975) M.A.

4. Integrated Rural development - A case study of Aswa County, West Acholi District, Uganda- using water resources as a base for development By S.C. Alai, (1975) M.A.
5. A study of the development problems of the southern countries of Kyaggwe District, Uganda S.Mukasa-Kintu (1975) M.A.
6. Road Transport Network as a means towards economic development. A case study of Kakamega District, Western Province, Kenya. by J.E.N. Alela, (1976) M.A.
7. District Planning as a strategy for rural development in Kenya(Siaya District case study). By O.Obwa. (1976) M.A
8. Strategy for the Resolution of the problem of rural overpopulation and internal migration in Uganda - A case study of Bugisu District. By J.H.M. Khalifa, (1976) M.A.
9. An Appraisal of resource and Land use maximisation for integrated valley of Uganda; A case study of Busongera District By. A.K.E. Tibenda, (1976) M.A.
10. A Study of the interdependence and development potentials of the main towns in Western Province with special reference to Kakamega Webuye, Bungoma and Mumias M.O.H. Amunga (1976) M.A.
11. A study of transportation problems and some of their implications to agricultural development in Bukoba district, Tanzania. By T.W.P. Kamulali (1977) MA.
12. The role of rural transportation systems in agricultural development. A case study of South Nyanza District Kenya. By A.O.Acharo (1977) M.A.
13. Some implications of the development of Dar-es-salaam Harbour. By P.M. Moshi. (1977) M.A.
14. The community water supply within the framework of an integrated rural development planning; A case study of Machakos District. By R. Wachira (1977) M.A.
15. The impact of Nairobi- Thika Highway on Land values. Land use settlement and its implications in Land use Planning. By G.Kariuki, (1977) M.A.
16. Urban Land use planning policies for the development of peri-urban areas of Kakamega;

- A case study of Shirere. By, A.N. Shibira,(1978) M.A.
17. Towards an integrated development plan, Pare District. By M.A. Mlinga(1978)
 18. The Role of Agricultural Co-operatives in Rural development: A case study of Kakamega District. By M.Wanga (1978) M.A.
 19. The impact of water resource utilization on rural development. A case study of Rufiji District Tanzania. By T.S. Mwiru, (1978) M.A.
 20. The relationship of Kisumu`s industrial sector to the Resource Hinterland: a case study of Kisumu Cotton Mills. By R.O. Awuor (1979) M.A.
 21. The impact of sisal industry on the growth of Tanga Town. By R.P. Ghai, (1979) M.A.
 22. The problems facing Machakos Township Authority in the preparation and implementation of physical development. By T.M. Kathukya (1979) M.A.
 23. Population pressure as a factor in Rural Development in Hamisi Division, Kakamega District. By G.Shibadu (1980) M.A.
 24. "The impact of Mumias sugar Factory on the growth of mumias Town". By Helen Khaguli;(1981) M.A.
 25. Effects of population change on land use in Kisii District, Kenya, By Christopher Omare(1981)"Constraints to the Development of Chuka Town to a Growth Centre; By Nthiga (1982) M.A.
 26. "The Role of small scale irrigation schemes in Rural Development. A case study of Kibirigwi Irrigation Scheme, Kirinyaga District, Central Province Of Kenya"By Kangangi (1982) M.A.
 27. Planning for Tourism Development in the Homa Bay-Kisumu Region, By K`Odera, (1982) M.A.
 28. A study for urbanization in the Lower Shire sub-region, Malawi, By B.G.Y. Kacheche (1984) M.A.

