

CURRICULUM VITAE

PERSONAL/BIO DATA

Full name: **NWAOGU Chukwudi**
Place and Date of Birth: Ikpo-Obibi, April 30, 1974.
Nationality: Nigeria.
State and LGA of origin: Rivers State, Etche LGA.
Address (Home): Ikpo-Obibi, Etche LGA, Rivers State, Nigeria.

Address (Abroad): Kolej G. 14, Kamycka 129, Suchdol, Prague 6, Czech Republic.

Telephone number(s): +420775069446 (Abroad)
E-mail and Skype Id: cnwaogu@gmail.com ; chukwudi.nwaogu
Marital status/Children: Married with two children of ages 6 and 3years.
Fields of Interest: Grassland Ecology (Plant and soil), GIS, Geography, Cartography, Environmental Sciences, and Land use - land cover change.

EDUCATIONAL INSTITUTIONS ATTENDED WITH DATES

Dates	Institutions
2014 -2019	Czech University of Life Sciences (CULS), Prague, Czech Republic.
2014-2018	Palacky University, Olomouc, Czech Republic.
2012 - 2014	Czech University of Life Sciences, Prague, Czech Republic.
2012	University of Cambridge International Examinations, UK.
2011	University of Cambridge, UK.
2008 - 2009	National Teachers' Institute, Kaduna State.
2001 - 2003	Univerisity of Lagos, Akoka, Lagos State, Nigeria.
1995 - 2000	University of Uyo, Akwa-Ibom State, Nigeria.
1991	Government Secondary School, Okehi-Etche, Rivers State.
1985	Sea Side Primary School, Ikpo/Umuabali, Obibi, Etche.

ACADEMIC AND PROFESSIONAL QUALIFICATIONS OBTAINED WITH DATES

Dates	Qualifications
2019	Ph.D. in Ecology (in view).
2018	Ph.D. in Geoinformatics and Cartography.
2014	Master's degree in Applied Ecology (specialty: Nature Conservation).
2012	Teacher Diploma Certificate: IGCSE Environmental Management.
2011	Cambridge International Diploma for Teachers and Trainers.
2009	Post-Graduate Diploma in Education (PGDE).
2003	Masters in Geographic Information System (GIS).
2000	B.Sc. in Geography and Regional Planning.
1991	WASSCE (Senior WAEC) Certificate (O' Level, secondary education).
1985	First School Leaving Certificate (Primary education).

WORKING EXPERIENCE

Date	Organization and Post
2012 - 2019	Institute of Agroecosystem and Crop Research/ Dept. of Ecology, Czech University of Life Sciences (CULS), Prague.
Posts	- Principal Post-Graduate Researcher (2014-date). - Assistant Researcher (2012-2014).
2014 - 2018	Department of Geoinformatics, University of Palacký, Olomouc.
Post	- Lecturer: International Erasmus BSc/MSc students.
2007 – 2011	Regent British College, Plot 858 Mabushi, Abuja, Nigeria.
Posts	- Head, Department of Environmental Management. - Educational Instructor: Geography & Env'tl Mgt Teacher.

PROJECTS

Date	Title, Number and post
2016 -2019	German-Czech cross-border project funded by EU Commission titled "DIVERGRASS". Project No.: 100264999.
Post	- Member of Research Team.
2014 - 2020	Czech-Polish cross-border project funded by EU Commission, titled: "BIODIVERSITY-BIOMASS, BIOGAS (GRASS GAS)". Project No.: CZ.114.120/0.0/0.0/16_026/00001092.
Post	- Member of Research Group.
2017 - 2019	CULS Internal Grant Agency (IGA) Project, titled: "Dynamics of nutrients in plants and soil". Project No.: 42110/1312/3143
Post	- Assistant Project Leader.
2013-2014	CULS Internal Grant Agency (IGA) Project, titled: "Soil Elements Mobility in Slavkov Forest, Czech Republic". Project No.: 42400/562974
Post	- Project Submitter/Leader.

HONOURS/DISTINCTIONS

- European Union Commission Scholarship "Erasmus Mundus Scholarship on Ecohydrology: 2010.
- Best three graduating students, Dept. of Geography/Reg. Planning, University of Uyo. (1999/2000).

