



VITAL SIGNS

GEF-LAND DEGRADATION MONITORING PROJECT TOOLBOX

LOCAL PARTNERS:

Centre de Suivi Ecologique (CSE) | African Innovations Institute (AfRII) | Tanzania Forest Conservation Group (TFCG)

vitalsigns.org/gef-ldmp

PROJECT OBJECTIVES

1

Methods for
assessing +
monitoring **status of
land degradation**

2

Demonstration of
methods + platforms to
**enable widespread
adoption**

3

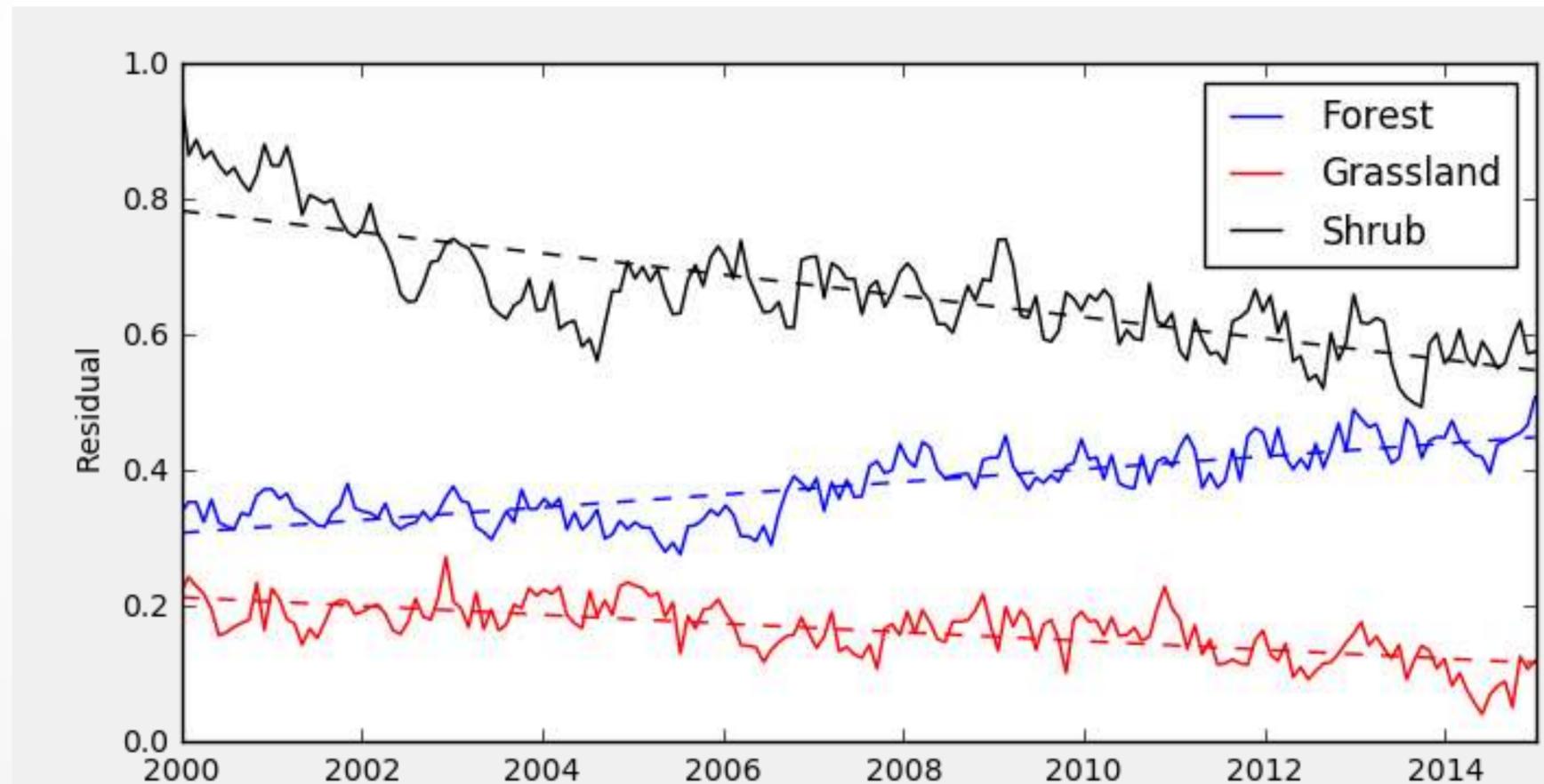
**Capacity
building + outreach**

THE TOOLBOX

- Free + open source
- Hybrid model: off-line processing + cloud computing
- Global data provided + ability to input datasets to customize outputs
- **Beta version available now, final version October 1**