29. The impact on Nairobi National Park Of changes in Land use in adjacent areas. By P. Omondi, (1984) M.A.
30. Towards a Renewal Model for Eastlands of Nairobi: A case study of Shauri Moyo. By D.T. Muchiri, (1984) M.A.
31. The impact of Lilongwe- Mchinji Road and Railway on development of settlement centres within mchinji District. By P.A. Yasini, (1984) M.A.
32. Industrial Development and its impact on Environmental Quality with special reference to the Kenyan Meat Commission Factory, Refine Oil Company and Portland Cement Factory in Athi River Town. By P.K. Kyalo, (1985) M.A.
33. Land use planning for the informal commercial activities in the Nairobi Central Area. By T.R. Njoroge, (1985) M.A.
34. An Appraisal of cottage industries in Urban Informal Sector: A case study of Gikomba Belt Neighbourhoods, Nairobi By J.H.M.Mochache,(1985) M.A.
35. The effects of building By-Laws and standards on the supply of Low Income Housing in Kenya with special Reference to Nairobi: A case study of Kariobangi. By L.U. Shihembetsa, (1985) M.A.
36. Planning for water Resources in Rural areas; its development and management with Reference to Kandara Division. By P.S.K. Njuguna, (1985) M.A.
37. The Role of Appropriate Technologies and community participation in solving the Housing problem of the lower Income Groups. By T.M. Zeimetz, (1986), M.A.
38. Providing shelter for the poor on the street; A case study of Nairobi Central Area. By R.G. Wainaina; (1986) M.A.
39. The Growth and contribution of sugar industry in rural Development: A case study of Ramisi in Kwale district (Kenya). By S.M. Jabu (1986) M.A.
40. A study of the Role of Magadi Town in its Regional Context. By T.A. Musungu, (1986) M.A.

41. Rural water supplies problems in Kenya; A case study of Kipkelion Division, Kericho District. By P.K. Koskey,(1986) M.A.
42. The contributions of tea factories on the growth of Human Settlements in Kisii District. A case study of Keroka and Kebirigo.By Charles G. Mumbo (1987) M.A.
43. Problems of Marakwet indigenous irrigation systems. A case study of Aror Locatiopn. By T.K. Rutto (1988) M.A.
44. The Rural energy problems; A case study in Shiswa Sub-Location, Kakamega District. By. H. Musoga, (1988) M.A.
45. Local Participation in Tourism in Igembe area, Meru District. By F.M. Ndereba, (1988) M.A.
46. The effects of Consolidation of Grazing Lands, Arable lands and the Human Settlements on fragile Ecosystems; The case of Barolong Farm Area; Botswana . by Mmakabi, Kabi, (1988) M.A.
47. An assessment of Future Housing Need in Small urban Centres in Kenya; A case study of Mumias Town, By I.A. Kipera, (1989) M.A.
48. The function of the DDC in District Planning with special reference to the role of the community; A case study of Kakamega District By R.M. Mideva, (1989) M.A.
49. Planning for Pedestrians in the Entral Business District of Nairobi. By F. Mburu, (1990) M.A.
50. The utilization of Open space in low income residential Neighbourhoods, Nairobi, Kenya. By J.K. Bains, (1990) M.A.
51. The role of rural industries in rural Development: A case study of West Kenya, By J.S. Okoyana, (1992) M.A.
52. A comparative Analysis of Planned and Unplanned informal and small scale activities in Kariobangi and BuruBuru, By. J.C. Ogino (1992) M.A.
53. Factors that determine Entry and Performance of entrepreneurs in Bugoma Town, By L.S.

Mulongo (1993) M.A.

54. Assessment of the impacts of diversification on the performance of the Sisal Industry; A case study of Banita Group of Companies and Migotiyo Plantations, By P. Njoroge, (1993) M.A.
55. Planning and use of open spaces in Khabarone, Botswana. (By V.T. Kaunda; (1993). M.A.
56. Evaluation of infrastructural Development in Nyeri Town with emphasis to enhanced environmental Quality. By M.D. Ndirangu, (1994) M.A.
57. The role of infrastructure in spatial growth of Ol Kalau and the Institutional Constrains on their provision. By Charles M. Kagema, (1994) M.A.
58. The impact of delayed or prolonged construction process of development projects on development of Mui Location: A case study of Mathuki Health Centre. By Mutemi Nzatu, (1995) M.A.
59. Strategies for Agricultural development and their relationship to human settlement patterns: An aspect of rural development in Maun district, Botswana." J.J. Ndebele, (1979) M.A.
60. "A study of the Management of Local Authority Housing Estates in Kenya with special reference to Mombasa, Kisumu and Thika Municipal Councils." P.M. Syagga, (1979). M.A.

