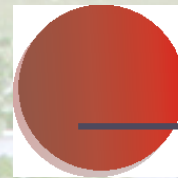




NORTH-WEST UNIVERSITY
YUNIBESITI YA BOKONE-BOPHIRIMA
NOORDWES-UNIVERSITEIT
POTCHEFSTROOM CAMPUS



RAPIDC

AIR POLLUTION IMPACT STUDIES ON CROPS IN SOUTHERN AFRICA



APINA

AIR POLLUTION INFORMATION NETWORK-AFRICA



SEI

WHY?









Food Security

- Drought, floods, conflicts, poor management and infrastructure ect.
- 30 mil. people in Sub-Saharan Africa suffer from famine and malnutrition
- 10 mil. in Southern Africa
- Still growing population
- The **Invisible Enemy**, co-stress

APPROACH

Ozone Biomonitoring

- Air Pollution Information Network Africa (APINA)
- Biomonitoring of Ozone impacts on vegetation
- Pilot study for Southern Africa, conducted at North-West University, Potchefstroom
- ICP Vegetation Experimental Protocol followed
- Ozone Biomonitoring training Workshop-2006 Potchefstroom

Ozone Biomonitoring

- Intention to conduct experiment in 6 southern African countries:
Tanzania, Mozambique, Botswana, Zimbabwe, Zambia and South Africa



```
ERROR: undefined
OFFENDING COMMAND: f'~
STACK:
```