

Blog “Sustainable Land Management in Sub-Saharan Africa: Improving livelihoods through local research”



INTRODUCTION



Our blog is intended for project staff as well as interested stakeholders from science, policy and practice, to share experiences and mutually learn. It is an opportunity to showcase the multi-faceted nature in which we improve livelihoods and support sustainable land management through local research.

This current blog, prepared by Dorcas Sanginga Alame from the University of Bonn, shares her experiences at the GFFA Science Slam, which she won with her story of 3 farmers, of land, and of a future shaped by access to resources.

SCIENCE AND STORIES: A JOURNEY TO THE 2025 GLOBAL FORUM FOR FOOD AND AGRICULTURE

“[INTERFACES](#) PhD Candidate Dorcas Alame Sanginga from the [HORTIBONN group](#) at University of Bonn recently won the Science Slam Award at the 2025 [Global Forum for Food and Agriculture \(GFFA\)](#)”.

The GFFA is the international conference of the German Ministry of Food and Agriculture that brings together experts, politicians, scientists, businesses and civil society from around the world to discuss and address pressing issues related to global food security and agriculture.

A highlight of the GFFA is the Science Slam where I presented my research with the HORTIBONN team and [COINS](#) project that leverages probabilistic modeling approaches to forecast the impact of Integrated Soil Fertility Management (ISFM) in northern Ghana. The findings reveal both promise and disparity: farmers with access to critical resources stood to benefit the most, while those with fewer resources had limited gains. This disparity highlights the need for complementary innovations to ensure no farmer is left behind.



Blog “Sustainable Land Management in Sub-Saharan Africa: Improving livelihoods through local research”



While the GFFA Science Slam offered a unique opportunity to present my work, I was tasked to deliver a captivating and informative presentation that not only showcases my research but also resonates with a diverse audience. Thinking back, my participation in the Knowledge Management for Agricultural Development ([KM4AGD](#)) challenge significantly shaped the road to the GFFA stage. The KM4AgD challenge did not just hone my technical skills; it transformed how I thought about knowledge-sharing, learning how scientific research, no matter how transformative, risks being inaccessible if it is not communicated effectively. I shaped a scientific research on ISFM into a story that connected with the audience—a story of 3 farmers, of land, and of a future shaped by access to resources.



This Science Slam award is a reminder that the impact of our work depends not just on what we discover but on how we share it.

PHOTOS

Courtesy of @BMEL/Photothek

FOR FURTHER INFORMATION

Funded by the German Federal Ministry of Education and Research (BMBF), within the strategy of its platform [Research for Sustainability](#) (Forschung für Nachhaltigkeit, FONA), the **INTERFACES** project works with four regional projects – **COINS**, **DeclaRe**,

InfoRange and **Minodu** – to strengthen the integration, coherence and reach in the area of sustainable land management.

MEDIA

Follow us for updates on the research programme on our [website](#) and follow us on [LinkedIn](#) and on [D-Groups](#).

IDOS Newsletter December 2024 - [Official Side Event at COP16 in Riyadh explores Youth’s Role in Innovation](#)

PREVIOUS BLOG CONTRIBUTIONS

[“Understanding farmers' decisions: activities in northern Ghana”](#)

[“Strengthening agricultural resilience in Senegal: key insights from a field mission”](#)

[“UNCCD COP16 Side Event: The Role of Youth in Innovation for SLM”](#)

LATEST BRIEFING SERIES

1/2024 - [Fostering gender-responsive innovation adoption among smallholder farmers in Africa](#)

LATEST VIDEOS

Full GGFA Science Slam available [here](#) (©BMEL)

[Funding conditions of transdisciplinary research for sustainable development in Africa](#)

[Making Wangatchi: Traditional vs New Approach - Interview with Oroudjo Amina](#)
(with french captions)

SPONSORED BY THE