G **PUBLICATIONS:**

Published Professional Reports

1. Nyanza Province Regional Physical Development Plan by Town Planning. In collaboration with the Town Planning Department, Ministry of Lands and Settlement, Republic of Kenya, 1970.
2. Western Province Regional Physical Development Plan. In collaboration with the Town Planning Department, Ministry of Lands and Settlement, Republic of Kenya, 1970.

3. Rift Valley Province Regional Physical Development Plan. In collaboration with the Town Planning Department, Ministry of Lands and settlement, Republic of Kenya, 1971.
4. Human Settlements strategy for Rural and Urban Development. In collaboration with the Physical Planning Department, Ministry of Lands and Settlement, Republic of Kenya, 1978.
5. Development Plan 1984-88. In collaboration with the Ministry of Planning and National Development, Republic of Kenya, 1984.
6. Machakos District Development Plan. In collaboration with the Department of urban and Regional Planning and Edited by Z. Maleche, 1975.
7. Karai Location: Rural Development. In collaboration with the Department of Urban and Regional Planning, and Edited by Z. Maleche and S.V. Obiero.
8. History of Town Planning: A Course Manual for the Degree of Master of Physical Planning, Makerere University, Uganda. In collaboration with GTZ urban Planning Assistance project in the Ministry of Lands Housing and Urban Development, uganda, October, 1992.
9. Principles and Theory of Planning: A course manual for the Degree of Master of Physical Planing, Makerere university, Uganda. In collaboration with GTZ urban planning Assistance project in the Ministry of lands Housing and urban Development, uganda, october 1992.
10. Introduction to Planning: A Course manual for the Diploma in Physical planning Training Institute, Uganda. in collaboration with GTZ urban planning Assistance project in the Ministry of Lands housing and Urban /development, October, 1993.
11. Integration of the Green Towns Environmental Planning Procedure in the Local Authority Development Programme process. In collaboration with the Green Towns project on Environment and Urban Development Ministry of Local Government. 1996.
12. Outline Spatial Planning for Othaya Town Council. A Review in collaboration with the Green Towns Project on Environment with the Green Towns Project on Environment and Urban Development; Ministry of Local Government. 1996.

13. "Malindi LADP 1995 - 1998: A preliminary Report," In collaboration with the Green Towns project on Environment and Urban Development, Ministry of Local Government, 1996.
14. The operation of the Integrated LADP process." In collaboration with the Green Towns project on Environment and Urban Development, ministry of Local Government. 1996.
15. "Institutionalization of Urban Environmental Management, Training and Awareness Creation" A draft project proposal submitted by the Republic of Kenya to the Netherlands Government. In collaboration with a Task Force from Ministry of Local Government, Ministry of lands and Settlement and Government Training Institute Mombasa, october, 1994.
16. Webuye Environment Development Plan and Action Plans. In collaboration with the Environment and urban Development Training project (Green Towns Project) and the Webuye Town Council, 1994.
17. Runyenjes Environment Development Plan and Action Plans. in collaboration with the Environment and Urban Development project (Green Towns project) and the Runyenjes Town Council. 1995.
18. "Application of participatory Rural Appraisal in Regional planning. A paper presented at the Seminar on PARTICIPATORY RURAL APPRAISAL in Silver Springs Hotel, nairobi, by Dr. E.N. Ndegwa and Z. Maleche, 1992.
19. "Planning Parameters for Kenyan Traditional Settlements - A case of the Maasai." A paper presented at the national Seminar on "African Architecture and Planning int he 21st Century - challenge of out Time." at JKUAT, by Maleche, Z and Rukwaro, R.W., 1994.
20. "A case for system of values being the bases for contemporary Architecture in Kenya." A paper presented at the All-Africa Seminar on "African Architecture and planning in the 21st Century - challenge of our Time" at the methodist Guest House, Nairobi, Kenya by Maleche, Z. and Rukwaro R..W. 1995.
21. "Planning." In Actions Towards a Better Nairobi. Report and Recommendations of the Nairobi City Convention "The Nairobi We Want." Edited by J.G. Karuga in collaboration with Friedrich Naumann Foundation. 1993.

