



SPOTLIGHT ON

PRIS 2024

SCHOOL OF AGRICULTURAL, EARTH AND
ENVIRONMENTAL SCIENCES

JOIN US

29 - 30 OCT

pris.ukzn.ac.za

For the past 12 years the Postgraduate Research and Innovation Symposium (PRIS) has been used to showcase postgraduate research in the College of Agriculture, Engineering and Science (CAES). This communique spotlights research from the School of Agricultural, Earth and Environmental Sciences (SAEES).



"The School of Agricultural, Earth and Environmental Sciences (SAEES) boasts world-class facilities that provide a well-rounded scientific education for students. I would like to congratulate our students and their supervisors, and look forward to seeing their research presented at PRIS 2024."

Professor Julia Sibiya, Acting Dean of SAEES

ORAL PRESENTATIONS | 29 OCT |
09h50 - 15h30

FLASH PRESENTATIONS | 30 OCT
| 09h00 - 12h00

POSTGRADUATE RESEARCH PROJECTS

PhD candidate Ms Snethemba Ndlovu will present her research that explores the potential of unmanned aerial vehicle (UAV) technology to develop early warning systems for maize moisture stress, offering improved resilience and climate adaptation for smallholder farmers in water-scarce regions.



Ms Snethemba Ndlovu

Master's student Ms Sinikiwe Khumalo's research will be presented and highlights the potential of using human-derived compost to enhance soil fertility and promote sustainable agriculture. She evaluated the effects of mixing dewatered sewage sludge with organic green waste at different ratios and turning frequencies on compost quality and plant growth.



Ms Sinikiwe Khumalo

PROGRAMME



Dr Mteto Nyati
PRIS Keynote Speaker



Dr Ntsapokazi Deppa
Keynote Speaker, UUW
Session



Professor Andrew Swanson
Keynote Speaker, Gala
Dinner



HIGHLIGHT VIDEO



**SHOWCASING SCHOOL
OF AGRICULTURAL,
EARTH AND
ENVIRONMENTAL
SCIENCES**

FOR MORE INFORMATION CONTACT

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