

CURRICULUM VITAE

Nana Yeboaa Opuni-Frimpong

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Education:

PhD Candidate: Social Forestry and Environmental Governance

MPhil. Educational Innovations and Leadership Science (2021) KWAME NKRUMAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, Kumasi, Ghana

MSc. Forestry (2006). Michigan Technological University, Houghton, Michigan, USA.

B.A. Arts (2000) Economics and Law, Kwame Nkrumah University of Science and Technology. Kumasi, Ghana

PROFESSIONAL POSITIONS:

August 2023 to date Exams Officer, School of Natural Resources

June 2023 – date - Senior Lecturer Department of Forest Science

February 2018 –Jun 2023– Lecturer Department of Forest Science

November 2017 – July 2023 – Exam Officer, Department of Forest Science

January 2016- Jan. 2018. Assistant Lecturer, Department of Forest Science.

April 2014 - 2015 Principal Technical Officer (Senior Technologist), Forestry Research Institute of Ghana

2010 – 2015, Senior Technical Officer, CSIR Forestry Research Institute of Ghana.

Oct 2008 - April 2009 Team leader forest plantation plan for Asubima Forest Reserve.

June 2006 –December 2007 Wood Anatomy Lab of the School of Forest Resource and Environmental Science, Michigan Technological University, USA

Jan 2005-April 2005 Teaching assistant for Tree seedling production and greenhouse management class. Michigan Technological University, USA.

Research and Teaching Experiences:

- Livelihoods-socio-culture and conservation nexus: dynamics in medicinal plant security in Ghana's semi-deciduous forest zone.
- Landscape Restoration education in Africa.
- Climate change knowledge among SHS teachers: implication on teaching methodologies and curriculum development.
- **Team Leader:** Tools for ensuring sustainable urban agriculture in the Sunyani Municipality (SDF – II – Call 2 – 0623) (Dec. 2018 –DEC 2019). A project funded by the Skills Development Fund (SDF) Ghana.
- **Team Leader:** Community-based Forest Plantation Management Plan for Asubima forest reserve, (Oct 2008- April 2009). Ghana Association for the Conservation of Nature (GACON).
- **Research Technician:** Worked on a study that aimed at determining the effects of soil chemical, physical and biological properties on wood decomposition rates across a wide range of soil types and climate regimes. (June 2006 –December 2007)
- **Research Assistant:** School Of Forest Resources and Environmental Science. MS research involved organizing data and results of ozone and carbon dioxide effects on forest ecosystems for public education on climate change (April 2004- May 2006).
- **Research Assistant:** Identification and Inventorying of trees in public areas in Houghton, MI, the USA aimed at improving the city's aesthetics and recreational values of trees. Internship, June-July, 2005, with Davey Resource Group, Kent, Ohio, USA.
- **Research Assistant:** Greenhouse management: Monitoring water requirement and fertilizer treatments on the growth of aspen and other hardwoods in the greenhouse. School of Forest Resources and Environmental Science, MTU, USA. (May 2005- May 2006).
- Teaching assistant: Tree seedling production and greenhouse management. (Jan 2005-April 2005).

Publication and Technical papers:

- Derkyi, M.A.A; Opuni-Frimpong, N. Y and Kwakwa, P. A. (2024). Governing Landscape Restoration for Restoration Education. Building a Pan-African curriculum on landscape restoration. The Pan-African Restoration Education Network.
- Dampney, F.G.; **Opuni-Frimpong, N.Y.**; Arimiyaw, A.W.; Bentsi-Enchill, F.; Wiafe, E.D.; Abeyie, B.B.; Mensah, M.K.; Debrah, D.K.; Yeboah, A.O.; Opuni-Frimpong, E. (2022). Citizen Science Approach for Assessing the Biodiversity and Ecosystem Service Potential of Urban Green Spaces in Ghana. *Land* 2022, 11, 1774. <https://doi.org/10.3390/land11101774>.
- **Opuni-Frimpong, N. Y.**, Essel, H. B., Opuni-Frimpong, E., & Obeng, E. A. (2022). Sustainable Development Goal for Education: Teachers' Perspectives on Climate Change Education in Senior High Schools (SHS). *Sustainability*, 14(13), 8086. MDPI AG.
- Opuni-Frimpong, E., Gabienu, E., Adusu, D., **Opuni-Frimpong, N.Y.** and Dampney, F. G. (2021). Plant diversity, conservation significance, and community structure of two protected areas under different governance. *Trees, Forests and People*. S2666-7193(21)00021-2.
- Amankwah, A.A., Quaye-Ballard, J.A., Koomson, B., Amankwah, R.K., Awotwi, A., Kankam, B.O., **Opuni-Frimpong, N.Y.**, Siaw, D.B., Adu-Bredu, S. (2021). Deforestation in Forest-Savannah Transition Zone of Ghana; Boabeng-Fiema Monkey Sanctuary, *Global Ecology and Conservation*.
- **Opuni-Frimpong, N.Y.** (2018). Effects of urbanization on Livelihoods of peri-urban Communities in Sunyani Municipality. ICCCSDA 2017 Special Issue: Agriculture and Natural Resources Special Vol. 1, 56-62, 2018. JENRM.
- **Opuni-Frimpong, N.Y.**, Hammond, P. and Bannor, R. K. (2019). Tools for sustainable urban agriculture: Marketing and Bookkeeping. Opuni-Frimpong, N.Y., Opuni-Frimpong, E., and Hammond, P. (Eds.). Adwinsa Publications (GH) Ltd. Accra. 61pp. ISBN: 978-9988-8387-5-1
- Opuni-Frimpong, E., Adarkwah, C., Ansah, F.A. and **Opuni-Frimpong, N. Y.** (2019). Tools for sustainable urban agriculture: Agrochemical Use and Pest Management. Opuni-Frimpong, N.Y., Opuni-Frimpong, E., and Ansah, F.A. (Eds.). Adwinsa Publications (GH) Ltd. Accra. 74pp. ISBN:978-9988-8387-5-1

