

CURRICULUM VITAE



James Biriiah Ndiso

A. BIODATA

Nationality: Kenyan
Date of birth: 30th October 1960
Marital status: Married
Private address: P.O. Box 115 - 80108, Kilifi, Kenya
Official address: Pwani University, P.O. Box 195 - 80108, Kilifi
Telephone: +254-41-7525102/3/4
Fax: +254-41-7522128
Mobile: +254 720785791
E-mail: j.ndiso@yahoo.com, james.ndiso@gmail.com or j.ndiso@pu.ac.ke

B. ACADEMIC QUALIFICATIONS

University Education

| Degree/Diploma Conferred | Institution Attended and Year of Completion |
|--|--|
| PhD Agronomy Student | University of Nairobi, soon to graduate |
| MSc. Agronomy, Dry-land Farming Option | Egerton University, Njoro, Kenya. 2009 |
| BSc. Agriculture, 2 nd Class Upper Division | University of Eastern Africa, Baraton. Eldoret, Kenya 1997 |
| Diploma in Animal Husbandry | Egerton College, Njoro, Kenya. 1986 |

School Education

| Level | Certificate Awarded | Year | School | Sports |
|-------------------------|--|-------------|--|----------------------------------|
| High School Certificate | Kenya Advanced Certificate Education | 1981 | Njumbi High School, Box 63 – 80108. Gikoe, Murang’a, Kenya. | School Volleyball Player |
| Secondary Certificate | East African Certificate of Education (EACE) | 1979 | St Marys High School, Lushangonyi. Box 1010 - 80108. Wundanyi, Taita, Kenya. | School Basketball Team player |
| Primary Certificate | Certificate of Primary Education (CPE) | 1975 | Majaoni Primary School, Box 5-80108. Kilifi, Kenya | School Football Team Goal Keeper |

Certificates from Short Courses

| |
|--|
| <ol style="list-style-type: none"> 1. “Workshop in Bioethics”. Organized by University of Nairobi and Kenya Aids Vaccine Initiative. Held at Travelers Lodge, Mombasa as from 1st to 3rd October 2014. 2. Critical Appraisal of Research Proposal Training Workshop. Held at Silver Spring Hotel, Nairobi Kenya from 16th – 20th June 2014. 3. “Workshop in Bioethics”. Organized by University of Nairobi and Kenya Aids Vaccine Initiative. Held at Travelers Lodge, Mombasa as from 6th to 8th August 2012. 4. Departmental Representative Training Workshop on HIV/AIDS. Organized by Pwani University College HIV/AIDS Control Unit as from 29th to 30th September 2011. 5. “Capacity Building: Higher Education and Corporate Social Responsibility” Workshop. Theme: Good Governance. Organized by Max-Plank-Institute for Foreign and International Social Law and Pwani University College, Kilifi, Kenya. June 25th, 2011. 6. “Capacity Building: Higher Education and Corporate Social Responsibility” Workshop. Theme: The UN Convention on Rights of persons with Disabilities. Organized by Max-Plank-Institute for Foreign and International Social Law and Pwani University College, Kilifi, Kenya. June 20th, 2011. 7. Conference on “Impact of Social Change: UN Convention on the Rights of Persons with Disabilities (UNCRPD) as a Trigger?” Held at the Pwani University College, Kilifi, Kenya June 16th – 17th 2011. |
|--|

8. “Capacity Building: Higher Education and Corporate Social Responsibility” Workshop. **Theme: Quality Management in Higher Education.** Organized by Max-Planck-Institute for Foreign and International Social Law and Pwani University College, Kilifi, Kenya. June 15th, 2011.
9. Workshop on “Scientific Communications and Publishing” – Held at University of Nairobi, Kenya, 4th to 8th April 2011. Organized by Training Centre in Communication (TCC) University of Nairobi.
10. **Pedagogical Skills Training -2010, Module II**, held at Pwani University College, Resource Centre, from the 6th of August, 2010 to the 7th of August 2010.
11. **Pedagogical Skills Training -2010, Module I**, held at Pwani University College, Resource Centre, from the 16th of April, 2010 to the 17th of April 2010.
12. **Strategic Planning, Project Cycle Management, Monitoring and Evaluation and Proposal Writing Course** - 3 weeks, (13th Oct to 2nd Nov 2008). At Embu Agricultural Staff Training (EAST) College. Embu.
13. **Course on Guidance and Counseling Skills.** Agricultural Information Resource Centre, Nairobi. 5th to 9th February 2007.
14. **Course on Curriculum Development and Review** held at Kilifi Institute of Agriculture as from 22nd to 24th January 2007. Organized by Egerton University and Kilifi Institute of Agriculture.
15. **Induction Course on Egerton University Collaboration in Kilifi Institute of Agriculture.** Held at Kilifi Institute of Agriculture as from 17th to 18th August 2005
16. **Community Health Education.** TOT LEVEL TWO. Organized by Full Gospel Churches of Kenya Development Projects (Street Children Program) as from 12th to 16th July 2004
17. **Small Business Management Course.** Organized by Kenya Institute of Business Training at Kilifi Institute of Agriculture as from 24th to 28th May 2004.
18. **Community Health Education.** TOT LEVEL ONE. Organized by Full Gospel Churches of Kenya Development Projects (Street Children Program) as from 1st to 5th March 2004.
19. **Training of Trainers Course.** Organized by Matuga Development Institute. Held at Kilifi Institute of Agriculture as from 13th to 24th May 2002.
20. **Workshop on Short Course Programmes.** Organized by the Ministry of Agriculture. Held at Kilifi Institute of Agriculture as from 5th to 6th December 2000.
21. **Audio-Visual Aids and Other Teaching Methodologies Workshop.** Held at Kilifi Institute of Agriculture as from 14th to 18th February 2000.
22. Induction Course on Teaching Methods. Organized by the Ministry of Agriculture. Held at Kilifi Institute of Agriculture as from 12th to 14th August 1993.

