

ECONOMETRICS ASSOCIATION OF KENYA

RESEARCH METHODOLOGY AND REPORT WRITING SKILLS WORKSHOP

19 April - 22 APRIL, 2022

26 APRIL - 29 APRIL, 2022

Venue: Virtual

Charges: EAK Members – Free; Non-member - Ksh. 1000.

TIME	ACTIVITY
DAY 1: TUESDAY, 19th April, 2022 PART I: INTRODUCTION TO RESEARCH WRITING	
1400-1405 hours	Welcome Remarks (Head of Program committee - Ms. Peris Wachira)
1405 - 1410 hours	Overview of Programme, General Objectives and Expectations (Head of Research committee – Ms. Idah Kinya)
1415 - 1500 hours	<u>Session 1:</u> Introduction to Research Methods: Definitions, types of research and related concepts, Quantitative Vs Qualitative Research (Prof Nelson Wawire)
1505 - 1600 hours	<u>Session 2:</u> Designing and Developing a Research Proposal: Introduction of Key elements and concepts (Prof Nelson Wawire)
DAY 2: WEDNESDAY, 20th April, 2022: PART II: RESEARCH METHODOLOGY	
TIME	ACTIVITY
1400 - 1500 hours	<u>Session 3:</u> Problem identification and formulating the Research Question(s)/Objective(s) and Hypothesis. (Dr George Kosembei)
1505 - 1600 hours	<u>Session 4:</u> Choosing the Research Design and Methodology: Pros and Cons of various methods (Dr George Kosembei)

DAY 3: THURSDAY 21 st April, 2022: PART III: LITERATURE REVIEW AND THEORETICAL FRAMEWORK	
TIME	ACTIVITY
1405 - 1500 hours	<u>Session 5:</u> Conducting and Presenting the Literature Review (Dr Isaac Kimunio)
1505-1600 hours	<u>Session 6:</u> Designing Theoretical Framework: Methods, field operations, Tools, Sources, Processing (Dr Angelica Njuguna)

DAY 4: FRIDAY, 22 nd APRIL, 2022: PART IV: DATA COLLECTION AND MANAGEMENT	
TIME	ACTIVITY
1405 - 1500 hours	<u>Session 7:</u> Data Collection, Management, and Types of Data (Dr Aflonia Mbuthia)
1505 - 1600 hours	<u>Session 8:</u> Introduction to STATA (Mr John Mburu)

DAY 5: TUESDAY, 26 th APRIL, 2022: PART V: DATA ANALYSIS I	
TIME	ACTIVITY
1405 - 1500 hours	<u>Session 9:</u> Review of Regression Analysis I (Dr Angelica Njuguna)
1505 - 1600 hours	<u>Session 10:</u> Review of Regression Analysis II [Computer Applications] (Dr Angelica Njuguna)

Day 6: WEDNESDAY, 27 th APRIL, 2022: PART VI: DATA ANALYSIS II	
TIME	ACTIVITY
1405 - 1500 hours	<u>Session 11:</u> Introduction to Time Series Analysis I (Dr Angelica Njuguna)
1505 - 1600 hours	<u>Session 12:</u> Introduction to Time Series Analysis II [Computer Applications] (Dr. Angelica Njuguna)

DAY 7: THURSDAY, 28th APRIL, 2022: PART VII: DATA ANALYSIS III

TIME	ACTIVITY
1405 - 1500 hours	<u>Session 13:</u> Introduction to Panel Data Models I (Dr Angelica Njuguna)
1505 - 1600 hours	<u>Session 14:</u> Introduction to Panel Data Models II [Computer Applications] (Dr Angelica Njuguna)

DAY 8: FRIDAY, 29th APRIL, 2022: PART VIII: IMPACT EVALUATION

TIME	ACTIVITY
1405 - 1500 hours	<u>Session 15:</u> Introduction to Impact Evaluation Models I (Dr Angelica Njuguna)
1505 - 1600 hours	<u>Session 16:</u> Introduction to Impact Evaluation Models II [Computer Applications] (Dr Angelica Njuguna)

RESOURCE PERSONS

1. Prof Nelson Wawire

Prof. Wawire holds a PhD (Economics), MA (Economics) and Bachelor of Education (Economics and Business Studies). He has over 19 years experience in teaching, research and consultancy work with a concentration on Macroeconomics, Public Sector Economics, Research Methods, Project Planning, Implementation and Management, Project Monitoring and Evaluation. Prof. Wawire provides high level policy training, review, advisory and technical facilitation and training support to Kenyatta University and other organizations such as AERC, Government and academia. Prof. Wawire has consulted/researched for international organizations such as UNCRD, The World Bank, OSSREA, AERC, UNESCO, AfDB (African Development Bank), Barclays Bank of Kenya Limited and local ones such as IPAR and KIPPRA. He has been a co-editor for various International Journals. A reviewer for the research papers and research proposals submitted for publication to African Economic Research Consortium (AERC) and the Institute of Policy Analysis and Research (IPAR). He is a resource person at the AERC Joint Facility for Electives (JFE) and offers consultant services in matters related to comprehensive examinations and syllabuses. Prof. Wawire has been involved reviewing and developing degree programmes at Kenyatta University and AERC