- Abugri, S., Agbeshi, A.A., Mensah-Opoku, S. and Mensah-Opoku, E. and **Opuni-Frimpong, N. Y.** (2019). Tools for sustainable urban agriculture: Water, Soil and Fertilizer Management. Opuni-Frimpong, N.Y., Opuni-Frimpong, E., and Agbeshie, A.A. (Eds.). Adwinsa Publications (GH) Ltd. Accra. 63pp.
- **Opuni-Frimpong, N. Y.**, Opuni-Frimpong, E., Adarkwah. C., Hammond, P., Ansah, F. A., Agbeshi, A.A., and Abugre. S. (2019). Tools for sustainable urban agriculture: Farmers' Manual. Opuni-Frimpong, N.Y., Opuni-Frimpong, E., and Adarkwah. C. (Eds.). Adwinsa Publications (GH) Ltd. Accra. 104pp. ISBN: 978-9988-8387-4-3
- **Opuni-Frimpong, N.Y.** and Opuni-Frimpong, E. 2014: Urbanization of Ghana; effects on urban forests and peri-urban community livelihoods. IUFRO 2014 held in Utah, USA. 5/10/14 to 11/10/14.
- **Opuni-Frimpong, N.Y.** and Opuni-Frimpong, E (2012). Nauclea Diderrichi (De Wild & T. Durand) Merr. In Lemmens, R.H.M.J., Louppe, D., and Oteng-Amoako, A.A. (Editors). Plant Resources of Tropical Africa 7(2). Timbers 2. PROTA Foundation, Wageningen, Netherlands/Backhuys Publishers, Leiden, Netherlands/CTA, Wageningen, Netherlands. Pp482-487.
- **Opuni-Frimpong, N.Y. (2006).** Facilitating sustainable urban forestry in Ghana, public awareness creation, and participation. Research Report/Thesis, graduate school, Michigan Technological University, USA.
- **Opuni-Frimpong, N.Y. (2005).** Case-study of industrial mining, sustainable environments and community concerns in Ghana, public awareness creation, and participation. Presentation at the College of Forest Resources and Environmental Science. Michigan Technological University, USA
- **Opuni-Frimpong, N.Y. (2005).** Aspects of forest resources management in Ghana- forest finance and economics paper, presented at the School of Forest Resources and Environmental Science, (MTU), USA.
- **Oppong, N.A.Y. (2000).** Managing the persistent balance of payment deficits on the Ghanaian economy since the implementation of the Economic Recovery and Structural Adjustment Programs. Final year undergraduate research report, KNUST, Kumasi.

CONFERENCE/ SEMINARS/ WORKSHOPS

1. 24th – 28th June 2024 Facilitator, Short course on Landscape Restoration Governance. UENR, Sunyani.
2. 13th – 19th October 2023 Landscape Restoration Education Summit. Tribe Hotel, Nairobi, Kenya.

3. 11th -12th October 2023 Global Landscape Forum. CIFOR-ICRAF Campus, Nairobi, Kenya.
4. 24th -26th May 2023 **Centre for Professional Development and HRD.**
UENR – ACU Early Career Research Training
Workshop on Winnable Grant Writing. UENR, Sunyani.
5. 21st – 23rd Feb. 2023 Managerial and Leadership Skills to Embrace All-Inclusive Growth of UENR. Sheila’s Executive Lodge, Sunyani.
6. 10th – 12th Jan 2022. **Quality Assurance Planning Unit.**
Innovative Teaching and Assessment Practices in Higher Education Training. UENR, Sunyani.
7. 25 - 29 Oct. 2021 **Third Asia-Pacific Urban Forestry Meeting (APUFM).**
Zoom Virtual Event.
3. 27th Jan.– 7th Feb. 2020 **Climate Change Adaptation in Food Security and Natural Resources Management.**
Makerere University, Kampala, Uganda.
4. 31st July – 8th Aug. 2019 **Pedagogical Leadership in Africa (PedaL) Western Hub Training.** Hosted by the University of Ghana at the Swiss Spirit Hotel and Suites Alisa, Accra, Ghana.
5. 18th -22nd March 2019 **UN Africa Climate Week.**
Accra International Conference Centre. Accra, Ghana.
6. 16th – 17th Jan 2019 **Quality Assurance Planning Unit.**
Good Assessment Practices in Higher Education: Improving Teaching and Learning. Sheila’s Executive Lodge. Sunyani. Ghana.
7. 17th – 20th Oct. 2018. **4th Forest Livelihoods Assessment, Research, and Engagement (FLARE) annual meeting.**

University of Copenhagen, Denmark.

8. 10th – 21st Sept. 2018

Food Security in an urbanizing society.

Wageningen UR, Netherlands.

9. 1st March 2018

Climate Impact Research Capacity and Leadership Enhancement (CIRCLE) Workshop.

Theme: Preparing a Manuscript for Publication and Developing the Culture of Publication. UENR, Sunyani.

10. 25th -28th July 2017

International conference on climate change and sustainable development.

Theme: **Climate Change and Sustainable Development: Strengthening Africa's Adaptive Capacity.** Sunyani, Ghana.

11. 28th -30th March 2017

DAAD/Women Advancement Forum, International Exchanges Research, and Academia.

KNUST, Kumasi

RESEARCH INTEREST

1. Indigenous knowledge systems in natural resources management.
2. Ethnobotany, utilization and conservation of medicinal plants.
3. Sustainable urban forest management to the sustainable development goals.
4. Development of urban forest policy for sustainable development