PROF. DANIEL OLAGO

LIST OF PUBLICATIONS

## a) Refereed Journal Articles

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| **No.** | **Reference** | **Date** |
|  | Githiora-Murimi, Y.W., Owuor, M.A., Abila, R., Olago, D. and Oriaso, S. (2022) Integrating stakeholder preferences into ecosystem services mapping in Yala wetland, Kenya. Ecosystems and People, Vol. 18 (1), 146–163 <https://doi.org/10.1080/26395916.2022.2039774> | 11 Mar 2022 |
|  | Cohen, A.S., Campisano, C.J., Arrowsmith, J.R., Asrat, A., Beck, C.C., Behrensmeyer, A.K., Deino, A.L., Feibel, C.S., Foerster, V., Kingston, J.D., Lamb, H.F., Lowenstein, T.K., Lupien, R.L., Muiruri, V., Olago, D.O., Owen, R.B., Potts, R., Russell, J.M., Schaebitz, F., JStone, J.R., Trauth, M.H., Yost, C.L. (2022) Reconstructing the Environmental Context of Human Origins in Eastern Africa Through Scientific Drilling. Annual Review of Earth and Planetary Sciences, <https://doi.org/10.1146/annurev-earth-031920-081947> | February 25, 2022 |
|  | Pierre-Denis Plisnier, Robert Kayanda, Sally MacIntyre, Kevin Obiero, William Okello, Anthony Vodacek, Christine Cocquyt, Hussein Abegaz, Alfred Achieng, Balagizi Akonkwa, Christian Albrecht, Charles Balagizi, James Barasa, Rafiki Abel Bashonga, Alexis Bashonga Bishobibiri, Harvey Bootsma, Alberto V. Borges, Geoffrey Chavula, Tallent Dadi, Els L.R. De Keyzer, Patrick J. Doran, Nestory Gabagambi, Robert Gatare, Andrew Gemmell, Abebe Getahun, Lloyd H. Haambiya, Scott N. Higgins, Béni L. Hyangya, Ken Irvine, Mwapu Isumbisho, Carlos Jonasse, Cyprian Katongo, Sergei Katsev, James Keyombe, Ismael Kimirei, Tchalondawa Kisekelwa, Mary Kishe, Simon Otoung A. Koding, Jeppe Kolding, Benjamin M. Kraemer, Peter Limbu, Evans Lomodei, Shigalla B. Mahongo, John Malala, Stella Mbabazi, Pascal M. Masilya, Matt McCandless, Modesta Medard, Zephaniah Migeni Ajode, Hillary D. Mrosso, Eric R. Mudakikwa, N'sibula Mulimbwa, Déo Mushagalusa, Fabrice A. Muvundja, Angela Nankabirwa, David Nahimana, Benjamin P. Ngatunga, Maxon Ngochera, Sharon Nicholson, Muderhwa Nshombo, Gaspard Ntakimazi, Chrispine Nyamweya, Joyce Ikwaput Nyeko, Daniel Olago, Tekle Olbamo, Catherine M. O'Reilly, Natacha Pasche, Harris Phiri, Nina Raasakka, Anham Salyani, Claver Sibomana, Greg M. Silsbe, Stephanie Smith, Robert W. Sterner, Wim Thiery, Janviere Tuyisenge, Martin Van der Knaap, Maarten Van Steenberge, Paul A.M. van Zwieten, Erik Verheyen, Mulugeta Wakjira, John Walakira, Oscar Ndeo Wembo, Theodore Lawrence.  Need for harmonized long-term multi-lake monitoring of African Great Lakes. Journal of Great Lakes Research, <https://doi.org/10.1016/j.jglr.2022.01.016> | 25 February 2022 |
|  | Syvitski, J., Ángel, J.R., Saito, Y., Overeem, I., Vörösmarty, C.J., Wang, H. & Olago, D. (2022) Earth’s sediment cycle during the Anthropocene. Nat Rev Earth Environ 3, 179–196 (2022). <https://doi.org/10.1038/s43017-021-00253-w> | 01 February 2022 |
|  | Maingey, Y., Opondo, M., Olago, D., Ouma, G. (2022) The impacts of increasing water scarcity and the potential for water-related conflict in Lamu, Kenya. Water Supply (2022) 22 (2): 1983–1994. <https://doi.org/10.2166/ws.2021.299> | 01 February 2022 |
|  | Campos, L.C., Olago, D., Osborn, D. (2022) Water and the UN sustainable development goals. UCL Open Eviron. Vol. 4. DOI: 10.14324/111.444/ucloe.000029 | 12 January 2022 |
|  | Triboan D., Obonyo, E., Ayesh, A., Yerima, S.Y., Basak, B., Wang’ombe, W., Olago, D., Olaka, L.A., Sznajder, K.K., Madivate, C. (2022) "A Transdisciplinary Framework for AI-driven Disaster Risk Reduction for Low-income Housing Communities in Kenya," 2021 IEEE International Conference on Systems, Man, and Cybernetics (SMC), 2021, pp. 188-193, <https://doi.org/10.1109/SMC52423.2021.9658957> | 11 January 2022 |