22. Regional Development Plan for Hardap Region, Namibia. In Collaboration with the United Nations Centre for Regional Development, Africa Office, Nairobi, Kenya (UNCRD) 2000. Was the lead Resource person guiding the process of preparation of the plan.
23. Nakuru Strategic Structure Plan, 2001. In collaboration with United Nations Habitat and the Belgian Government. Was member of the Planning Team.
24. Nyandarua District Regional Development Plan, 2001-2030: An integrated Plan for Sustainable Regional Development. In collaboration with United Nations Regional Centre for development Africa Office, and the Kenya Government, Ministry of Lands and Settlement and the Department of Urban and Regional Planning, University of Nairobi. Was a lead Resource Person in the preparation of the Plan 2003.
25. Kenya's Experience with Regional Development Policies. Zachariah Maleche, 1998.
- 26.

Unpublished papers and Reports

1. Some Notes on Future Tourist Development and Physical Development patterns in Lamu District. Contributed to the Report of the Working Party on the Development of Lamu District by Z. Maleche, 1973, Department of Physical Planning.
2. Development of lamu District Progress Report of the Working Party. Ministry of Finance and Planning, 1973.
3. Regional Development Strategies in Kenya: Paper submitted to the Seminar on Regionalization in Africa, Ibadan, Nigeria, 1973. Organized y United Nations Economic Commission for Africa, African Institute for Economic Development and Planning by Z. Maleche, Department of Urban and Rural Physical Planning, Kenya.
4. Urban Development Policies in Kenya: paper prepared for the UN Seminar on New Towns in London, June 1973, by Z. maleche, Department of Urban ad Rural Physical planning.
5. Population and Urbanization Policies in Kenya: African Seminar on Population Policy,

- Nairobi, Sept. 1973, by Z. Maleche, Department of Urban and Rural Physical Planning.
6. First Draft proposals for the Planning Act for Kenya Prepared by Z. Maleche, N. Mattingby; Physical Planning Department, 1974.
 7. Second Draft proposals for the Planning Act for Kenya and Memorandum: By J.M. Ohas, Z. Maleche, J.M. Alela; Physical Planning Department , 1976.
 8. Integrated Regional Physical Planning Framework: For the Ministry of Lands, Housing and Urban Development; United Republic of Tanzania by A. Shubbakrishniah, Z. Maleche, Department of Urban and Regional Planning, University of Nairobi 1975.
 9. Proposals for Planning Practice Training Courses for Planners in Kenya: By Z. Maleche, J.M./ Ichoya, T.S. Makunda; Town Planning Chapter, A.D.K. 1976.
 10. Ikolomani Division: A strategy for Development by Z. Maleche, 1979.
 11. "Project Implementation, a National and Regional Context: A Nairobi Case Study." Presented as part of the Course on New Skills and Perspectives for Urban managers, Habitat Forum at the Polytechnic of Central London on 12th February 1980, by Z. Maleche.
 12. "A Review of Human Settlements Policies in Kenya" A Contribution to the 1984-88 Development Plan; by E.N. Ndegwa and Z. Maleche; 1982.
 13. "Development of Spatial Policies in Kenya." A Review paper for the preparation of the 1984-88 Development Plan by Z. Maleche, 1982.
 14. Research for Human settlements in kenya. A Contribution to the 1984-88 Development Plan by Z. Maleche, 1983.
 15. "Land for Human Settlements," Country Report by NEHSS in preparation for the Habitat Conference in Helsinki, 1983.
 16. "Training and Research for Human Settlements in Kenya;" by Z. Maleche, 1983.
 17. The Role of Intermediate Towns in National Development: A Review of the Theoretical Developments and Trends; by Z. Maleche, 1985.