23. Workshop on Integration of Population Education into the Agricultural Extension Services. 3 weeks. As from 3rd to 20th May 1992

24. Workshop on Training of Trainers. Organized by Government Training Institute, Mombasa as from 2nd to 8th June 1991.

C. WORK EXPERIENCE

Teaching Career in Secondary School and Tertiary Institutions

1982 -1983: Untrained Teacher. Teaching Biology From form 1 to 4; Chemistry forms 2 and 3; and Mathematics forms 1 and 2 at Chumani Secondary School, Box 192 – 80108 Kilifi, Kenya.

1987 – 2007: Lecturer. Teaching animal production units in Kilifi Institute of Agriculture the before was converted to Pwani University College 23rd August 2007.

University Teaching Career

2006 – 2007: Taught Four units to the Egerton University degree students who were studying at the former Kilifi Institute of Agriculture under the KIA- Egerton University MoU

2007 – 2008: Teaching Assistant, Agricultural Sciences, School of Pure and Applied Sciences, Pwani University College, Kilifi, Kenya

2009 – 2012: Assistant Lecturer, Crop Sciences Department, School of Agricultural and Environmental Sciences, Pwani University College, Kilifi, Kenya.

2013 – Date: Assistant Lecturer, Crop Sciences Department, School of Agricultural and Environmental Sciences, Pwani University, Kilifi, Kenya.

D. PROFESSIONAL AND ADMINISTRATIVE APPOINTMENTS

Present Professional Appointment

Lecturer Crop Sciences Department, School of Agricultural and Environmental Sciences
2009

Area of Specialization – Agronomy dryland farming

Appointments to University Committees

1. Member Pwani University Proposal Writing Workshop Committee 2015 to Date
2. Acting Chairman Pwani University Ethics Review Committee August 2014 to Date.
3. Research Coordinator – Department of Crop Sciences 2014 to Date
4. Secretariat to Pwani University Ethics Review Committee – 2011 to Date
5. Member Adhoc Committee for development of Staff Development and Training Policy - 2012
6. Secretariat to Pwani University Research Board (PURB) 2010 to 2014
7. Secretariat to the PUC Deans Committee 2009 – 2012
8. Secretariat to the Pwani University College Research Policy Committee – 2009
9. Secretariat to the Pwani University College Gender Committee - 2009
10. Secretariat to the Pwani University College Disability Mainstreaming Committee – 2009
11. Member Alcohol and Drug Abuse Policy Committee – 2009

E. DEVELOPMENT OF UNIVERSITY MOUS WITH OTHER INSTITUTIONS

Participated in developing the MoUs between Pwani University and:

1. Technical University of Munich (TUM)
2. Kenya Agricultural Research Institute (KARI)
3. Kenya Coconut Development Authority (KCDA)

F. APPOINTMENT TO REPRESENT THE UNIVERISYT IN NATIONAL PROJECTS

1. Kilifi County Coconut Festival Committee for 21st March 2015
2. National Drought Management Authority (NDMA) Kilifi County 2014 to Date
3. Agricultural Sector Development Support Programme (ASDSP), Kilifi County as from 25th May 2013 to Date.

G. PUBLICATIONS

Textbook

James Ndiso. 2014. Characterization of local coastal maize landraces in Kenya. Lambert Academic Publishers.

