



1. NAME: PROF. JULIUS KIPKEMBOI
2. POSITION: DEPUTY PRINCIPAL ACADEMIC AND STUDENTS AFFAIRS
3. BIOGRAPHY

Prof. Julius Kipkemboi is an Associate Professor at the Department of Biological and Agricultural Sciences, Kaimosi Friends University College. He holds a BSc in Botany/Zoology from Egerton University, Kenya, a Master of Science in Environmental Science and Technology from IHE Delft, The Netherlands and Ph.D. in Environmental Resources from UNESCO-IHE Institute for Water Education/Wageningen University, The Netherlands. Currently, he is the Deputy Principal Academic and Students Affairs. Previously he has served in various teaching and administrative positions at Egerton University. Currently serving as a member of the National Scientific and Ethics Committee at the National Commission for Science, Technology and Innovation in Kenya (NACOSTI). He is also the representative for Kenya at the UNESCO Executive Board. Prof. Kipkemboi has been involved in several local and international collaborative and multidisciplinary research projects. He has won scholarships and grants such as NFP fellowships, Marie Curie individual fellowship programme and International Foundation for Science grant. He has supervised and examined several undergraduate and postgraduate students and has contributed to global scientific knowledge platform through scientific publications. Apart from contributing to community activities such as Ecosystem rehabilitation and Science and Engineering fair for high schools in Rift valley among other activities, he is also a member of Eastern Africa Water Association, Society of Wetland Scientists, Bioethics Society of Kenya and Red-Cross Society of Kenya.

He holds various academic qualifications as follows:

- 2006: PhD in Environmental Resources, UNESCO-IHE Institute for Water Education/Wageningen University, The Netherlands
- 1999: MSc Environmental Science and Technology, International Institute for Hydraulics and Environmental Engineering (IHE), Delft, The Netherlands
- 1995: BSc (Botany/ Zoology option) Egerton University, Department of Zoology, Njoro Kenya
- **Other post graduate training courses**
- 2009: Certificate online course on constructed wetlands for wastewater treatment, UNESCO-IHE Institute for Water Education...
- 1997: Postgraduate Certificate Training in Limnology, Institute of Limnology, Mondsee, Austria.
- 1997: Certificate in Parasitology: Water as a source of diseases for Men and Animals, Institute of Parasitology, Academy of Sciences of the Czech Republic, Ceske Budejovice, Czech Republic
- 2007: UNESCO Ethics Teacher training, Egerton University
- 2015: UNESCO ToT for Ethics Teacher Training, UNESCO Paris
- 2018: Environmental Impact Assessment Course, Egerton University

He has served in various positions in University and at national and international levels as follows:

From	To	Position
Sept 2021	date	Deputy Principal Academic and Students Affairs, Kaimosi Friends University College
May 2021	Aug. 2021	Acting Deputy Vice Chancellor Academic and Students Affairs, Egerton University

2019	date	Representative of Kenya to UNESCO Executive Board
2019	2021	Director Examinations and Timetabling, Egerton University
2015	2019	Dean, Faculty of Science, Egerton University
2013	date	Associate Professor, Egerton University, Department of Biological Sciences
2009	2013	Senior Lecturer, Egerton University Department of Biological Sciences
2007	2019	Coordinator UNESCO Regional Centre for Documentation and Research on Bioethics/ UNESCO Chair Bioethics- Egerton University
2007	2008	Guest Lecturer for Wetland Ecology and Management for MSc students at the Faculty of Applied Sciences, National University of Rwanda 2007/2008.
2005	2009	Lecturer, Department of Zoology, Egerton University
2000	2005	Assistant Lecturer, Department of Zoology, Egerton University
1996	2000	Teaching Assistant, Department of Zoology, Egerton University

4. RESEARCH SUMMARY

a. Area of research interest

General and applied freshwater ecology, Wetland ecology and Management, Integrated production systems, Sustainable natural resource management, Climate change effects on ecosystems, Ecological modelling and environmental systems analysis, Water quality Monitoring and technologies, Socio-economics analysis and livelihoods assessment, Bioethics.