18. "Planning for the Pedestrian in the Central Business District." The sub-saharan Africa Transport Round Table Workshop. By Z. maleche and F. Mburu, 1993.
19. "land management, Planning, Elevation of Town, Local Community Participation and Subdivision of Nairobi." A Memorandum presented to the Presidential Commission of Inquiry into: Subdivision of the City of Nairobi into: Subdivision of the City of nairobi into Boroughs and Elevation of Mombasa, Kisumu, Nakuru and Eldoret Municipalities into Cities; chaired by William Omamo in Nairobi, 1995. Presented jointly by P.M. Syagga, Z. Maleche and Dr. I.Karanja mwangi in collaboration with others ibn the faculty of ADD.
20. Kisii District Development Plan. In collaboration with the Department of urban and Regional Planning and Edited by Z. Maleche, 1976.
21. Kajiado District Development Plan. In collaboration with the Department of urban and Regional Planning. Edited by Z. Maleche 1977.
22. Kakamega District Development Plan. In collaboration with the Department of Urban and Regional Planning. Edited by Z. Maleche and E.N. Ndegwa. 1978.
23. Embu District Development Plan. In collaboration with the Department of urban and Regional planning. Edited by Z. Maleche and E.N. Ndegwa.
24. Kisumu Integrated District Development Plan. in collaboration with the Department of urban and Regional planning. Edited by Z. maleche and E.N. Ndegwa, 1981.
25. Nakuru integrated District Development Plan. In collaboration with the Department of Urban and Regional Planning Department. Edited by Z. Maleche and E.N. Ndegwa; 1982.
26. Kiambu District Development Plan. In Collaboration with the Department of Urban and Regional Planning. Edited by Z. Maleche, 1984.
27. Machakos District Development Plan. In collaboration with the Department of Urban dna Regional Planning, Edited by Z. Maleche 1985.
28. Planning for the Moi University Development as a New Urban Settlement, near Eldoret. In collaboration with the Department of Urban and Regional Planning. Edited by Z.

- Maleche and J.M. Kiamba, 1985.
29. Urban Development Plan for Murang'a Municipal Council. In collaboration with the Department of Urban and Regional Planning. Member of the Team; 1986.
 30. Planning for Limuru Town, Kiambu District. Towards a Sustainable Environment in Year 2010, with DURP, member of the team, 1991.
 31. Planning Study of Kikuyu town, Kiambu District: Towards a Sustainable Environment in Year 2010, with DURP, member of the Team, 1992.
 32. Kirinyaga Integrated District Development Plan. In collaboration with DURP, Leader of the Team, 1986.
 33. Urban Development Planned for Mbale, Vihiga Town Council, Kakamega District. Leader of the Team, 1987.
 34. Urban Development Plan for Mumias Town, Kakamega District. Leader of the Team, 1987.
 35. Nyeri Integrated District Development Plan. In collaboration with DURP. by Z. Maleche and E.N. Ndegwa; 1987.
 36. Kakamega integrated district Development Plan. In collaboration with DURP. Edited by Z. Maleche and E.N. Ndegwa; 1988.
 37. Kajiado integrated District plan. A strategy for sustainable Land Use for an ASAL Region. Edited by Z. Maleche and Dr. S. Akatch; 1993.
 38. Embu Integrated District Plan. A strategy for sustainable Land use for a Marginal Regional. Edited by Z. Maleche, 1994.
 39. Machakos integrated District Plan. A Strategy for sustainable Development in an ASAL Region. Edited by Z. Maleche.
 40. "Relationship between Urbanization and Urban Waste Generation." by Z. Maleche and Dr. S.V. Obiero Dec. 1996.

