

Nomination Information of Prof. Victor Okechukwu Chude for President- Elect of IUSS

Details of the Nominee

Title, Full Name, date of Birth, Gender and Nationality

Professor Victor Okechukwu Chude, Date of Birth: 24th October, 1951, Male; Nigerian

Family Information (Optional):

Married to Chude, Augustina Amaka since 24th December, 1977; Five children (Mrs. Chukwurah, Gloria Chibuogwu; Mr. Chude, Sylvester Chinedu, Mrs. Odonwodo, Jane Chineze, Mrs. Alabere, Pamella Nono and Mr. Chude, Patrick Nonso).

Current Position and address:

Registrar/Chief Executive Officer, Nigeria Institute of Soil Science, No. 8, Abdullahi Ibrahim Street, Utako District – Abuja, Nigeria.

Email address and Phone number

vchude@yahoo.co.uk; Phone: +2348033154400;

Language capabilities and level of competence/fluency in each (this must include a high level of competency in English)

English Language: fluent speaking and writing.

French: not fluent.

Attestation statement of good financial standing of both the Nominee and of the National Society

The nominee is a salary earning employee of the Nigeria Institute of Soil Science and has remained a financially up-to-date member of both the International Union of Soil Sciences and Soil Science Society of Nigeria since 1979.

Details of Nominators and Signatories:

Name, Position and Affiliation of both Nominators and evidence of their good financial standing in a National Society Member of IUSS

Name: Prof. Jibrin M, Jibrin
Position: President, Soil Science Society of Nigeria
Affiliation: Department of Soil Science, Faculty of Agriculture, Bayero University,
Kano State, Nigeria

Name: Dr. Martins Yemefack (Ph.D)
Position: Past President
Affiliation: Africa Soil Science Society (AFSSS),

Both nominators are financially up-to-date members of the Soil Science of Nigeria and Soil Science Society of Ghana respectively.

Jibrin M.

Prof. Jibrin M, Jibrin, Department of Soil Science, Faculty of Agriculture, Bayero University,
Kano State, Nigeria



Dr. Martins Yemefack, Africa Soil Science Society (AFSSS) Yaounde

[Signature]
Prof. V. O. Chude

Prof. Victor Okechukwu Chude, Registrar/CEO, Nigeria Institute of Soil Science, Nigeria

Profile of the Candidate:

Academic Background (degrees, level, awarding university, year, awards and prizes: fellowships)

Degrees:

1. 1976 Bachelor of Science (Plant Nutrition): University of Nigeria, Nsukka, Nigeria
2. 1980 Master of Science (Agronomy): University of Ibadan, Ibadan – Nigeria
3. 1983 Doctor of Philosophy (Agronomy): University of Ibadan, Ibadan – Nigeria

Awards and Fellowships:

1. **Distinguished Service Award** – Soil Science Society of Nigeria, March, 2020
2. **Fellow** – Soil Science Society of Nigeria, 2007
3. **Distinguished University Professor of Soil Science** – Ahmadu Bello University, Zaria, Nigeria, 1993
4. **Research Service Award** – Joint recipient (E.N.O. Iwuafor and I. Amapu) of the Scientific, Technical and Research Commission, Organization of African Unity (OAU, Ile-Ife – Nigeria), 1991.
5. **Academic Meritorious Certificate** – University of Nigeria, Nsukka, Nigeria, 1976
6. **Best Graduate of Soil Science Department** – University of Nigeria, Nsukka, Nigeria, 1975/1976.
7. **Undergraduate Student Scholarship** – Anambra State Government, Nigeria 1972 - 1976

Positions held (period, position, Institution)

2018 to date	Registrar/Chief Executive Officer Nigeria Institute of Soil Science, Nigeria.
2015 to May 2022	Chairperson, African Soil Partnership (AfSP) Global Soil Partnership, Food and Agriculture Organisation of the United Nations, Rome.
2015 to date	FAO/GSP Focal Person in Nigeria Global Soil Partnership, Food and Agriculture Organisation of the United Nations, Rome.
2015 to date	Coordinator of University of Columbia's AgCenter SoilDoc activities in Nigeria.
2015 to 2017	Adjunct Senior Research Scientist at the Agricultural and Food Security Center of the Earth Institute, Columbia University, United States of America.