b. Completed projects

- Evaluating Existence Roles And Functions Of Hospital Ethics Committees In Selected Level Five Hospitals In Kenya- Funded by Kenya National Commission for UNESCO
- Mau Mara Serengeti Sustainable Water (MaMaSe) Initiative – Kingdom of The Netherlands
- Nile Ecosystems Valuation for wise-Use (Nile-Eco-VWU)-Funded by The Netherlands
- ECOLIVE PROJECT: The ecology of livelihoods in African papyrus wetlands: wetland conservation and utilization in the context of local and climate change funded by UPaRF- DGIS
- Maraflores Project: Environmental Flows for People and Ecosystems in the Mara River Basin funded by UPaRF- DGIS
- Fingerponds: Seasonal integrated aquaculture in East African freshwater wetlands, exploring their potential for wise use strategies. Funded by European Union.
- Comparative study of the Root mat structure and Biology of *Cyperus papyrus* (L.) and *Miscanthidium violaceum* (K.Schum.) Robyns. in relation to Nutrient Dynamics and Wastewater Treatment, Funded by Netherlands Fellowship Programme.
- Grants and Awards
- International Foundation for Science Research Grant for Young Scientists in Developing countries (2003-2006)
- UNESCO fellowship on Post Graduate Training in Limnology, Mondsee, Austria (1997).
- Netherlands Fellowship Programme (NFP), IHE Delft (1998-1999).
- Netherlands Fellowship Programme (NFP), Ph.D. (partial scholarship), UNESCO-IHE, Delft, The Netherlands (2001-2005).
- European Union Marie Currie Individual Fellowship Award, UNESCO-IHE, Delft, The Netherlands (2002-2003).

c. On-going projects

- Validating Climate-Smart Fish Culture Systems (CSFCS) for Increased Aquaculture Productivity and Livelihood Security in Kenya- Funded by KALRO/GOK/World bank
 - Real-time Environmental Monitoring Using Innovative Wireless Sensor Technology: Using Lake Nakuru as a case study- Funded by National Research Fund, Kenya
 - Real-time monitoring of water quality in River Njoro using innovative wireless sensor technology- Funded by Egerton University
- d. Up-coming projects
- Trans-Path-Plan: Water Transformation Pathways Planning
 - Regional Centre of Excellence for Action on Climate Change and Sustainable Development
 - Potable water from wastewater through nature based solution in Kericho Kenya

