

**NAME: JOHN A. F. OBIRI**

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### ***1. PROFESSIONAL PROFILE***

A professional with over two decades of experiences in the management of research and development interventions. Been involved in leadership and coordination of natural resources, conflict and disaster management, environmental management systems (e.g. EIA, EA, & SEA), sustainable development and multi-lateral development partnerships. Selected achievements include:

- **Developed and successfully implemented multiple environmental and land conservation research programmes in East Africa** concerning the areas of restoration of degraded forest landscapes in Tanzania, Kenya and South Africa.
- **Consulted on numerous Government and Non-Governmental Projects** in the areas of Natural Resource Management, Conflict and Disaster Risk Management, Sustainable Development, Environmental Impact Assessment, Environmental Audit, Strategic Environmental and Social Management, Forestry and agricultural Resource Economics in South Africa, Tanzania Uganda & Kenya.
- **Previously involved in leadership and management** of governmental departments (e.g. KEFRI) and university institutions in UK, Tanzania and South Africa
- **Trained and Practising Auditor in ISO 9001/2015** international quality management standards. Audited various tertiary institutes department on quality management of human resource, academic procedures, finances and procurement.
- **Lead Expert of Environmental Impact Assessment and Audits** accredited by NEMA and Environmental Institute of Kenya
- **Published over 30 editorials** in various global journals on environmental management, conflict and disaster risk studies and forestry.
- **Written book chapters, case studies and reports** on several topical issues touching on environmental and natural resource based conflicts, conservation, ecology and resource management in Africa
- **Editor and Reviewer** of various university books, international proceedings of conferences, symposium, journals and technical reports
- **Associate Professor of natural resource management with interests in conflict and disaster risk management and project management.** Holds university teaching experiences in three African countries (South Africa, Tanzania, Kenya) and the United Kingdom
- **Currently Director of Directorate of Postgraduate Studies** (Graduate School) at Masinde Muliro University of Science and Technology. Previously worked as Research Fellow at the University of Wales, Bangor (UK) and Programme Coordinator for University of Natal in South Africa and Visiting Lecturer at Sokoine University of Agriculture in Tanzania.

## 2. EDUCATION BACKGROUND

University of Natal (PMB-South Africa)	Ph.D	2002
University of Natal (PMB-South Africa)	MSc.	1997
University of Natal (Durban-South Africa)	BSc. (Hons)	1995
University of Nairobi (Kenya)	BSc. (Hons)	1988

## 3. EMPLOYMENT RECORD

### a) Masinde Muliro University of Science & Technology (MMUST)

*Director - The Directorate of Postgraduate School.* [2017 to date]

*Chairman - Development of Disaster Management & Sustainable* [2014 to 2016].

### b) Nature and Development Africa (Kenya) –[2006 to 2007]

### c) University of Wales, Bangor (United Kingdom) - [2002 to 2006]

### d) University of Natal, Centre of Environment & Development (South Africa)- [1997 to 1998]

### e) Kenya Forestry Research Institute (KEFRI) [1989 to 1995]

## 4. CURRENT RESEARCH AWARDS WON

(a) Newton - Utafiti Fund - Trilateral Researchers Linkage award winner 2017. A British Council award that enhances research capacity and linkages between Kenya, South Africa and UK universities.

(b) Global Challenge Research Fund of the Research Councils of UK award winner for 2017-2020. Enhance research ability and capacity among three universities in Africa and University of Southampton in the UK

## 5. UNIVERSITY TEACHING RESPONSIBILITIES

I teach core courses that include: *Environment Impact Assessment and Audit, Research Methods & Semina,r Environmental Health Water & Sanitation, Conflict and Disaster management, Biodiversity & ecology, Environmental Restoration,*

*Environmental Assessment, Post disaster Reconstruction, Disaster Risk Reduction & Institutional Frameworks, Disaster Theory and Practice, Environmental Pollution and Control and Community Development Technologies.*

Supervised 20 doctorate and Masters students.

## **6. PROFESSIONAL BODY REGISTRATION AND MEMBERSHIP**

- a) Association of Disaster Management and Conflict Resolution of Kenya (ADMCRK)
- b) Environmental Institute of Kenya (EIK)
- c) National Environmental Management Authority of Kenya (NEMA). Registered and accredited Lead Expert in Environmental Impact Assessments (EIA)
- d) Disaster Managers and Disaster Management Professional Group
- e) Adaptability – Climate Adaption Network
- f) Kenya Forestry Society
- g) Agricultural Society of Kenya (ASK)
- h) British Ecological Society (BES)

## **7. BOOKS EDITED**

1. **Obiri J. F.**, Driver M.F., Onyekwelu J., Akpoko J., Ramasamwy B. and Yaye A., *Agricultural Risk Management in Africa – A contextualised manual for tertiary institutions and development practitioners* 2017. ANAFE Publisher, Nairobi; pp 327. ISBN 9290594047
2. **Obiri J..F**, Driver M.F., Onyekwelu J., Ramasamwy B. and Akpoko J.G and Yaye A. 2017. *Agribusiness in Africa – A contextualised manual for tertiary institutions and development*, ANAFE Publishers, pp 204. ISBN 9290594039.
3. **Obiri J.F.**, Kasolo W., Yaye A., Mwazemba J., Ochola, A. And Chakeredza S. *Agribusiness development and Managing Risk and Uncertainty in African Agriculture: The role of Tertiary Agricultural Education*. ANAFE Symposium held from 25-28 August 2014 in Yaounde Cameroon. Pp 485.
4. Nyawala, A., Onyango, M. Kabonga, G., Wepundi M. and **Obiri J.** (2011). In *The Invisible Violence: An opportunity of Peace Building. A Case Study of Nyanza, Rift Valley and Western Province* pp 136-156. Konrad Adenauer-Stiftung. Nairobi.