Land Degradation Timeseries - [Preview]



Save image

Save data

THE TOOLBOX ALLOWS STAKEHOLDERS TO:

Process Indicators for SDG Target 15.3



Vegetation
Productivity



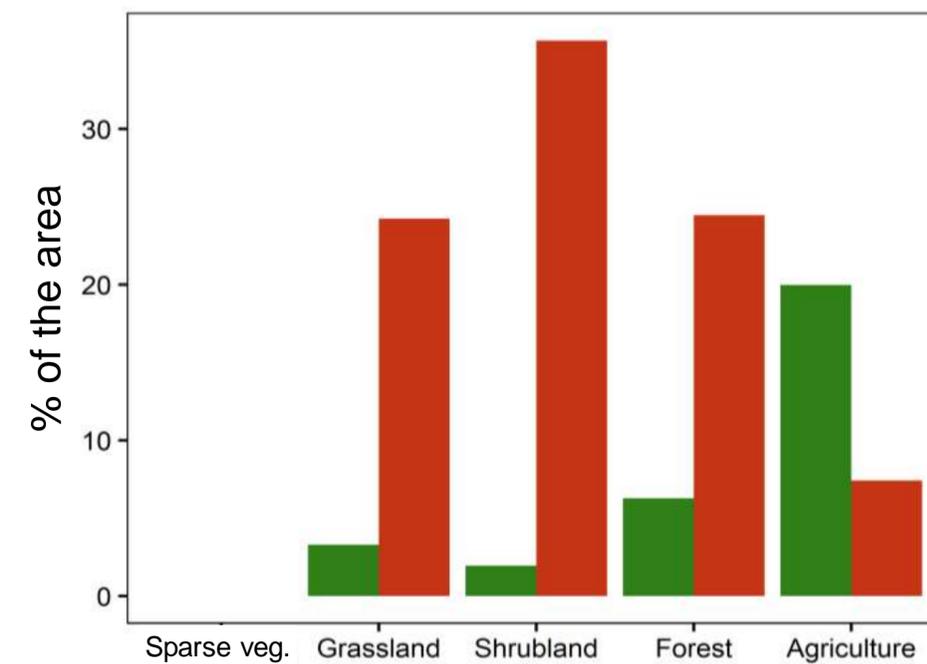
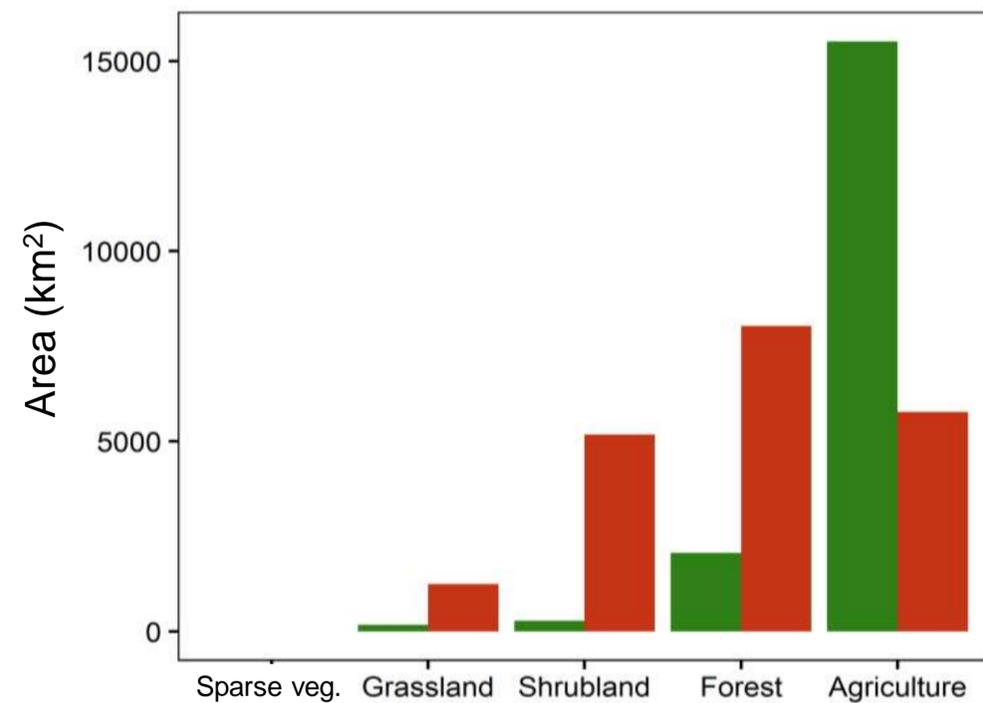
Land
Cover