5. PUBLICATIONS

1. Hes, E. M. A., Yatoi, R., Laisser, S. L., Feyissa, A. K., Irvine, K., **Kipkemboi, J.**, & van Dam, A. A. The effect of seasonal flooding and livelihood activities on retention of nitrogen and phosphorus in *Cyperus papyrus* wetlands, the role of aboveground biomass. *Hydrobiologia*, 848, 4135-415. <https://doi.org/10.1007/s10750-021-04629-3>
2. Kosgei, J. Nasongo, S. , **Kipkemboi, J.** and Owuor-Okeyo, J, Land and Water Resources Planning and Management Options in Floodplain Wetlands in Nyando Basin, Kenya. *Journal of Environmental Protection*, 12, 1144-1160. doi: 10.4236/jep.2021.1212067. <https://doi.org/10.4236/jep.2021.1212067>
3. Khasisi D. Lukhabi K.D, Wairimu, M.A.& **Kipkemboi, J.** 2021. Assessment of performance of wastewater stabilization ponds using faecal indicator bacteria reduction efficiency in a tropical environment. *Afr.J.Bio.Sc.* 3(2), 16-26. <https://doi.org/10.33472/AFJBS.3.2.2021.16-26>
4. Owino C.N, Kitaka, N., **Kipkemboi J** and Ondiek R.A. (2020) Assessment of Greenhouse Gases Emission in smallholder rice paddies converted from Anyiko Wetland, Kenya. *Front. Environ. Sci.* <https://doi.org/10.3389/fenvs.2020.00080>
5. **Kipkemboi, J.**, Kariuki, S.T., & Kariuki, J.M. 2020. Wetlands: Highlights of Unique Features and Ecosystem Services with a Focus on Egerton University Botanic Garden. In: S.T. Kariuki (Ed.) *Egerton University Botanic Garden: A Model for Conservation, Teaching, Research and Recreation*. Media Document Supplies, Chuka, Kenya
6. Ondiek RA, Vuolo F, **Kipkemboi J**, Kitaka N, Lautsch E, Hein T and Schmid E (2020) Socio-Economic Determinants of Land Use/Cover Change in Wetlands in East Africa: A Case Study Analysis of the Anyiko Wetland, Kenya. *Front. Environ. Sci.* 7:207. <https://doi.org/10.3389/fenvs.2019.00207>
7. Mburu, C., **Kipkemboi, J.**, Kimwaga, R. 2019. Impact of substrate type, depth and retention time on organic matter removal in vertical subsurface flow constructed wetland mesocosms for treating slaughterhouse wastewater. *Physics and Chemistry of the Earth*, 114. <https://doi.org/10.1016/j.pce.2019.07.005>
8. Mawenzi, R., **Kipkemboi, J.**, Nderitu, D., Muhudhia S.O., Ongoto, J., Nyakundi, O. 2019. Hospital Ethics Committees in Kenya: a Situational Analysis of their Existence and Ethical Dilemmas in Selected Level Four to Six Hospitals. *Rev. Redbioética/UNESCO*, Año 10, 1 (19): 159 - 170 enero - junio 2019 Número especial: “Bioética desde el Sur” - ISSN 2077-9445 <https://en.unesco.org/sites/default/files/revistabioetica19.pdf>
9. van Dam. A.A. and **Kipkemboi, J.** 2016. Sustainable Use of Papyrus from Lake Victoria, Kenya. In C.M. Finlayson et al. (eds.), *The Wetland Book*, https://doi.org/10.1007/978-94-007-6172-8_207-1

