



This Workshop

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Africa NDE Training Workshop on “Technologies for
Enhancing and monitoring Soil Carbon”: December 12-14,
2018

Introductions and expectations

- On each table: Please introduce yourself to the group in 5 sentences;
- Write your expectations from the workshop on a card and keep it with you till the end of the workshop
- Share with the table group
- One person from the table shares names, countries and at least one key expectation from the group at the end of exercise

Objectives of the Program

- Refresh participants on the **global carbon cycle, basic concepts of soil carbon sequestration; and challenges in enhancing soil carbon storage;**
- Present the latest **technologies having potential to enhance soil carbon stock** in Africa;
- Expose the NDEs to the state of art **soil carbon monitoring tools and approaches** at field, farm, district/province and national levels;
- Provide access to knowledge resources to NDEs and make these available for CTCN website for wider knowledge-sharing.
- **Participants (about 30)**
- **National Designated Entities** (or their nominees) and **Representatives of Ministry of Agriculture** from Botswana, Ethiopia, Kenya, Lesotho, Malawi, Mozambique, Namibia, Rwanda, South Sudan, Swaziland, Tanzania, Uganda, Zambia , Zimbabwe;
- Relevant Technology Experts from knowledge institutions
- Representatives from the **Host Country Government, CTCN and ICRAF**

Program: Day 1

- ***Understanding Soil Carbon;***
- ***Application of Biochar***
- ***Agroecological approaches***
- ***Agroforestry, Social Forestry, Plantation Management***
- ***ICRAF Lab Tour: Understanding the Potential of genomics for Organic Carbon Sequestration***

Program: Day 2

- ***Organic agriculture***
- ***Area Closures and reserves***
- ***Climate Smart Agricultural Practices***
- ***Conservation Agriculture with and without trees***
- **Advance Approaches to Monitoring and visualizing Soil Carbon stock**
- **Visit to ICRAF's Living Soils Labs**

Program: Day 3

- ***Geospatial Tools for Soil Health Monitoring***
- **Matching Soil Enhancement Technological Potential with country NDCs**
- **Plenary Presentations by countries and discussion**
- **Evaluation, closure, and departures**

Questions?



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