

25-26 June 2019 in Lisieux, Normandy - France



Thematic Session 2: What kind of production systems are needed for the sustainable management of natural resources?

Workshop 2.1: Soil: fertility, biological life and fighting against erosion

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https://www.reseaurural.fr/Sommet-agri-innovation-2019 https://ec.europa.eu/eip/agriculture/en/event/agri-innovation-summit-2019











Cette action est cofinancée par le Fonds européen agricole pour le développement rural : l'Europe investit dans les zones rurales.





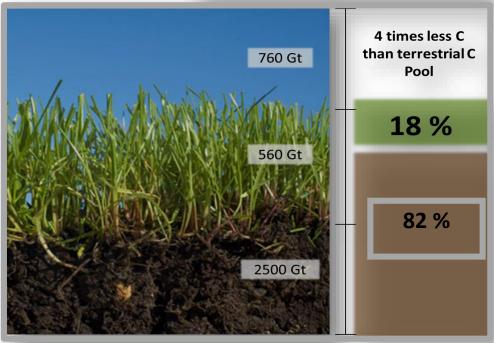
SOIL IS FERTILE

 Produces plant biomass for human use, providing 4F food, feed, fiber, fuel.



• Stores carbon.

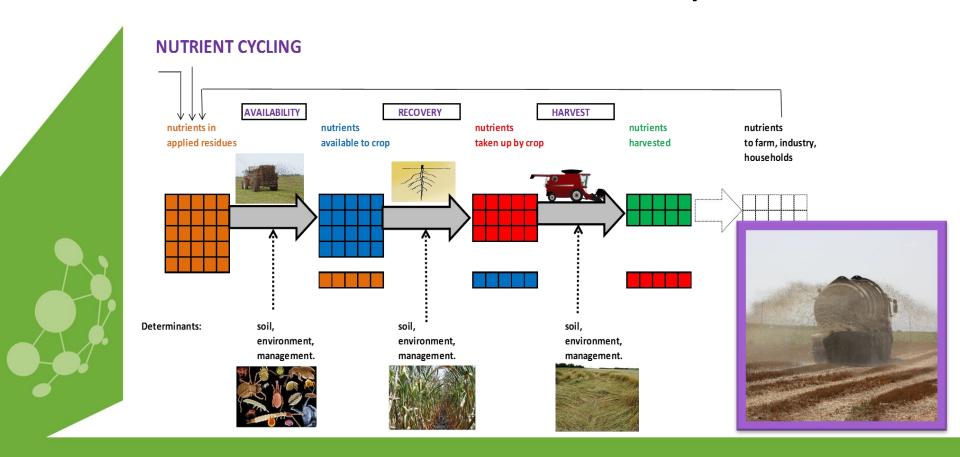






SOIL IS FERTILE

 Receives, provides and carries over nutrients into harvested crops

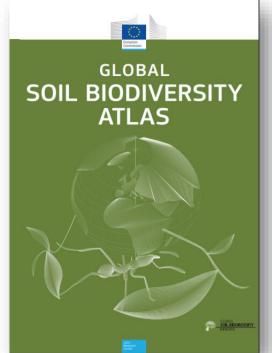




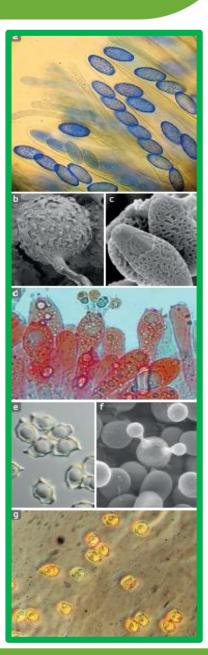


SOIL IS ALIVE

- Billions of soil organisms and biological processes, interacting in an ecosystem.
- Soil biodiversity is extremely diverse in shapes, colours, sizes and functions.









SOIL..

- Receives, stores and conduct water for subsequent use
- Preventing droughts, flooding, erosion and removing harmful compounds

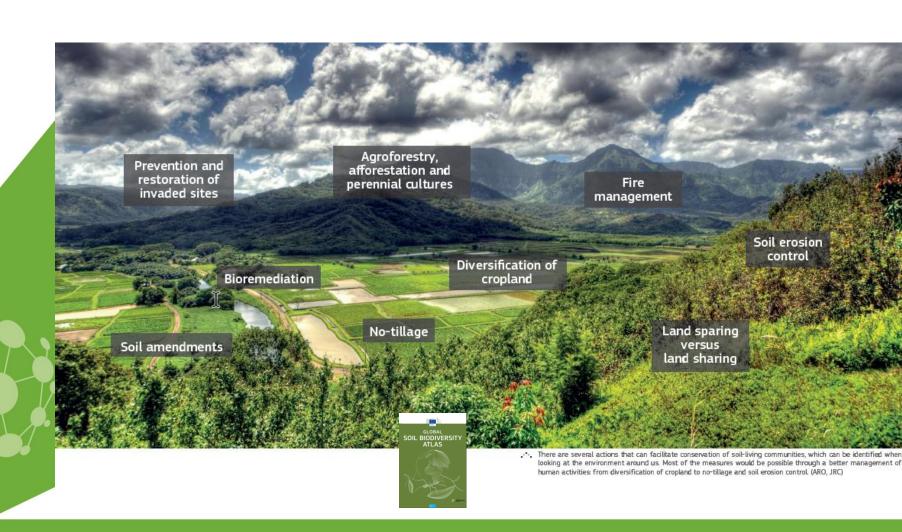




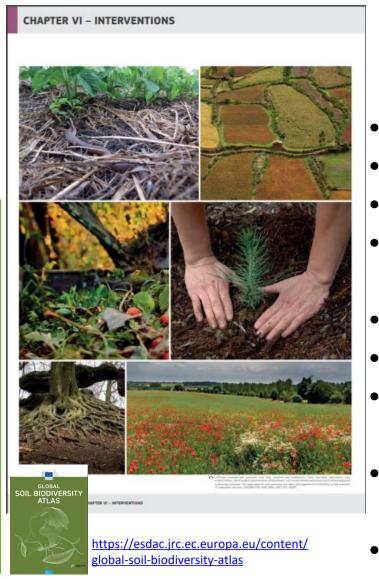




AGROECOLOGY & BIODIVERSITY







What is your agroecological solution?

- Maintain soil health?
- Maintain soil structure?
- Restore ecosystem functioning?
- Increase and monitor soil organic matter?
- Monitor soil biodiversity?
- Build on farmer's knowledge?
- Choose your crop rotation/mixture?
- Integrate crop production with livestock?
- Regulate the use of water in your farm?