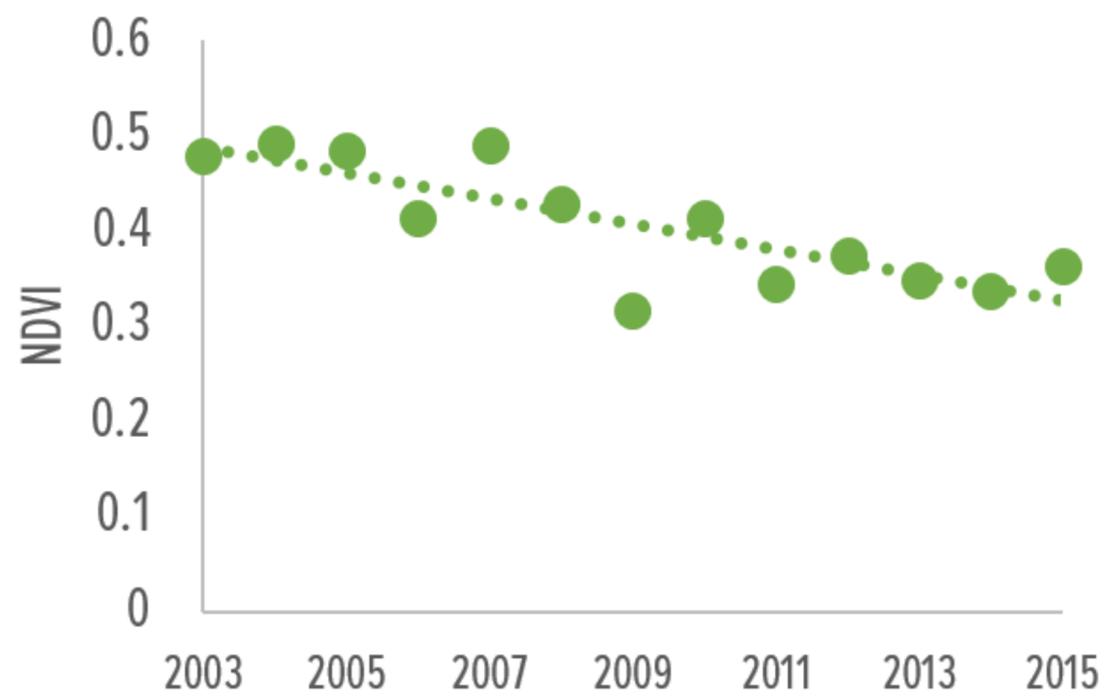
Soil Organic
Carbon



THE TOOLBOX ALLOWS STAKEHOLDERS TO:
Summarize by area and **by land cover type + change**



THE TOOLBOX ALLOWS STAKEHOLDERS TO:
Investigate trends + transitions via **time series plots**