10. **Kipkemboi, J** and van Dam. A.A. 2016. Papyrus Wetlands. In C.M. Finlayson et al. (eds.), *The Wetland Book*, https://doi.org/10.1007/978-94-007-6173-5_218-1
11. **Kipkemboi J.** 2016. Vascular plants in Eastern Africa Rift Valley saline wetlands. In: Michael Shargerl (Ed.) *Soda Lakes of East Africa*. Springer, Switzerland pp.285-293.
12. van Dam, A. A., **Kipkemboi J.**, Mazvimavi, D. and Irvine, K. 2014. A synthesis of past, current and future research for protection and management of papyrus (*Cyperus papyrus* L.) wetlands in Africa. *Wetlands Ecol Manage.* <https://doi.org/10.1007/s11273-013-9335-1>
13. Ssanyu GA., **J Kipkemboi**, JM Mathooko and J Balirwa. 2014. Variation of small-scale wetland fishery in relation to land use along Mpologoma riverine marsh in Eastern Uganda. *African Journal of Environmental Science and Technology*, Vol. 8(12) 716-729, <https://doi.org/10.5897/AJEST2014.1733>
14. Rongoei, P. J. **Kipkemboi, J.**, Kariuki, S. T. and van Dam, A. A. 2014. Effects of water depth and livelihood activities on plant species composition and diversity. *Wetlands Ecol Manage* (2014) 22:177-189 <https://doi.org/10.1007/s11273-013-9313-7>
15. Masese F. O., Kitaka, N., **Kipkemboi, J.**, Gettel, G.M., Irvine, K., and McClain, M.E., 2014. Macroinvertebrate functional feeding groups in Kenyan highland streams: evidence for a diverse shredder guild. *Freshwater science*. DOI: 10.1086/675681, 33(2):000–000. <https://www.journals.uchicago.edu/doi/10.1086/675681>
16. Frank O. Masese a, Nzula Kitaka , Julius Kipkemboi , Gretchen M. Gettel , Kenneth Irvine , Michael E. McClain. 2014. Litter processing and shredder distribution as indicators of riparian and catchment influences on ecological health of tropical streams . *Ecological Indicators*. <http://dx.doi.org/10.1016/j.ecolind.2014.05.032>
17. GA Ssanyu, **J Kipkemboi**, JM Mathooko& J Balirwa (2014). Response of endemic Clarias species' life history biometrics to land use around the papyrus dominated Mpologoma riverine wetland, Uganda, *African Journal of Aquatic Science*, 39:3, 249-261, <https://doi.org/10.2989/16085914.2014.946387>
18. GA Ssanyu, **J Kipkemboi**, JM Mathooko& J Balirwa (2014). Land-use impacts on small-scale Mpologoma wetland fishery, eastern Uganda: A socio-economic perspective. *Lakes and Reservoirs: Research and Management* 19: 280–292. <https://doi.org/10.1111/lre.12073>
19. Mathooko J.M and **Kipkemboi J.K.** 2013. Bioethics: African Perspectives. H.A.M.J. ten Have, B. Gordijn (eds.), *Compendium and Atlas of Global Bioethics*, DOI 10.1007/978-94-007-2512-6_81, # Springer Science+Business Media Dordrecht 2013, https://doi.org/10.1007/978-94-007-2512-6_81
20. Chima S.C, Mduluz T., **Kipkemboi J.** 2013. Viewpoint discrimination and contestation of ideas on its merits, leadership and organizational ethics: expanding the African bioethics agenda. *BMC Medical Ethics* 2013, 14(Suppl 1):S1 <http://www.biomedcentral.com/1472-6939/14/S1/S1>
21. P. J. K. Rongoei, **J. Kipkemboi**, J. B. Okeyo-Owuor and A. A. van Dam. 2013. Ecosystem services and drivers of change in Nyando floodplain wetland, Kenya. Vol. 7(5), pp. 274-291, DOI: 10.5897/AJEST12.224. <http://www.academicjournals.org/AJEST>
22. Patrick Oduor Orwa, P.O., Raburu, P.O., **Kipkemboi, J.**, Rongoei, P., Okeyo-Owuor, J.B. and Omari, S. 2013. Use of macroinvertebrate assemblage to assess the ecological integrity of Nyando Wetlands, Kenya. *Journal of Ecology and the Natural Environment*. Vol. 5(7), pp. 152-164, DOI: 10.5897/JENE12.080 ISSN 2006-9847. <http://www.academicjournals.org/JENE>
23. **Kipkemboi, J** & Naanyu, V . 2021. Research ethics and scientific innovation nexus: Unpacking the essentials, *Proceedings of the International Conference of Phytochemistry, Textile and Renewable Energy, 12th – 14th August 2020, Eldoret, Kenya (ICPTRE 2020)*- Conference proceedings accepted.
24. Mbao, E.O., Kitaka, N., Oduor , S.O, and **Kipkemboi, J.** 2013. Periphyton as Inorganic Pollution Indicators in Nyangores Tributary of the Mara River in Kenya. *International Journal of*