PROFESSIONAL MEMBERSHIP

- American Association of Geographers.
- Association of Nigerian Geographers.
- Nigerian Cartographers Association.
- Teachers Registration Council of Nigeria

RESEARCH THESES AND DISSERTATION TOPICS/AREAS

<i>Topic/title</i>	<i>Programme</i>
- Dynamics of elements in plants and soil in grasslands.	PhD, Ecology (in view).
- Spatio-temporal analysis of landscape changes in different land use.	PhD, Geoinformatics & Cartography.
- Mobility and biogeochemical cycling of base cations in Slavkov Forest, Czech Republic.	MSc, Applied Ecology (Specialization: Nature Conservation).
-Oil spill effects and its management in Etche LGA, Rivers State, Nigeria.	Masters in GIS.

Influence of physical and socio-economic factors on students' academic performances in selected secondary schools in FCT, Abuja. PGDE.
Effects of climate on crops yields: a study of maize in Etche LGA, Nigeria. BSc.

NAMES AND ADDRESSES OF REFEREES

Prof. Dr. Ing. Vilém Pavlů

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List of Publications

Publications (in WOS and/or Scopus)

Chukwudi Nwaogu, Vilém Pechanec, Vit Vozenilek. 2019. Responses of soil and plants to spatio-temporal changes in landscape under different land-use in Imo watershed. Archives of Agronomy and Soil Sciences. <http://dx.doi.org/10.1080/03650340.2019.1566714>

Jan Gaisler, Lenka Pavlů, Chukwudi Nwaogu, Klara Pavlů, Michal Hejcman, Vilém Pavlů. 2019. Long-term effects of mulching, traditional cutting and no management on plant species composition of improved upland grassland in the Czech Republic. Grass Forage Sci. 1–13. <http://dx.doi.org/10.1111/gfs.12408>.

Chukwudi Nwaogu, Onyedikachi J. Okeke, Olutoyin Fashae, Hycienth Nwankwoala. 2018. Soil organic carbon and total nitrogen stocks as affected by different land use in an Ultisol in Imo Watershed, southern Nigeria. *Chemistry and Ecology*, 34:9, 854-870. <http://dx.doi.org/10.1080/02757540.2018.1508461>

Chukwudi Nwaogu, Henry D. Ogbuagu, Selegba Abrakasa, Modupeola A. Olawoyin & Vilém Pavlů. 2017. Assessment of the impacts of municipal solid waste dumps on soils and plants. *Chemistry and Ecology*, 33: 589-606. <http://dx.doi.org/10.1080/02757540.2017.1337101>

Pavel Krám, Juraj Farkaš, Anna Pereponova, Chukwudi Nwaogu, Veronika Štědrá, Jakub Hrušk. 2014. Bedrock Weathering and Stream Water Chemistry in Felsic and Ultramafic Forest Catchments. *Procedia Earth and Planetary Science*, 10: 52-55. <https://doi.org/10.1016/j.proeps.2014.08.010>

Other peer-reviewed publications

Jan Titěra, Henning Haase, Teowdroes T. Kassahun, Chukwudi Nwaogu, Klára Pavlů, Matthias Kändler, et al. 2018. Divergrass – a cross border project to promote sustainable management of grasslands. ACC Journal, 24 (1): 61-80. <http://dx.doi.org/10.15240/tul/004/2018-1-001>

Chukwudi Nwaogu, Modupeola A. Olawoyin, Vincent A. Kavianu and Vilém Pavlů. 2016. Soil dynamics, conservation and food supply in the grassland ecological zone of Sub-Sahara Africa: The need for sustainable agroecosystem management for maize (*Zea mays*). *Development, Environment and Foresight*, 2 (2): 61-79, ISSN: 2336-6621.

Conferences

Chukwudi Nwaogu, Hycienth Nwankwoala, Vilém Pavlů. 2018. Effects of cutting, burning, and mulching on soil and plants in the Guinea Savanna-grassland. In: Horan B., Hennessy D., O'Donovan M., Kennedy E., McCarthy B., Finn J.A., O'Brien B. (eds.). Sustainable meat and milk production from grasslands. ISBN: 978-1-84170-643-6. Conference held in **Ireland**.

Chukwudi Nwaogu, Hycienth Nwankwoala. 2018. Effects of human-induced landscape changes on biodiversity conservation of soil and plants in different land-use, southern Nigeria. 5TH International/Global Biodiversity Conservation Conference (GBCC), Prague, **Czech Republic**. ISBN: 978-80-213-2874-7.

