

Food and Agriculture Organization of the United Nations

#### 5<sup>th</sup> African Soil Partnership plenary meeting



Progress on soil issuesin Eswatini Patrick Bhekisisa Dlamini



### Data collection

- No data collection was done last year due to lack of resources
- There is need to collect soil samples to analyse for carbon stocks and other soil properties



# Participation in global symposia

- Participated in the soil biodiversity symposium
- Participated in the soil doctors programme launch
- Participated in the Soil Information System for Food Security and Sustainable Intensification in Africa.



# Membership in International Networks

- INSII
- GLOSOLAN
- INFA
- AfriLab



#### **GLOBAL SOIL SALINITY MAP**

- Data used has been taken from the Lowveld of the country where salinity is a challenge due to mass production of irrigated crops and flat terrain.
- The Highveld has a sloppy terrain and thus challenges are with soil erosion and soil acidity due to high rainfall.
- Working on map production which will be submitted in two months



# Global Soil Organic Carbon Sequestration Map

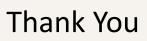
 This map is at finalization stage and the country is working on submitting it in a month's time.



## Challenges

- Lack of capacity (financial) to carry out sampling that is representative of the country.
- Lack of national coordination for soil issues
- None taking off of the national soil partnership
- Lack of land legislation





Merci