## **8. REFEREED JOURNAL ARTICLES PUBLISHED**

1. ONGEKO, K.O., MUGALAVAI, E.; and **OBIRI**, J.F. (2017). of Evaluation of Community Adaptation to Climate Change in Homa Bay County, Kenya. *International Journal of Scientific and Research Publications* 7(8):680-688.
2. RAKAMA S.O, **OBIRI, J.F.**, MUGALAVAI, E.M. (2017). Evaluation of land use change pattern of Kajulu-Riat hill peri-urban area near Kisumu City, Kenya. *International Journal of Scientific Research and Innovative Technology*. 4(7), 42-52.
3. RAKAMA, S.O., MUGALAVAI E.M. and **OBIRI**, J. F. (2017). An Evaluation of Conservation Strategies on Plant Biodiversity in a Peri-Urban Set-Up of Kajulu-Riat

- Hill, Kisumu City, Kenya International Journal of Scientific and Research Publications, 7(7):452-462.
4. KAWAWA, R. **OBIRI**, J. AND MUYEKHO, F. (2016). Allelopathic potential of invasive *Psidium guajava* L., against selected native tree species in Kakamega Tropical Forest, Western Kenya. *Journal of Pharmacy and Biological Sciences* 11(5):80-86
  5. OGECHA, P., **OBIRI**, J. and WAKHUNGU, J. 2016. Households' Water Uses from the Established Water Conservation Projects in Kitui County, Kenya. *International Journal of Thesis Projects and Dissertations* 4(3):60-70
  6. OGECHA, P., WAKHUNGU, J. and **OBIRI**, J. 2016. Established Water Conservation Projects in Kitui County, Kenya. *International Journal of Thesis Projects and Dissertations* 4(3):71-82.
  7. KAWAWA R. C. A., **OBIRI** J. F. & MUYEKHO F. N., OMAIYO, D., AGEVI, H., MWAURA, A., OBIET, L. KIMUTAI, D. & SIFUNA, A. (2016). The role of *Psidium guajava* L., seed bank as a strategy for its successful invasion of Kakamega rainforest, western Kenya. *Asian Journal of Basic and Applied Sciences*, 3 (2):1-6
  8. WABWOBA, M., WAKHUNGU, J.W., **OBIRI**, J. and LWEVO, E. (2015). Household Potential In Improving Food Security In Bungoma County, Kenya. *Journal of International Academic Research For Multidisciplinary*, 3(7):338-348.
  9. KEFA, N; WAKHUNGU, J. & **OBIRI**, J, (2015) Environmental Hazards In Peri-Urban Poultry Farming In Western Kenya *Asian Journal of Basic and Applied Sciences* 2(2) 74-83.
  10. KEFA, N; WAKHUNGU, J. & **OBIRI**, J, (2015) Manure Management Risks and Ownership of Peri-Urban Poultry Enterprises in Western Kenya *International Journal of Science and Research* 5 (1); 655-662.
  11. NGETICH J.K, OPATA, G.P., MWASI B, **OBIRI** J.A.F. & MELI J.K., (2015). Policies and strategies for tackling informal settlements: Lessons for Kenya. *Journal of Emerging Trends in Economics and Management Science*; 6(2):130-136.
  12. LUTTA V.O & **OBIRI** J. 2015. Cyber Crime a Rising Threat for Internet - Based Businesses in Western Region, Kenya *International Journal of Scientific & Engineering Research*, 6(3), Pgs 317-377.
  13. KORIR G. K & **OBIRI**, J 2015. The media's fundamental role of shaping environmentalism agenda. *International Journal of Advancements in Research & Technology*, 4 (2) pgs 87-99
  14. NYANDIKO, N.O., **OBIRI**, J. F & CHINA, S.S, 2013: Disaster risk reduction under Kenya's new Constitution. *A paper presented during International Disaster risk reduction and conflict Resolution conference held at Masinde Muliro University of Science and Technology* from 25th to 28th July 2012.