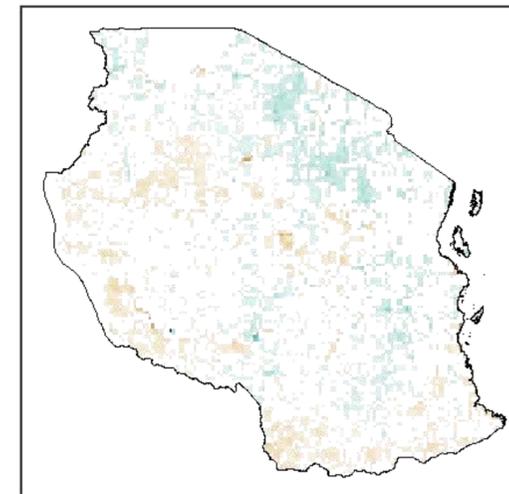
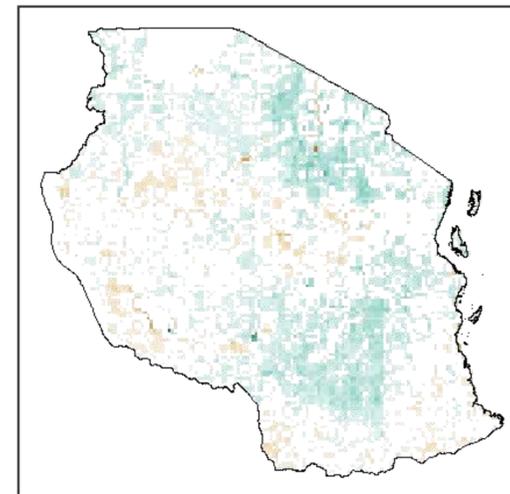
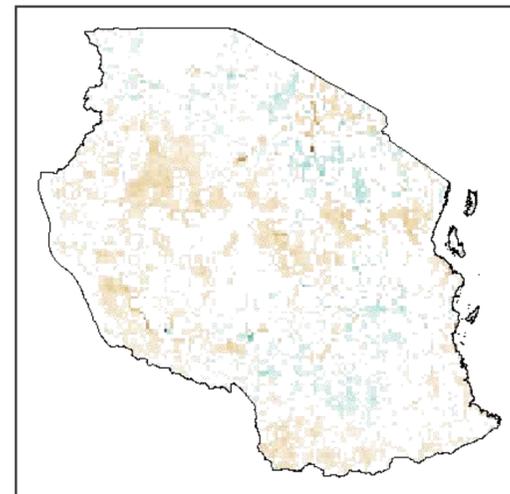
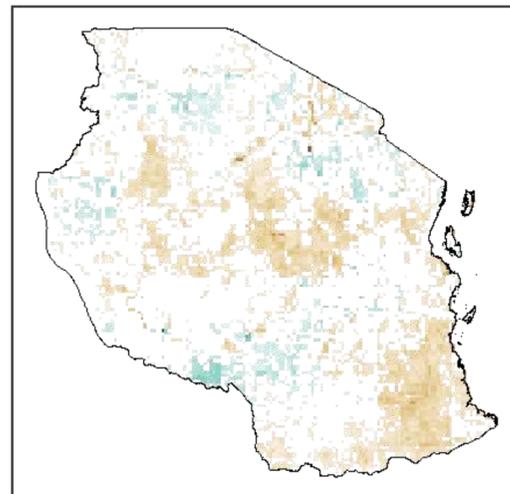
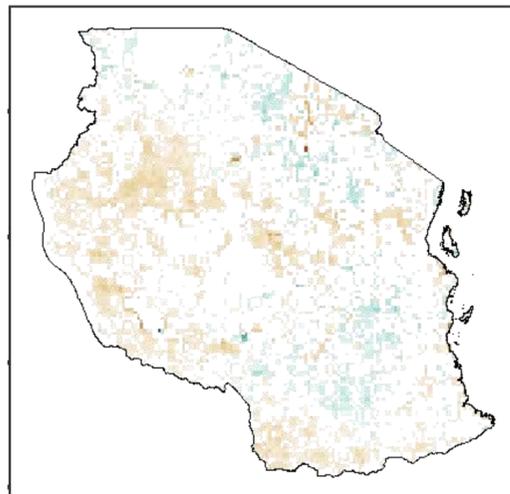
THE TOOLBOX ALLOWS STAKEHOLDERS TO:

Map outputs, including:

Indicator
results

Contextual info
(Landsat + commercial mosaics)

Ancillary data
(administrative boundaries, population
change, agroecological zones, etc.)



The background of the slide is a lush green tea plantation on a hillside. In the foreground, a person is seen from behind, wearing a headwrap and carrying a basket on their back. In the middle ground, another person is visible, also working in the tea field. A semi-transparent white map of Africa is overlaid on the left side of the image. An orange star is placed on the map, with the word 'Morogoro' written next to it. An orange arrow points from this star to the right, where an orange box contains the workshop details.

CAPACITY BUILDING + OCTOBER 2017 WORKSHOP

- Training on use of toolbox
- Case study approach to provide guidance on interpretation of indicators
- Post-workshop webinars

Morogoro

CURRENT STATUS:

- Toolbox + reports freely available
- Implementing capacity building component

MOVING FORWARD:

- Support reporting to GEF + UNCCD
- Guide countries toward achieving SDGs
- Pursuing funding for project continuity

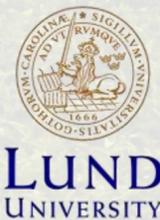
THANK YOU!

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