

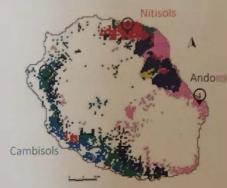
Soil spectral signatures for sugarcane fertiliser recommendations through an adapted soil typology

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CONTEXT

- Sugarcane sector is a major pillar of Réunion Island economy
- SERDAF: a tool for sugarcane nutrient management improvement
- SERDAF: Expert system based on soil types and soil fertility assesment
- Need to update the soil map to improve the nutrient management



Soil classification used on SERDAR

RÉPUBLIQUE FRANÇAISE

INNOVATION: USE OF SOIL INFRARED SPECTRA TO UPDATE THE SOIL MAP

■ 3500 soil samples → Location, near infrared (NIR) soil spectra, soil chemicals properties, mineralogy