25. Van Dam A.A., **Kipkemboi J.**, Rahman M.M., Gettel G.M. 2013. Linking hydrology, ecosystem function, and livelihood outcomes in African papyrus wetlands using Bayesian network model. *Wetlands*. <https://doi.org/10.1007/s13157-013-0395-z>
26. Koech H.K., Ogendi, G.M., **Kipkemboi, J.** 2012. Status of Treated Slaughter-House Effluent and its Effects on the Physico-Chemical Characteristics of Surface Water in Kavuthi Stream, Dagoretti-Kenya. *Research Journal of Environmental and Earth Sciences* 4(8): 789-796.
27. Van Dam A.A., **Kipkemboi J.**, Zaal F., Okeyo-Owuor J.B. 2011. The ecology of livelihoods in African Papyrus wetlands. *Rev. Environ. Sci. Biotechnol.* DOI 10.1007/s11157-011-9255-6. <https://doi.org/10.1007/s11157-011-9255-6>
28. **Kipkemboi, J.** Luoga P., van Dam, A.A., and Denny P. 2010. Assessment of nutrient flows and sustainability in smallholder wetland- terrestrial farming systems at the shores of Lake Victoria, Kenya using Ecopath. *Eger. J. Sci. and Technol.* 10:58-84.
29. Kaggwa R.C., van Dam, A.A., **Kipkemboi, J.**, Denny P. 2010. Evaluation of nitrogen cycling and fish production in seasonal fishponds (Fingerponds) in Lake Victoria wetlands, East Africa using a dynamic simulation model. *Aquaculture Research* 41(1)74-90. <https://doi.org/10.1111/j.1365-2109.2010.02563.x>
30. Mathooko, J.M, M'erimba, C.M., **Kipkemboi, J.** Dobson, M. 2009. Conservation of highland streams in Kenya: the importance of the socio-economic dimension in conservation. *Freshwater Reviews: A Journal of the Freshwater Association* Vol. 2 issue 2: 153-165. <https://doi.org/10.1608/FRJ-2.2.3>
31. **Kipkemboi, J.**, Kilonzi, C.M., van Dam, A.A. et al. 2010. Enhancing the fish production potential of Lake Victoria papyrus wetlands, Kenya, using seasonal flood-dependent ponds. *Wetlands Ecol Manage* 18, 471–483 . <https://doi.org/10.1007/s11273-010-9180-4>
32. **Kipkemboi, J.**, van Dam, A.A., Mathooko, J.M., Denny, P. 2007. Hydrology and the functioning of seasonal wetland aquaculture-agriculture systems (fingerponds) at the shores of Lake Victoria, Kenya. *Aquacultural Engineering* 37: 202-214. <https://doi.org/10.1016/j.aquaeng.2007.06.004>
33. **Kipkemboi, J.**, van Dam, A.A., Ikiara, M.M., Denny, P. 2007. Integration of smallholder wetland aquaculture-agriculture systems (fingerponds) into riparian farming systems on the shores of Lake Victoria, Kenya: socio-economics and livelihoods. *The Geographical Journal*, vol. 173 <https://www.jstor.org/stable/30135836>
34. **Kipkemboi, J.**, van Dam, A.A., Denny, P. 2007 Environmental impact of seasonal integrated aquaculture ponds (fingerponds) in the Lake Victoria wetlands, Kenya: an assessment with the aid of Bayesian networks. *African Journal of Aquatic Science* vol. 32 (3): 219-234. <https://doi.org/10.2989/AJAS.2007.32.3.1.300>
35. Welcomme R.L., Brummett, R.E., Denny, P., Hasan, M.R., Kaggwa, R.C., **Kipkemboi, J.**, Mattson, N.S., Sugunan, V.V., Vass, K.K., 2006. Water management and wise use of wetlands: enhancing productivity. In: J.T.A Verhoeven, B. Beltman, R. Bobbink and D.F. Whingham (Eds) *Ecological Studies, Volume 190. Wetlands and Natural Resource Management*. Springer-Verlag Berlin Heidelberg. pp. 155-180. <https://www.worldfishcenter.org/content/water-management-and-wise-use-wetlands-enhancing-productivity>
36. **Kipkemboi, J.**, van Dam, A.A., Denny, P. 2006. Biophysical suitability of smallholder integrated aquaculture-agriculture systems (Fingerponds) in East Africa's Lake Victoria freshwater wetlands. *International Journal of Ecology and Environmental Sciences* 32(1): 78-83. https://www.researchgate.net/publication/237205826_Biophysical_Suitability_of_Smallholder_Integrated_Aquaculture-Agriculture_Systems_Fingerponds_in_East_Africa's_Lake_Victoria_Freshwater_Wetlands

37. **Kipkemboi, J.**, Mathooko, J.M., M'erimba, C.M., Mokaya, S. 2006. Population dynamics of water birds in wastewater lagoons in Njoro, Kenya. Egerton Journal: Science and Technology Series, Vol. VI. No. 1: 31-47.