In research, teaching, consultancy and development officer (Ministry of Planning and National Development) career, Prof. Wawire has become highly conversant with a wide range of issues on: gender and development, the working of fiscal policy, monetary policy, poverty; income inequalities; economic development; human capital. He has carried out research and published articles and books on a wide range of topics and themes including research on women projects in Kenya. He has supervised over 8 Ph.D in Economics theses and many masters theses.

2. Dr Angelica Njuguna

Has been for many years involved in policy and economic research, teaching and training African researchers for capacity building in Africa. Has written and co-authored several research, technical and policy papers in the area of economics such as growth, productivity, economic diversification, economic convergence, potential output and output gap, economic policies and regional integration. These works were published in refereed international academic journals and some in forms of discussion papers and cited widely. In terms of teaching and capacity building, one of my main achievements is the development of the curriculum for Masters in Econometrics degree at Kenyatta University, where she is currently serving as a Senior Lecturer. Often conducts training in econometrics, research methods and computer applications which participants comprised of middle managers and policymakers from Ministries of Finance & Planning, Central Banks, and African Research Institutions (such KIPPRA and UNECA). Also teaches and trains post-graduate students both from Kenya (Kenyatta University) and other African countries both PhD and masters students in Econometrics theory and practice through my involvement in the African Economic Research Consortium (AERC) training program. Is actively involved in peer reviewing of research papers and policy strategy documents from various African institutions such as MEFMI, ADB and AERC.

3. Dr George Kisombe

Dr. George Kosimbei holds a PhD in Economics from Kenyatta University, Nairobi, Kenya. He has substantial experience in teaching, research and consultancy, having joined KU as a Tutorial Fellow in 2003. He is also a holder of MA (Economics) and BA (Economics) -First Class Honours both from Kenyatta University. He has previously worked with the Kenya Institute for Public Policy Research and Analysis (KIPPRA) as a Young Professional and also as an Analyst. He was also attached to the Child and Newborn Health Group, Kenya Medical Research Institute- Wellcome Trust Collaborative Programme, (KEMRI/WT) Nairobi Unit.

Dr. Kosimbei has received training in Economic Evaluation from the London School of Hygiene and Tropical Medicine (UK) and Health Technology Assessment (HTA) from KEMRI Wellcome Trust and HITAP. His major interests revolve around costing of health interventions, advanced macroeconomics, and health economics. He was recently involved in the curriculum review for macroeconomics and health

economics taught under Africa Economic Research Consortium (AERC). Dr. Kosimbei is the Director of Innovation Incubation and University Industry Linkages. He is a member of Health Economics and Policy Network in Africa (HEPNet) and the International Health Economics Association (IHEA).

4. Dr Aflonia Mbutia

Dr. Aflonia N. Mbutia hold a PhD in financial economics from Kenyatta University. Currently, she is a lecturer at Kenyatta University, Department of econometrics and Statistics. Her research interest includes financial sector deepening, economics of the informal sector, poverty and inequality.

5. Dr Isaac Kinuthia

Dr. Isaac Kimunio lectures in the School of Economics, Kenyatta University. Dr. Isaac Kimunio is also a researcher in Theme 3, namely; "Violence, Crisis and Women's Work" for Bill & Melinda Gates Foundation (BMGF) project at the Kenyatta University Women Economic Empowerment Hub. He holds a PhD in Economics, specializing in monetary economics from Kenyatta University. Isaac has a strong desire for research and teaching and his research interests are on monetary, financial economics and econometrics. Isaac is also a member of The Econometrics Association of Kenya (EAK) where he is the head of research. Isaac's work experience includes having worked with Barclays Bank of Kenya for more than five years in various departments. He has also worked as a trainer of trainers with the Kenya National Bureau of Statistics and with Mukuru Slums Development Projects (MSDP). At MSDP, he worked on a project funded by OXFAM UK using mobile money transfer to help the urban poor.

6. Mr John Mburu

Mr. John Mburu works at IDinsight as a senior associate. Prior to IDinsight, John worked as research fellow at EGCL Institute and as a part-time lecturer at Kenyatta university, where he gained experience in research and public policy. John holds a Masters' degree in Econometrics from Kenyatta University and is currently pursuing a Ph.D. in Economics. He also has several working papers on areas of gender inequality and public finance. He is the current chairperson of Econometrics Association of Kenya.