15. **OBIRI J. & KIOKO, J.** 2013. Household attitudes and knowledge on drinking water enhance water hazards In Peri-Urban communities in Western Kenya. *Journal of Disaster Risk Studies*,
16. **OBIRI, J.** 2011. Invading Acacias: an impending disaster in Mt Elgon Forest ecosystem. *International Journal of Disaster Management and Risk Reduction*, 3(3) 59-65.
17. **OBIRI J.** 2011. Invasive plants species and their disaster effects in dry tropical forests and rangelands of Kenya and Tanzania. *Journal of Disaster Risk Studies*,3(2) 417-428
18. **OBIRI, J. & LAWES, M.** 2004. Chance versus determinism in canopy gap regeneration in coastal scarp forest in South Africa. *Journal of Vegetation Science* 15: 539-547.
19. LAWES, M. & **OBIRI, J.** (2003). Using the spatial grain of regeneration to select harvestable tree species in subtropical forest. *Forest Ecology and management* 184:105-114.
20. LAWES, M. & **OBIRI, J.** (2003). Canopy gaps in sub-tropical forest: species richness is limited by size of the species pool and not by the number of available niches. *Journal of Tropical Ecology* 19: 549-556.
21. **OBIRI, J. & LAWES, M.** 2004. Community attitudes and perceptions toward conservation. In *The Use and Socio-economic Value of Indigenous Forests and Woodlands Resources in South Africa*. (M.J. Lawes, H.A.C. Eeley, C. Shackleton & B. Geach eds.) University of Natal Press.
22. **OBIRI, J. & LAWES, M.** 2002. Challenges and conflicts facing new forest policies in South Africa: Attitudes of forest users towards management of the coastal forests of Eastern Cape Province. *Environmental Conservation* 29 (4) 519-529.
23. **OBIRI, J., LAWES, M. & MUKOLWE, M.** 2002. The dynamics and sustainable use of high-value tree species of the coastal Pondoland forests of the Eastern Cape Province, South Africa. *Forest Ecology and Management* 166:131-148.
24. **OBIRI, J. & LAWES, M.** 2000. The sustainable use of timber and non-timber forest products: a case study of Umzimvubu District, Pondoland, South Africa. In: Seydack A., Vermeulen W and Vermeulen C. (Eds.) *Proceedings of the 2<sup>nd</sup> southern Africa symposium towards sustainable management based on scientific understanding of forests and woodland, September 1999*. pp. 322-331. Knysna, Department of Water Affairs and Forestry.
25. **OBIRI, J. ADDO, P. LEWIS, F. ADDAI-POKU, K.** 1996. Conflicts of the environment, jobs and labour unions *Track*: Oct/Nov Issue 1996.
26. **OBIRI J. GIATHI, G. & MASSAWE** 1994. The effect of Cypress aphid pest on

- cypress tree orchards in Kenya and Tanzania. *East African Agricultural and Forestry Journal* Vol.59 (3): 227-234.
27. **OBIRI, J.** 1994. Variation of the Cypress aphid pest attack on the cypress trees in East Africa. *Commonwealth Forestry Review* Vol.73 (232): 43-46.
  28. MWANZA E. & **OBIRI, J.** 1993. Performances of *Pinus caribaea* after inoculation with mycorrhizal fungi. *East African Agriculture and Forestry Journal* Vol.59:1-10.

## 9. BOOK CHAPTERS PUBLISHED

1. **OBIRI J., DRIVER F. & YAYÉ A.D. 2015.** Agricultural Risk Management: Introduction. In *Agricultural Risk Management in Africa*. Pp 1-15. Association for Agricultural Sciences (AISA) Publishers [ISBN 978-2-9551688-0-6].
2. **OBIRI, J.** and NYAMAI, D. **2015.** Environmental Services in Agroforestry Systems under changing climatic conditions. In *Agricultural Risk Management in Africa*. Pp 1-15. Association for Agricultural Sciences Publishers [ISBN 978-2-9551688-0-6].
3. OBADINA A., MUGALAVAI, E. **OBIRI, J.,** LATEEFAH O. and IFEOLUWA, O. **2015.** Vulnerability of fresh-cut vegetables and ornamental plants to climate change. In *Agricultural Risk Management in Africa*. Pp 1-15. Association for Agricultural Sciences (AISA) Publishers [ISBN 978-2-9551688-0-6].
4. TAIWO M., AUCHA, J., THOMPSON, N., CHIMBOMBI, E. and **OBIRI J. 2015** Setting up an agribusiness in Africa . In *Agribusiness in Africa*. Pp 1-20. Association for Agricultural Sciences (AISA) Publishers [ISBN 978-2-9551688-0-6].
5. **OBIRI, J. & WEPUNDI, M. 2011.** The invisible violence of Western Kenya. In *The Invisible Violence: An opportunity of Peace Building. A Case Study of Nyanza, Rift Valley and Western Province* pp 136-156. Konrad Adenauer-Stiftung. Nairobi.
6. **OBIRI, J., HEALEY, J. & HALL, J. 2010.** Composition, structure and regeneration of Miombo Forest at Kitulangalo, Tanzania. 109-122. In *Degraded Forests in Eastern Africa-management and restoration* (Eds.) Bongers, F. And Tenningkeit T. Earthscan Publishing. London; pp109-122.
7. **OBIRI, J., HEALEY, J. & HALL, J. 2010.** Degradation, species invasion and management responsibility in Tanzanian dry forests. In *Degraded Forests in Eastern Africa-management and restoration* (Eds.) Bongers, F. And Tenningkeit T. Earthscan Publishing. London; pp 305-322.1