

Edmond Sanganyado  
Assistant Professor  
Applied Sciences  
**Email:** EDMOND.SANGANYADO@NORTHUMBRIA.AC.UK



## Research interests

Edmond is interested in understanding the impact of chemical contaminants on environmental and human health. His research develops and employs advanced analytical techniques and molecular biology approaches to assess the health risk associated with exposure to complex chemical mixture and multiple stressors. He investigates how chemodynamics influences external and internal exposure, bioaccumulation, and adverse health effects, particularly in aquatic ecosystems.

## Qualifications

Education, PGCHE, Northumbria University  
25 Aug 2022 → 31 Jan 2024  
Award Date: 31 Jan 2024

Education, PGCHE, Falmouth University  
10 Jan 2018 → 15 Sept 2018  
Award Date: 30 Jul 2018

Environmental Science and other Physical Science, PhD, Enantiomer specific fate and toxicity of chiral pharmaceuticals in the environment, University of California at Riverside  
12 Sept 2011 → 10 Jun 2016  
Award Date: 10 Jun 2016

Chemistry, BSc (Hons), Occurrence of acrylamide in traditional foods consumed in Zimbabwe, National University of Science and Technology Bulawayo  
10 Aug 2004 → 31 May 2008  
Award Date: 31 May 2008

10 May 2022 → 9 May 2023 Member of the Royal Society of Chemistry, MRSC

1 Sept 2021 → 31 Dec 2022 Fellow of the Institution of Environmental Sciences, FIEnvSc

## Employment

### Assistant Professor

Applied Sciences  
Northumbria University  
7 Mar 2022 → present

### Professor

Shantou University  
China  
1 Jul 2019 → 5 Mar 2022

## Activities

- Towards a global definition of excellence in research**  
Edmond Sanganyado (Invited speaker)  
1 May 2024  
Activity: Talk or presentation › Invited talk
- Discover Toxicology (Journal)**  
Edmond Sanganyado (Editor)  
1 Jan 2024  
Activity: Publication peer-review and editorial work › Editorial work

3. **Trophic transfer of organic pollutants in coastal ecosystems**  
Edmond Sanganyado (Speaker)  
11 Nov 2023  
Activity: Talk or presentation › Invited talk
4. **Forensic Science International: Animals and Environments (Journal)**  
Edmond Sanganyado (Editor)  
Sept 2023 → Sept 2024  
Activity: Publication peer-review and editorial work › Editorial work
5. **Zimbabwe Research Network (External organisation)**  
Edmond Sanganyado (Member)  
1 Apr 2023  
Activity: Membership › Membership of network
6. **Linking chemical exposure and adverse health outcomes in the environment: A career journey**  
Edmond Sanganyado (Speaker)  
1 Feb 2023  
Activity: Talk or presentation › Invited talk
7. **A stereochemistry roadmap to future waters: From source to sink**  
Edmond Sanganyado (Speaker)  
3 May 2022  
Activity: Talk or presentation › Invited talk
8. **Global Young Academy (External organisation)**  
Edmond Sanganyado (Member)  
2022 → 2027  
Activity: Membership › Membership of network
9. **Communications Earth and Environment (Journal)**  
Edmond Sanganyado (Member of editorial board)  
1 Jan 2021 → 1 Apr 2023  
Activity: Publication peer-review and editorial work › Editorial work
10. **Integrated Environmental Assessment and Management (Journal)**  
Edmond Sanganyado (Member of editorial board)  
1 Jan 2021 → 31 Dec 2023  
Activity: Publication peer-review and editorial work › Editorial work
11. **Zimbabwe Young Academy of Sciences (External organisation)**  
Edmond Sanganyado (Chair)  
Sept 2020 → Sept 2023  
Activity: Membership › Membership of network
12. **PeerJ (Journal)**  
Edmond Sanganyado (Editor)  
1 Jan 2020 → 1 Apr 2023  
Activity: Publication peer-review and editorial work › Editorial work
13. **PLoS One (Journal)**  
Edmond Sanganyado (Editor)  
1 Jan 2020 → 1 Apr 2023  
Activity: Publication peer-review and editorial work › Editorial work

## Impacts

1. **Understanding air pollution in Africa and strategies to reduce it**  
Edmond Sanganyado (Participant)
2. **Open access publishing deal for low-, middle-income countries**  
Edmond Sanganyado (Participant)
3. **Why we need to talk about this hidden poison gas**  
Edmond Sanganyado (Participant)