41. "Policies and Waste Management Systems in Kenya." by Z. Maleche, and Dr. S.V. Obiero Dec. 1996.
42. Review of IPCC Methodology and Suggested Work Programme. by Z. Maleche and Dr. S.V. Obiero. Dec. 1996.
43. Local and Regional Development Planning and Management in Kenya. Challenges and Lessons. Zachariah Maleche, 2000.
44. Integration of Regional Development Planning Process. By Zachariah Maleche, 1998
45. Organization of the Regional Planning Team. By Zachariah Maleche, 2000.
46. Organization of the Regional Planning Team, By Zachariah Maleche, 2000
47. Regional Plan Preparation Guidelines for Data Analysis and Plan formulation process. By. Zachariah Maleche, 2001.
48. Regional Development in Africa: Concepts Issues and Approaches. Paper prepared and presented for the Fifth Africa Training Course on Local and Regional Development Planning, Nairobi. Feb, 2003 organized by the United Nations Centre for Regional Development UNCRD, Africa office, Nairobi. By Zachariah Maleche, 2003.
49. Framework for Sustainable Infrastructure Development. Paper Prepared and Presented at the 9th Africa Training Course on Local and Regional Development Planning and Management, at the Africa Institute for Capacity Development (AICAD) Juja, Kenya. Organized by United Nations for Centre for Regional Development. (UNCRD) Africa Office, Nairobi,. By Zachariah Maleche, 2004.
50. Regional Planning Process, Paper presented at the 9th Africa Training Course on Local and Regional Development Planning and Management at AICAD, Nairobi, Kenya, Under UNCRD Africa Office Nairobi, By. Zachariah Maleche, 2004.

H. PUBLIC LECTURES:

1. The Urban and Regional Development problems and Policies in Kenya: Organised by the Royal Swedish Embassy at the Kenya Science Teachers' College, for Swedish University

Students on Voluntary Service in Kenya, October 1972; by Z. Maleche and M. Mattingby.

2. Physical Planning and the Housing Problems in Kenya: At the Adult Studies Centre, Kikuyu, for Social Workers, in October 1972.
3. Urban Development Policies in Kenya and Mapping for District Planning: For District Development Officers at the Adult Studies Centre, Kikuyu 1972.
4. The Preparation of a National Development Plan: For Postgraduate Diploma Students in the Department of Urban and Regional Planning, University of Nairobi, November 1972.
5. The Preparation for the National Physical Development Study and the Administrative Machinery Necessary for Effective Regional Planning in Kenya: For Postgraduate planning Students and Government Officers attending a Workshop on Resource Management and Regional Planning; Organized by the Department of Urban and Regional Planning, University of Nairobi, 1973.

I EXPERIENCE IN THE ARCHITECTURAL ASSOCIATION OF KENYA:

- | | |
|-------------|---|
| 1974 | Elected Corporate Member of the Architectural Association of Kenya in the Town Planning Chapter. |
| 1973 - 1974 | <ol style="list-style-type: none">1. Chairman of Panel of Tutors appointed to Co-ordinate practical office training programmes for student members of the Town Planning Chapter.2. Member of Examination panel for Final Planning Practice Examinations for the Town Planning Chapter. |
| 1976 - 1979 | <ol style="list-style-type: none">1. Elected Member of the Governing Council of the A.A.K.2. Member of the Town Planning Chapter Committee.3. Chairman of Special Sub-Committee of the town planning Chapter appointed to recommend ways and means of |

improving planning practice training and planners in Kenya.

1978 - 1979 Chairman, Town Planning Chapter of the Architectural Association of Kenya.

1980 -Present Served on many occasions as member of the Examination panel for the AAK Town Planning Chapter's Final Professional Practice Examinations.

J. WORK WITH NATIONAL EXAMINATION COUNCIL:

1981-1989 Examiner for the "A" Level Geography Paper 3.

Present: Examiner In-Charge on my own for the Higher National Diploma in Surveying for the following papers:-

- Environment and Physical Planning
- Management

K. COMMUNITY WORK:

1992 - 1995 Member of St. Peters Methodist Nursery School Management Committee as a PTA representative.

1992 - 1993 Chairman, Task Force set up to Review the Terms and Conditions of service for the Nursery School Staff.

Oct/Nov 1995 Member of the Mariakani Christian Centre Council, serving on the Executive Committee, the Finance Committee, and the projects Committee of the Council as well.

June/July 1996 Chairman, the Mariakani Nursery School Management Review Committee

Nov. 1996 Chairman, Mariakani Christian Centre Council.

L

OTHER AFFILIATIONS:

1995

Chairman, CBD (Networks) Kenya, A registered NGO for Community Based Development Research and Development.

M.

INTERESTS

Planning theory and methodology

History of planning traditions and practices

Policy development and analysis

Regional Planning and Analysis

Urban Planning and Management

Environmental planning and Management

The Role of the Community in planning and development.

Planning institutions.