- 2009 to date **Head of Component, Agricultural Productivity Enhancement**
National Programme for Food Security, Federal Ministry of Agriculture and Rural Development, Nigeria.
- 2002 to 2009 **National Facilitator, Soil Fertility Initiative (SFI)**
National Programme for Food Security, Federal Ministry of Agriculture and Rural Development, Nigeria.
- 1995 to 2002 **Member of the University Senate**
Ahmadu Bello University, Zaria, Nigeria.
- 1994 to 2000 **Head of Department of Soil Science**
Institute for Agricultural Research/Faculty of Agriculture, Ahmadu Bello University, Zaria, Nigeria.
- 1993 to 2000 **Professor of Soil Science**
Ahmadu Bello University, Zaria, Nigeria.
- 1987 to 1993 **Senior Lecturer Department of Soil Science**
Institute for Agricultural Research/Faculty of Agriculture, Ahmadu Bello University, Zaria, Nigeria.
- 1983 to 1985 **Principal Research Officer**
Cocoa Research Institute of Nigeria, Ibadan, Nigeria.

Summary of Expertise and Areas of Academic/Research Interests

1. **Soil genesis and classification:**
 - (i) Characterization of soils of North-western Nigeria.
2. **Soil fertility and land capability/suitability evaluation:**
 - (i) Nutrient interaction trials on cereals; (ii) Soil fertility management under continuous cultivation; (iii) Effect of herbicide on nitrification of soil; (iv) Maize response to zinc fertilizer in northern Nigeria; (v) Soil test calibration for N, P, and K in relation to maize production (vi) Source, rate and method of application of nitrogen fertilizer on maize production (vii) Field evaluation of NPK 27:13:13 in north-western Nigeria; (viii) The role of micro-organisms in the solubilization of rock phosphate (ix) Development of a multi-purpose extractant for the prediction availability of P, K, Mg, and Zn in soils of the Nigerian savannah (x) Evaluation of different compound fertilizers formulated from Sokoto rock phosphate; (xi) Potentials of millet thresh waste for the production of maize in the savannah region; (xii) Boron requirement of tomato (*Lycopersicon esculentum*, L.); (xiii) Evaluation of different compound fertilizer formulations using maize as test crop; (xiv) Evaluation of Agrolizer liquid fertilizer on maize, sorghum, groundnut, and cowpea; (xv) Evaluation of Sokoto phosphate rock for direct application in the Nigerian savanna; (xvi) Application of Decision Support Systems for combating Nutrient Depletion: Simulating and Validating Nutrient Balance in key crops; (xvii) Increasing the efficiency of soil and applied phosphate by crops in acid soils through cultural practices.

3. Land and soil degradation, remediation and reclamation:

(i) Reclamation of degraded soils

Summary of National and International Activities (high level Committees, government service, consultancies)

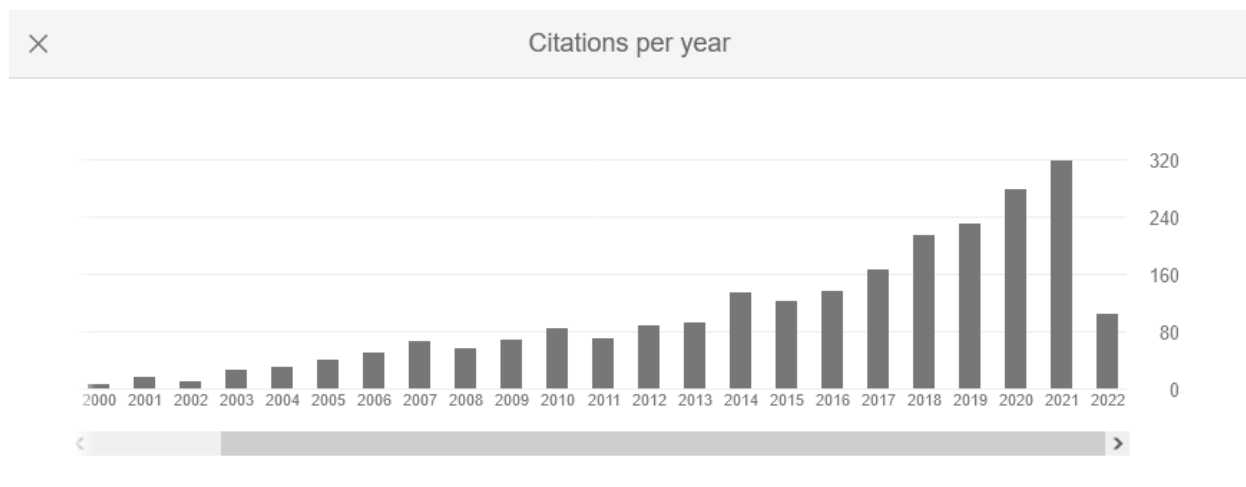
1. **Member** - Selection Committee of the Glinka World Soil Prize 2017 - 2018 FAO/UN
2. **Member** – Selection Committee World Soil Day 2017, 2018 FAO/UN
3. **Member** – Steering Committee 3:Soils 4Africa
4. **President** - Soil Science Society of Nigeria – October 2003 to March 2018
5. **Representative** of Soil Science Society of Nigeria in IUSS Council 1983 - 2018
6. **Chairman**, National Fertilizer Technical Committee on Fertilizer Quality Control (Federal Government of Nigeria).
7. **Member** – International Technical Committee African Fertilizer Summit, Abuja 2006
8. Stakeholders' Meeting for Developing implementing regulations for the National Fertilizer Quality Control Bill in Nigeria - 2018
9. **Expert Member** - Global Soil Partnership / Intergovernmental Technical Panel on Soil
10. **Member** - Editorial Board of Status of World's Soil Resources Report FAO/ Intergovernmental Technical Panel on Soil.
11. **Research Consultant** to National Fertilizer Company of Nigeria, Onne, Port Harcourt; Fertilizer and Chemicals Company Limited, Kaduna; Agro-Nutrient Fertilizer Company, Kano; Cybernetics Nigeria Limited, Kaduna; Niger State Fertilizer Company, Zungeru, Minna; Crystallizer Nigeria Limited, Kaduna and the Federal Ministry of Agriculture and Natural Resources on Fertilizer Formulation, Standardization, Specifications and Testing.
12. **Project Coordinator** Alliance for a Green Revolution in Africa (**AGRA**): Supporting Fed. Ministry of Agriculture & Rural Development to improve the Enabling Business of Agriculture in Nigeria – Project Coordinator; Strengthening Fertilizer Systems Partnership
13. **International Events**: 2018 Workshop on Enabling the Business of Agriculture – Co-organizer; 2006 Summit on Food Security in Africa – Co-organizer; 2006 African Fertilizer Summit – Co-organizer
14. The 3rd Plenary Assembly of the Global Soil Partnership (GSP) held from 22 to 24 June 2015, at FAO Headquarters, Rome.
15. High-Level Forum to showcase successful South-South Corporation (SSC) in Africa experiences and exchange views and ideas in support of FAO's new SSC strategy, 26th - 29th of September, 2013