38. **Kipkemboi, J.** 2006. Fingerponds: Seasonal integrated aquaculture in East African freshwater wetlands; exploring their potential for wise use strategies. PhD thesis UNESCO-IHE Institute for Water Education/Wageningen University, Taylor and Francis/Balkema, Leiden, The Netherlands, 165 pp. ISBN 0415416965, <https://edepot.wur.nl/16528>, <https://www.amazon.com/Fingerponds-Integrated-Aquaculture-Freshwater-strategies/dp/113842434X>

39. Denny, P., **Kipkemboi, J.**, Kaggwa, R., Lamtane, H. 2006. The potential of Fingerpond systems to increase food production from wetlands in Africa. International Journal of Ecology and Environmental Sciences, 32(1):41-47. https://www.researchgate.net/publication/228885233_The_potential_of_Fingerpond_systems_to_increase_food_production_from_wetlands_in_Africa

40. Denny, P., **Kipkemboi, J.**, Kaggwa, R., Lamtane, H. 2006. The potential of Fingerpond systems to increase food production from wetlands in Africa. International Journal of Ecology and Environmental Sciences, 32(1):41-47.

41. Van Dam, A.A., Kaggwa, R.C., **Kipkemboi, J.** 2005. Integrated pond aquaculture in Lake Victoria wetlands. In M.Halwart and A.A. van Dam (Ed.). Integrated irrigation and Aquaculture in West Africa: concepts, practices and potential. Food and Agriculture Organization of the United Nations (FAO), Rome, pp.129-133. <http://www.fao.org/3/a0444e/A0444E13.htm>

42. Pokorny, J., Prikryl, I., Faina, R., Kansime, F., Kaggwa, R.C, **Kipkemboi, J.**, Kitaka, N., Denny, P., Bailey, R., Lamtane, H., Mgaya, Y.D. 2005. Will fish pond management principles from the temperate zone work in tropical Fingerponds. In J. Vyamazal (ed.) Natural and constructed wetlands: Nutrients, Metals and Management. Buckhuys Publishers, Leiden, The Netherlands, pp. 382-399.

43. Mathooko, J.M., Mpawenayo, B., **Kipkemboi, J.K.**, M'erimba, C.M. 2005. Distributional patterns of diatoms and Limnodrilus oligochaetes in Kenyan dry streambed following the 1999 drought conditions. Internat. Rev. Hydrobiol. 90 (2): 185-200. <https://onlinelibrary.wiley.com/doi/pdf/10.1002/iroh.200310708>

44. Bailey, R., Kaggwa, R.C., **Kipkemboi, J.**, Lamtane, H. 2005. Fingerponds: an agrofsh-polyculture experiment in East Africa. Aquaculture News, Institute of Aquaculture, University of Stirling, Scotland, UK, pp.9-10.

45. **Kipkemboi, J.**, Kansime, F., Denny, P. 2002. The response of *Cyperus papyrus* (L.) and *Miscanthidium violaceum* (K. Schum.) Robyns to eutrophication in natural wetlands of Lake Victoria, Uganda. African Journal of Aquatic Science, 27:11-20. <https://doi.org/10.2989/16085914.2002.9626570>

a. Conference and seminars
2020

- Research ethics and scientific innovation nexus: Unpacking the essentials paper presented at the Joint International Conference on Phytochemistry, Textile and Renewable Energy for Sustainable Development. Theme: Advancing Science, Technology and Innovation for Industrial Growth on 11th - 15th August 2020, Sirikwa Hotel, Eldoret, Kenya paper presented by Julius Kipkemboi & Violet Naanyu
- African Regional Conference For National Bioethics Committees Pride Inn, Mombasa, 12-14th February 2020
- COVID-19 Bioethics Webinar for Eastern Africa Region, Theme: Managing Covid-19 pandemic within bioethics principles: A reflection of the current and future situation in the Eastern Africa Region. 13 May 2020 (10:00 – 11:30 EAT)

2019

- Moi Teaching And Referral Hospital (MTRH) Hospital Ethics Committee (HEC) Sensitization Workshop Held At MTRH Board Room From 1st-2nd October 2019

- Bioethics cafe Jointly with Bioethics Society of Kenya: Topic: (1) Bioethics discourse - Principles, Application and Infrastructure in Kenya, (2) Research ethics in Kenya - From Principles to Policy, Egerton University, 2nd November 2018

- Sensitization on Hospital Ethics Committees, functions, roles and responsibilities, Kenya School of Monetary Studies, Nairobi, 29th-30th October 2018.

