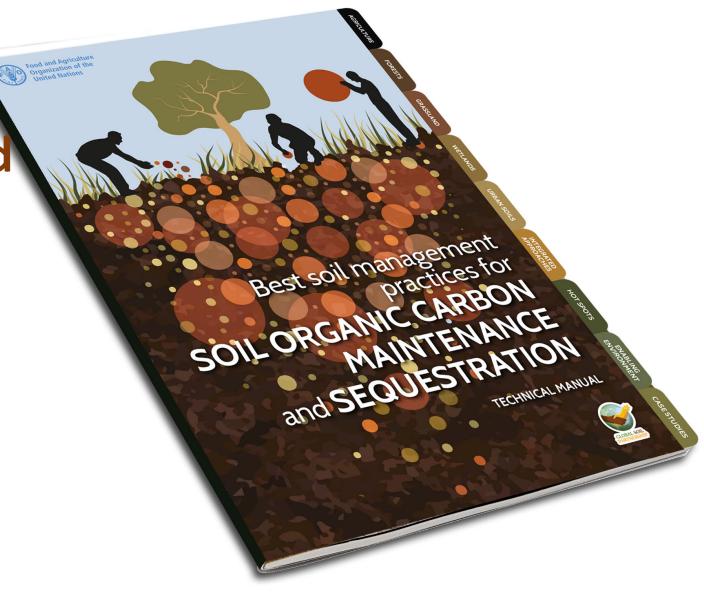




Item 4a: SOC Manual – status and way forward

Rosa Poch, ITPS Chair Rosa Cuevas, GSP Secretariat



Recarbonizing global soils: A technical manual of best management practices Main figures

WHAT IT IS	WHAT IT IS NOT
 The first attempt of gathering quantitative data A living document A compilation of practices/ case-studies showing an increase or a positive trend in soil carbon 	 A compilation of scientific papers Not an edited book Not a catalogue of certified practices

389 authors, peer reviewed Targeting experts AND non-experts

Scientific board:

ITPS; 4p1000 STC; UNCCD SPI; FAO (LEAP, Forestry, Agroecology); 4 Guest reviewers

AGRICULTURE FORESTS GRASSLAND WETLANDS URBAN SOILS INTEGRATED HOT SPOTS ENABLING CASE STUDIES

Recarbonizing global soils: A technical manual of best management practices Main figures

11 Hot spots / bright spots of SOC

(e.g. Drylands, Forests, Wetlands, Mangroves, Black Soils, Permafrost)

About 80 practices

- cropping systems (e.g. crop rotations, no-till, intercropping)
- grassland and pastures (e.g. conservation of grassland, pastoralism)
- forest management and sylviculture (e.g. Reduced impact logging, afforestation)
- wetland ecosystems (e.g. conservation of peatland, paludiculture, mangrove restoration)
- urban soils management (e.g. urban farming, green roofs)
- Farming approaches and integrated systems (e.g. crop-livestock systems, organic agriculture)

+ About 80 case-studies from all regions (short, medium and long term studies)

Recarbonizing global soils: a technical manual of recommended management practices

Publication Q2 2021

Volume 1

Introduction, Glossary and methodology

Volume 2

Hot spots and bright spots of soil organic carbon



11 areas of interest for high SOC storage and/or potential for SOC storage

Volume 3 & 4:
Cropland, Grassland, Integrated systems and farming approaches

Volume 3: Overview of practices

Volume 4: Case-studies



49 practices described 49 case-studies

Volume 5 & 6: Forestry, Wetlands, Urban Soils

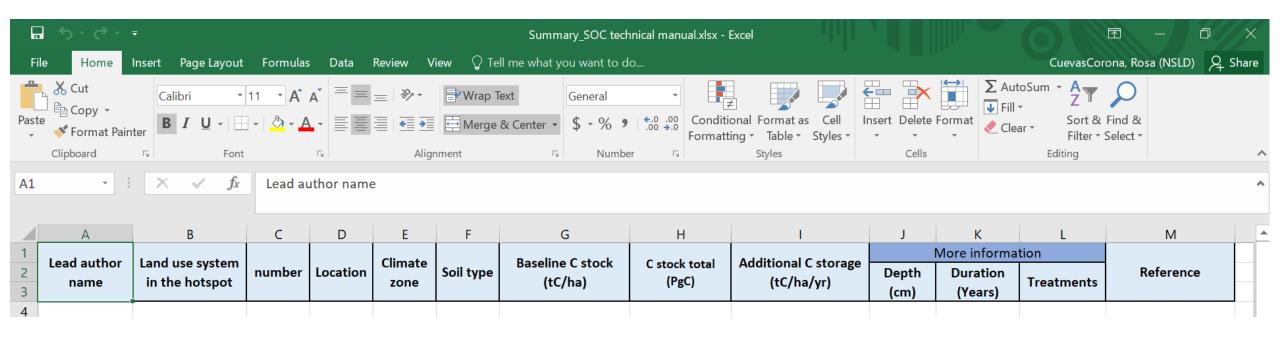
Volume 5: Overview of practices

Volume 6: Case-studies



24 practices described 31 case-studies

Summary table: Volume 2



Summary table: Volume 3,4,5 & 6

