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RANGELAND HEALTH ADVOCATES

Restoration of Rangeland Carbon Sinks for Increased Community Climate Resilience and Agricultural Outcomes:

Building a Network of Monitoring and Co-learning Rangeland Restoration Sites

The project focuses directly on addressing key knowledge and capacity gaps to enhance rangeland health monitoring with one key work area focused on building a gender-inclusive community of practice in rangeland health monitoring. These individual profiles of rangeland health advocates reflect on the experiences of women and youth who have been engaged in training, skills development and data collection in their local rangelands.

Name: Sophia Lepartingat

Age: 21 years



Place of Training:
Sera Conservancy

About the Land Degradation Surveillance Framework (LDSF)

The LDSF is a comprehensive method for assessing soil and land health, from the field to the use of new and advanced data analytics. The LDSF provides a consistent set of indicators and field protocols to assess the health of an ecosystem, including vegetation cover and structure, tree, shrub and grass species diversity, current and historic land use, infiltration capacity, soil characteristics and land degradation status.



Which LDSF activities were you engaged in, during the training?



Soil infiltration measurements during the rangeland health module.

What new skills have you learnt through this training? What did you learn in the LDSF?



I learnt how to work more efficiently. I also learnt to understand the relationship between soil, vegetation and water.

How will you use this knowledge?

“ I will be able to use this new knowledge to help my family as well as for my work. Using what I have learnt, I can give advice to my parents on how to choose the best place to plant our kitchen garden.



What did you enjoy most?

“ I was excited to finally conduct research. That was really amazing and educational, as it aligns with my field of study.

How has this training changed/impacted your agency or ideas for future skills building and work in your community?

“ It has taught me how to maintain healthy land. If the community can also learn to do this it will improve rangeland health, and also impact the climate in a positive way.

What message do you have for your community leaders on rangeland restoration?

“ We must take care of the environment, and avoid malpractices that damage soil and the land at large, leading to unfavourable environmental conditions.

How has the LDSF work changed your perception of your local landscape/environment?

“ It has greatly helped me to understand why the intensity of soil erosion in different regions varies after a rainfall, as I recorded the rate of infiltration of water in these regions.



Project Contact

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