|  | Ngure, M.W., Wandiga, S.O., Olago, D.O. and Oriaso, S.O. (2021) Climate change stressors affecting household food security among Kimandi-Wanyaga smallholder farmers in Murang’a County, Kenya. Open Agriculture 2021; 6: 587–608. <https://www.degruyter.com/document/doi/10.1515/opag-2021-0042/html> | 27 Oct 2021 |
|  | Othoo, C., Dulo, S., & Olago, D. (2021). Flood-risk vulnerabilities of sanitation facilities in urban informal settlements: Lessons from Kisumu City, Kenya. East African Journal of Science, Technology and Innovation, 2(4). <https://doi.org/10.37425/eajsti.v2i4.371> | Sep 25, 2021 |
|  | Kaoga, J., Olago, D., Ouma, George, Ouma, Gilbert, Onono, J. (2021) The evolving cultural values and their implications on the Maasai Pastoralists, Kajiado County, Kenya, Scientific African, Volume 13, 2021, e00881, <https://doi.org/10.1016/j.sciaf.2021.e00881>. | Sep 2021 |
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|  | Garelick, S., Russell, J.M., Deeb, S., Verschuren, D. and **Olago, D.O.** (2021) Atmospheric controls on precipitation isotopes and hydroclimate in high-elevation regions in Eastern Africa since the Last Glacial Maximum. Earth and Planetary Science Letters 567, 116984. <https://doi.org/10.1016/j.epsl.2021.116984> | 29 May 2021 |
|  | Njagi, D.M., Routh, J., **Olago, D.** and Gayantha, K. (2021) A multi-proxy reconstruction of the late Holocene climate evolution in the Kapsabet Swamp, Kenya (East Africa). Palaeogeography, Palaeoclimatology, Palaeoecology 574 (2021) 110475. <https://doi.org/10.1016/j.epsl.2021.116984> | 15 May 2021 |
|  | Nyumba TO, Sang CC, **Olago DO**, Marchant R, Waruingi L, et al. (2021) Assessing the ecological impacts of transportation infrastructure development: A reconnaissance study of the Standard Gauge Railway in Kenya. PLOS ONE 16(1): e0246248. <https://doi.org/10.1371/journal.pone.0246248> | 29 Jan 2021 |
|  | Mbaabu, P.R., **Olago, D.**, Gichaba, M., Eckert, S., Eschen, R., Oriaso, S., Choge, S.K., Linders, TEW., and Schaffner, U. (2020) Restoration of degraded grasslands, but not invasion by *Prosopis juliflora*, avoids trade-offs between climate change mitigation and other ecosystem services. Sci Rep 10, 20391 (2020). <https://doi.org/10.1038/s41598-020-77126-7> | 24 Nov 2020 |
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|  | Yvonne M., Ouma G., Olago D., Opondo M. Trends in Climate Variables (Temperature and Rainfall) And Local Perceptions of Climate Change in Lamu, Kenya. GEOGRAPHY, ENVIRONMENT, SUSTAINABILITY. 2020;13(3):102-109. <https://doi.org/10.24057/2071-9388-2020-24> | 1 Oct 2020 |
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|  | Othoo, C.O., Dulo, S.O., Olago, D.O. and Ayah, R. (2020). Proximity Density Assessment and Characterization of Water and Sanitation Facilities in the Informal Settlements of Kisumu City: Implications for Public Health Planning.  Journal of UOEH, 42(3): 237-249. <https://doi.org/10.7888/juoeh.42.23>. Journal of the University of Occupational and Environmental Health, Japan. | 01 Sep 2020 |
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|  | Omuombo, C., Williamson, D. and **Olago, D.** (2020) Biogeochemical proxy evidence of gradual and muted geolimnological response of Lake Nkunga, Mt. Kenya to climate changes and human influence during the past millennium. Scientific African, 8: e00416. <https://doi.org/10.1016/j.sciaf.2020.e00416>. | July 2020 |
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