- Regional Conference, SDGs and the Role of Ethics in SADC: Promoting Bioethics, Ethics Education and Research in Gaborone, Botswana, 17- 18 October 2017

- 6th Ethics, Human Rights and Medical Law Conference 10 June, Africa Health 2016: The Challenges of Corruption in ensuring Healthy Lives and Peaceful and Inclusive societies in Africa By J Kipkemboi

- 39th WEDC International Conference held at Kwame Nkrumah University of Science and Technology, Kumasi, Ghana on the 11th to 15th July 2016.

- Training of ETTC Trainers to be held at UNESCO Headquarters in Paris, France, 9 -13 February 2015

- Inception Workshop for the Ma Ma Se Water Initiative Programme, 27th January to 1st February 2014 at the Mara Serena and Seasons hotel in Narok

- Professional Training “TEEB For Water And Wetlands”, Kampala, Uganda, 25th -27th November 2013.

- 9th INTECOL Conference, Wetlands in a complex world, June 3-8, 2012, Orlando, FL, USA. Paper presented “Integration of ecological, hydrological and socio-economic data into a Bayesian Network model for the sustainable utilization of papyrus wetlands” by J. Kipkemboi and A.A van Dam.

- Workshop on sustainable water resources management for Mount Kenya Catchment, 13-14th September 2012, Sportsman’s Arms Hotel, Nanyuki, Kenya. “Paper presented “Constructed wetlands : background and potential contribution to sustainable water resource management” by J. Kipkemboi

- The 7th Egerton University International Conference And Expo: 26 - 28 September, 2012, ARC Hotel, Egerton University, Njoro, Kenya. Paper presented “A Bayesian network modelling approach for the integration of Eco hydrological and socio-economic data in Nyando wetland, Kenya “by J. Kipkemboi, Anne A. van Dam, M.M. Rahman, Patrick Khisa, Priscah J. Rongoei, Serena A. Nasongo.

2011

- Joint meeting of the Society of Wetland Scientists and Wetland Biogeochemistry Symposium 3rd -8th July 2011, Clarion Congress Hotel, Prague, Czech Republic. Paper presented “Linking wetland ecosystem functions to livelihoods and ecosystem health in African papyrus wetlands: from DPSIR framework to Bayesian Network by A.A. van Dam, J. Kipkemboi, M.M. Rahman, J.B. Okeyo-Owuor & A.F.M. Zaal.

- Trans-disciplinary framework for integrating ecohydrological and socio-economic data in Nyando wetland, J. Kipkemboi, Ecolive Project Annual, Workshop 2011, 23-25th May 2011-Kisumu Hotel.

