



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

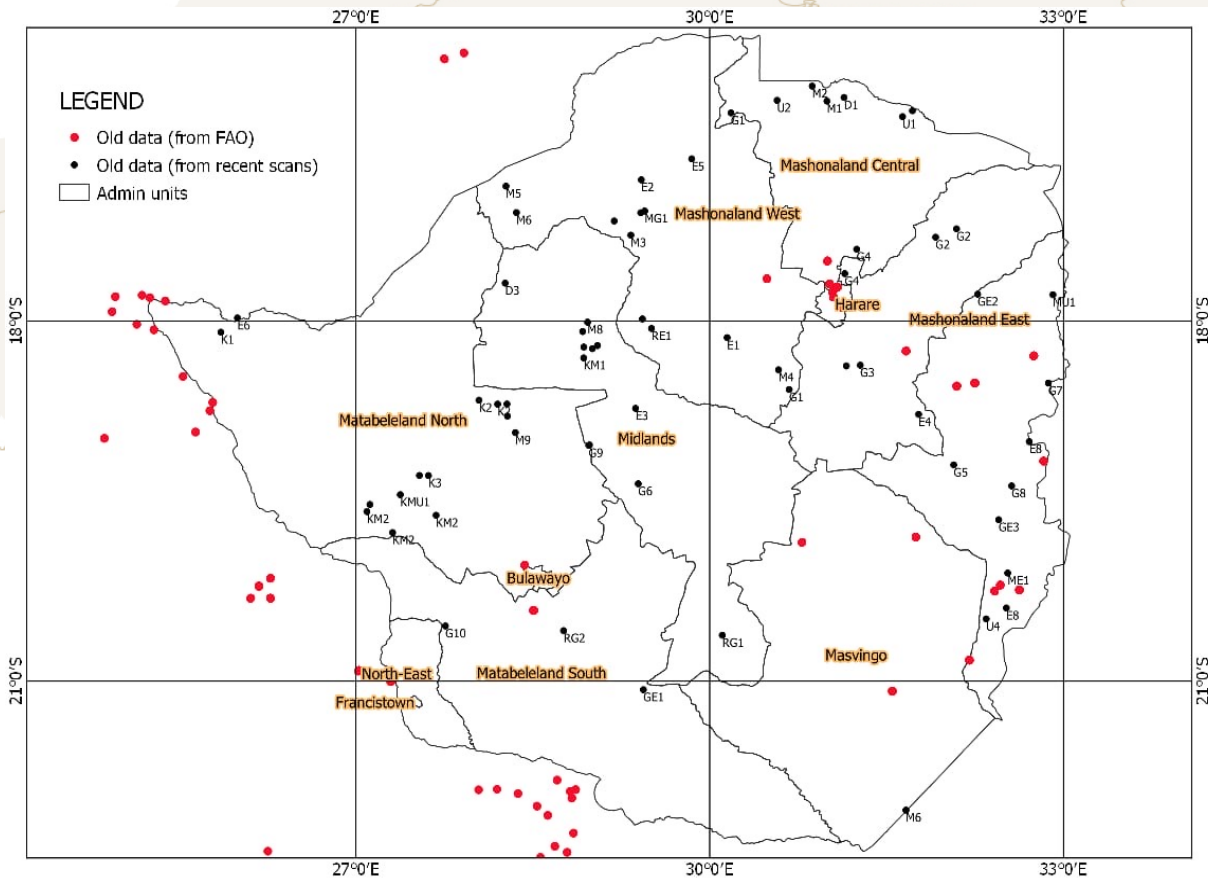
VIRTUAL MEETING  
6-7 JULY 2021

Soil salinity map of Zimbabwe  
Nyaradzo M. Muzira and Shelter Mangwanya



# Production of the soil salinity map

- Data sources included the Communal lands resource inventory (1993) and other soil surveys from later years from CSRI
- Data from neighbouring countries were used to drive a pedotransfer



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# Examples of salt affected areas in Zimbabwe



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# Key benefits of the salt salinity map

- Entry point for monitoring the current severity of soil salinity in the country
- Visual aid in communicating with stakeholders and policy makers
- Updating the map will show the development of saline soils in the country.

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# Opportunities for improvement

Create a Soil information system

Harmonize and digitize existing data

Blitz soil conditioning programme to access samples

Devise large scale methods to curb the increase in salt affected soils

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