ISBN-13: **978-3-659-61465-1**

ISBN-10: 3659614653

EAN: 9783659614651

Book language: English

Blurb/Shorttext: The book is a summary of the morphological characterization, phenotypic diversity, drought tolerance, storage pest resistance and the correlation between the morphological traits, drought resistant and storage pest resistance in local coastal maize landraces in Kenya. The book gives some of the merits the coastal maize landraces have which have made the local farmers in the region to stick their local maize landraces despite the many improved varieties which have been recommended for the region. Plant breeders could take advantage of the very good traits in local coastal maize landraces to develop hybrids. Topic outline: 1. Morphological Characterization; 2. Biodiversity of local coastal maize landraces; 3. Drought tolerance of local maize landraces; 4. Resistance of storage pest of local maize landraces and 5. Correlation between morphological and resistance to drought stress and resistance to storage pests.

Journals

1. **Ndiso, J. B; Mugo, S; Kibe, A. M; Pathak, R. P. 2013.** Phenotypic Diversity in local coastal Maize Landraces in Kenya, *International Journal of Agricultural Sciences* ISSN: 2167-0447 Vol. 3(10): 053 – 069.
2. **Ndiso, J. B; Kibe, A. M; Mugo, S; Pathak, R. P. 2012.** Influence of drought stress on growth, yield and yield components of selected maize genotypes in coastal lowland Kenya. *International Journal of Agricultural Sciences* ISSN: 2167-0447 Vol 2(6), pp, 178 – 185.
3. **Ndiso, J. B; Kibe, A. M; Mugo, S; Pathak, R. S; Likhayo, P. 2008.** Screening Kenyan Coastal Maize Landraces for Drought Stress Tolerance and Storage Pest Resistance. *Egerton, Journal of Science and Technology*. 8: 10 - 28.

Conference Proceedings

1. Ndiso, J.B., Mugo, S., Kibe, A.M. and Pathak. 2011. Influence of drought stress on growth, yield and yield components of selected maize genotypes in coastal lowland Kenya. Proceedings of 2011 JKUAT Scientific, Technological and Industrial Conference. Jomo Kenyatta University of Agriculture and Technology, Nairobi, Kenya. 16th – 18th November 2011. ISBN 9966-923-28-4

4. **Ndiso, J. B. Kibe, A. M. Pathak, R. S. and Mugo, S. 2008.** Phenotypic Diversity for Morphological traits in Kenyan Local Coastal Maize Landraces. Insect Resistant Maize for Africa (IRMA) Project. IRMA Project End of Phase II Conference. “Consolidating Experiences from IRMA I and II: Achievements, Lessons and Prospects” 28 – 30 October 2008.
5. **Ndiso, J. B. Kibe, A. M. Pathak, R. S. and Mugo, S. 2008.** Phenotypic Characterization of Kenya Local Coastal Maize Landraces. Insect Resistant Maize for Africa (IRMA) Project. IRMA Project End of Phase II Conference. “Consolidating Experiences from IRMA I and II: Achievements, Lessons and Prospects” 28 – 30 October 2008.
6. **Ndiso, J. B; Mugo, S; Kibe, A. M; Pathak, R. S; Likhayo, P. 2007.** Characterization for Phenotypic Drought Tolerance and Resistance to Storage Pests in Local Coastal Maize Landraces in Kenya. *African Crop Science Conference Proceedings* Vol. 8: 245 – 250.

H. RESEARCH

Scholarship, Awards and Grant for Research

1. International Maize and Wheat Improvement Centre (CIMMYT) Kenya 2005 – 2006
2. Pwani University Research Board 2011 – 2012
3. National Commission of Science, Technology and Innovation 2011 - 2013

I. PROFESSIONAL SOCIETIES

1. Member of the Kenya Society for Agricultural Professionals (KESAP)
2. Member of the African Crop Science Society

J.COMMUNITY RESPONSIBILITIES

1. Member of the Regional Board of the Fellowship of Christian Union Students (FOCUS), Coast Region.
2. Patron, Pwani University Christian Union Fellowship
3. Deacon, Kilifi City Church, Mission of Pentecostal Assemblies of God.
4. Secretary to Alaloni – Think Tank for Tezo location, Bahari Division, Kilifi County.

K. REFEREES

1. Prof. G. Chemining'wa
Chairman Department of Plant Sciences and Crop Protection
University of Nairobi
Box 29023 – 00625
Kangemi, Nairobi.
2. Stephen Ngure Mugo, Ph.D.
Principal Scientist / Maize Breeder
CIMMYT Global Maize Program, International Maize and Wheat Improvement
Center (CIMMYT, Kenya)
3. Prof. C. M. Mlewa
Dean School of Graduate Studies
Pwani University
Box 195 – 80108
Kilifi, Kenya
4. Dr. H. M. Saha
Registrar Research and Extension
Pwani University
Box 195 – 80108
Kilifi, Kenya