2010

- The 5th Annual Research Week and International Conference Theme: Transformative Research for Sustainable Development 22nd – 24th September 2010, ARC Hotel, Egerton University, Njoro, Kenya. Paper presented “An assessment nutrient flows and sustainability in Smallholder wetland-terrestrial farming systems at the shores of Lake Victoria, Kenya by J. Kipkemboi, H.P. Luoga, A.A. van Dam, P. Denny.
- Training on fundamental principles of Bioethics and their application, KCB Leadership Centre, Nairobi, Kenya, 2010
- 2009
- Ethics programme description workshop for English speaking countries of East Africa and West Africa, 18-20th March 2009, Dakar Senegal.
- Training workshop on University Academic advising, Egerton University, Njoro, Kenya, 2009,
- 2008
- Regional research and development Workshop “ Sustainable use and management of Wetlands in the Lake Victoria basin, East Africa, 26 and 28th March 2008, Gihindamuyaga, Huye, Butare, Rwanda “ Wetland resources and management issues in Kenya” by J. Kipkemboi
- 2007
- 2nd Egerton University Research week Workshop and International Conference 2007. Bridging the gap between Research and National Development, Egerton University, Agriculture Resources Centre (ARC) 17-21st July 2007.
- Training on Biological water quality monitoring, Sunset Hotel, Kisumu, Kenya, 5th-16th November 2007.
- UNESCO Ethics teacher training Course, Egerton University, Njoro Kenya 2007
- Training Workshop; The EU Research Framework Programme (FP7), UNEP, Nairobi, 28th-30th November 2007.
- 2006
- International Wetlands, Water and Livelihoods Workshop at St. Lucia, KwaZulu Natal, South Africa, 29th January- 3rd February 2006.
- Fingerponds Project EU-INCO (ICA4-CT-2001-10037. Fingerponds Project wrap-up workshop, Egerton University, Agriculture Resources Centre, 10-12 May 2006.
- Egerton University Research week Workshop 2006. Bridging the gap between Research and National development, Egerton University, Agriculture Resources Centre (ARC) 17-21st July 2006.
- East African Water Association (EAWA) workshop ‘Bridging Research, Technology and development: Sustainable water Resource Management in Eastern Africa’ Tiwi Beach Resort, Ukunda, Mombasa, Kenya, 4-8 December 2006.
- 2004
- 7th INTECOL International Wetlands conference, Utrecht, The Netherlands, 25th-30th July 2004.
- 2003
- First National zoological postgraduate conference, Kenyatta University, Kenya, 5th-8th August 2003.
- Symposium of the East African-Austrian Water Association (EAAWA), Mukono, Uganda, 10th -13th December, 2003.
- 2002
- Fingerponds Inception Workshop, University of Dar es Salaam, Tanzania, 8-11 January 2002.
- Fingerponds 2nd Technical workshop, Makerere University, Institute of Environment and Natural Resources, Kampala, Uganda, 3-8 December 2002.
- 2001

- EU INCO_DEV Fingerponds Technical workshop, Trebon, Czech Republic, 20-24 August 2001.
 - Training workshop on University teaching methods, Egerton University, Njoro, Kenya, 2001
 - International conference on Science and Sustainable Management of Tropical waters, Naivasha, Kenya, 11-16 April 1999.
- b. Seminar presentations

6. OTHER INFORMATION

- a. Honours & Awards
- International Foundation for Science Research Grant for Young Scientists in Developing countries (2003-2006)
 - UNESCO fellowship on Post Graduate Training in Limnology, Mondsee, Austria (1997).
 - Netherlands Fellowship Programme (NFP), IHE Delft (1998-1999).
 - Netherlands Fellowship Programme (NFP), Ph.D. (partial scholarship), UNESCO-IHE, Delft, The Netherlands (2001-2005).
 - European Union Marie Currie Individual Fellowship Award, UNESCO-IHE, Delft, The Netherlands (2002-2003).
 - Post Doctoral Research Fellow- ECOLIVE Project (2009-2012).
- b. Linkages
- Professional affiliations
 - Society of Wetland Scientists
 - Eastern Africa Water Association
 - EIA Lead Expert, NEMA
 - Guest Editor Frontiers in Environmental Science
<https://loop.frontiersin.org/people/800622/overview>
 - Bioethics Society of Kenya
 - Red Cross Society, Kenya
- c. Collaborations
- IHE Delft, The Netherlands, Kings College, London, ENKI Public Benefit corporation, Czech republic, Institute of Limnology, Austria, Egerton University, University of Rwanda, Makerere University, Uganda, UNESCO Regional Office for Eastern Africa, Kenya National Commission for UNESCO, National commission for Science, Technology and Innovation (NACOSTI), University of Kwazulu Natal, RSA, Alabama state University USA, University of Eldoret, University of Addis Ababa, Ethiopia, University of Johannes Burg, RSA among others.
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