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*DEM*

**Vegetation data:** Harvested sorghum biomass samples

### ***2.2.3 Management Practices and Restoration Assessment***

The management practices and restoration assessment are based on a literature review that is composed of journals studying different practices and methods to decrease soil erosion. Around 30 articles were read and analyzed for this review. Some of them are listed below.

Authors

Sample Size



### ***3.1.1 NDVI***



healthy area is shown with dark green, the transition area with light green, and the eroded area is shown with yellow green. The plot ranges from day 64 (March 5th, 2022) to around day 270 (September 27th, 2022). To note, the sorghum planti







## **5. Discussion**







### ***5.3.2 Plant Growth Promoting Rhizobacteria***

Introducing plant growth promoting rhizobacteria (P