Summary of Publications (total numbers only [not individual titles] of

a)	Books and Monographs	-	8
b)	Refereed Local and International Journals	-	121

- c) Refereed Chapters and Reviews - 10
- d) Refereed Conference Papers and Keynote Presentations - 89
- e) Citation and h-index as given by Google Scholar as at 26th May, 2022

<u>Citation Indices</u>	<u>All</u>	<u>Since 2017</u>
Citations	2486	1323
h-index	23	14
i10-index	44	22



Statement of Intent

The seat of the President of the International Union of Soil Science (IUSS) is a strategic one, especially following the phenomenon of the COVID-19 and the possible global changes it will have on human wellbeing. This will no doubt bring about a number of changes in the way we do things, especially in the sciences and particularly in the field of Soil Science which I refer to as the platform on which all discoveries stand. The ongoing global changes are pointing our attention to the need to readdress our formal knowledge offerings. We should discourage the limitations of the scope of soil science discipline to strictly the agricultural context. The future calls for more interaction of soil scientists with professionals of other disciplines, for obtaining a comprehensive understanding of the Earth's ecosystems, open up new horizons of scientific endeavours as well as services to humanity.

If elected to the office of the President of the IUSS, I hope to canvass for increased awareness of the importance of soils and soil related issues. This becomes imperative because the global civilization is premised on prudent exploitation of the terrestrial ecosystems such that our need for food, feed, fibre, and fuel must not be surpassed by an insatiable desire for more value. We must

do better at communicating our science to the non-science communities; people must know and appreciate soils of their land and its ecology to be sustained. We must move beyond technical accomplishments to non-technical dissemination of soil knowledge, and information dissemination of scientific soil discoveries must be cascaded in a more friendly and effective way using appropriate lay-person techniques for greater value. More so, information on soils must be packaged in such a way that it will be received with enthusiasm by young learners and this should start from the pre-school to the tertiary level. A reformation of curricula for Universities, field skills for soil science students and an end to the decreasing number of students in some parts of the World.

Additionally, global interest in the activities of the national soil science societies will be built. In doing this, efforts will be made to strengthen the capacity of 86 regional and national member Societies with 60,000 scientists to be able to promote cooperation and knowledge sharing that would help put soil firmly on the policy agenda of governments of member nations. A vital target is to get nations of the world to manage their soils for a healthy humanity. This effort will surely help to bring about a sustainable global ecosystem where flora and fauna will thrive amidst explosive human population.

Lastly, synergies with other organizations will be fostered. We need to improve communication with colleagues, policymakers, and stakeholders by joining the information revolution. Striving to work closely with relevant International Organizations and donor partners to strengthen our financial base by stimulating interest in the activities of IUSS in order to convince donor partners to fund our programs and projects.