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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:** Tnayai Eve Karerian

**Age:** 59 years



**Place of Training:**  
Noonkotiak grass seed bank, Amboseli

## 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.



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



- I learnt that you can collect soil samples and take them to the lab for testing.
- I finally understood why some areas within the grass seed bank are bare.
- I learnt that soil moisture is key for grass growth and that the soil moisture varies across the seed bank area.
- I also learnt that weeds can prevent grasses from germinating.

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

“ **Soil sampling during the rangeland health module.**

How will you use this knowledge?

“ **This information is useful for the grass seed bank and for our homes. There is an erosion gully near my home, and I will be able to use my new knowledge to plant grass and control runoff to the gully.**

What did you enjoy most?

“ **I enjoyed soil sampling the most because it's a new thing for me. I never went to school, but through this training I have interacted with a former university lecturer, which was also enjoyable.**



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

“ **I will share the knowledge on how to improve the health of our rangelands with the community.**

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

“ **Manure is cost-effective (we have it in our homes) and can be used to restore the land.**

How does increased knowledge of land health through trainings like these empower women?

“ **We need more trainings to empower women. With this knowledge, women can inform other pastoralists and farmers on what to do differently to improve areas that are not productive and/or overgrazed. Healthy soil and a healthy environment is like a healthy cow. The yield and return from a healthy environment is much higher, which will empower women economically.**



### **Project Contact**

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