Chukwudi Nwaogu. 2018. Umbrella tree species: are they preserving or preventing biodiversity in the riparian vegetation of southern Nigeria? On the 59th Annual Conference of the 'Association of Nigerian Geographers', University of Ibadan, Nov., 4-9, 2018, Ibadan, Oyo State, **Nigeria**.

Chukwudi Nwaogu, Onyedikachi J. Okeke, Olutoyin Fashae, Ugo H. Okeke. 2018. Enhancing soil organic carbon and nitrogen pools to climate change adaptation in Imo watershed, Sub-Saharan Africa. International symposium for climate change adaptation in Africa: Fostering African resilience and capacity to adapt. University of Ibadan, *Nigeria*. May 14-15, 2018.

Onyedikachi Okeke, Chukwudi Nwaogu. 2018. Assessing the distribution and ecological suitability of rice in Ebonyi State, south-east Nigeria: an integrated geostatistical approach. On the 59th Annual Conference of the 'Association of Nigerian Geographers', University of Ibadan, Nov., 4-9, 2018, Ibadan, Oyo State, *Nigeria*.

Klara Pavlů, Teo Kassahun, Chukwudi Nwaogu, V Pavlů, L Pavlů, J Gaisler, P Homolka. 2018. Nutrients in the soil and herbage of tall sward-height patches under intensive and extensive grazing. In: Horan B., Hennessy D., O'Donovan M., Kennedy E., McCarthy B., Finn J.A., O'Brien B. (eds.). Sustainable meat and milk production from grasslands. ISBN: 978-1-84170-643-6. Conference held in *Ireland*.

Jan Titěra, S Jürgen, Vilem Pavlů, Michal Hejman, Lenka Pavlů, Jan Gaisler, Chukwudi Nwaogu. 2018. Variability of plant species composition and main functional groups in the Rengen Grassland Experiment. In: Horan B., Hennessy D., O'Donovan M., Kennedy E., McCarthy B., Finn J.A., O'Brien B. (eds.). Sustainable meat and milk production from grasslands. ISBN: 978-1-84170-643-6. Conference held in *Ireland*.

Chukwudi Nwaogu, Joshua Okeke, Eromosei, E. et al. 2017. A 30-year appraisal of soil-gully erosion as a driver of plants extinction due to changed soil-lithological characterization in southern Nigeria. 17th International Multidisciplinary Scientific GeoConference SGEM,

Water Resources, Forest, Marine and Ocean Ecosystems-Soils section. ISBN 978-619-7408-05-8 / ISSN 1314-2704, Albena, **Bulgaria**, 17(32): 3-10. 29 June - 5 July 2017.

<https://doi.org/10.5593/sgem2017/32/S13.001>

Chukwudi Nwaogu. 2017. The role of soil and conservation in agriculture and food security: a study of sustainable agroecosystem management for maize in Nigeria. On the 58th Annual Conference of the ‘Association of Nigerian Geographers’, Keffi, Nassarawa State, **Nigeria**.

Chukwudi Nwaogu, Modupeola A. Olawoyin, Hycienth Nwankwoala. 2017. Soil conservation, nutrient enrichment, and pest control using *Allium* spp (*A. cepa* and *A. sativa*), and DDT in a long-term curl grub infected Okwusonwu-atanga, Ikpo-Obibi community farmland. 2nd National conference of Nigerian Society of Environmental Conservation tagged: “conservation without constraint”, May 25-27, 2017 in Federal University of Agriculture, Abeokuta, **Nigeria**.

Chukwudi Nwaogu, Modupeola Olawoyin, Hycienth Nwankwoala, Vilém Pavlů. 2016. Effects of joint grassland management on the soil chemical properties, aboveground biomass, and maize grain production in Guinea savanna. *Kostelecke Inspirovani Conference, Czech Republic*. Nov. 24-25, pp. 28.

Chukwudi Nwaogu, Modupeola Olawoyin, Hycienth Nwankwoala, Vilém Pavlů. 2016. The semi long-term cutting, burning, and mulching effects on soil, plant, and species abundance in the Northern Guinea Tropical Grassland. *3rd Tropical Biodiversity Conservation Conference (TBCC)*, Prague, **Czech Republic**. pp. 23-24.

Chukwudi Nwaogu, Anna Perepenova, Hana Sillerova, et al. 2014. Weathering Profiles of Alkaline Earth Metals in Base-Poor Forest Ecosystem: Lysina, Slavkov Forest, Czech Republic. *8th Symposium on Ecosystem Behaviour 'Biogeomon'*, **Germany**, July 13-17,2014.