

ENSA-JRC Workshop 2017 Bratislava



Giving Soils A Voice







Research Centre



Perception of soil over last 30 years







Raison d'être



Soll

December 2006

Soil is **the most important** (managed) **resource** on the planet.

<u>resource</u> on the planet.

The seven deadly things we're doing to trash the planet (and human life with it)

John Vidal

We weep at the disappearance of endangered species but avert our eyes to the causes of Earth's destruction





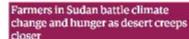
Losing soil

Soil is another ecological elephant in the room that no one wants to talk about. It teems with life, yet because of bad farming and forestry practices, it is being washed away very many times faster than it is being replenished. On soil's health depends much of the world's food and water supplies, the growth of most plant and insect life and therefore the food of life itself. According to some studies, its accelerating loss is now second only to population growth as the biggest

Essentially, all life depends upon the soil ... There can be no life without soil and no soil without life; they have evolved together." -

Charles Kellogg, 1938

Joint Research Centre



High word rains and increasing describination in the consensation of Geduref we destroying previously fertile soil and leaving villages anable to farm

Физилан фи



Warning over invasive flatworm posing threat to UK wildlife

Final Early worth arthy editors per plant from Pemperand previous study and earthy consists are essential for coll health.



lov 2016

Prince Charles joins clean soil project to combat climate change

Prince of Wales says soil health is of 'critical importance' as he joins initiative to keep carbon locked in the world's soils

Our best shot at cooling the planet might be right under our feet lason Hickel

Studies suggest that regenerating soil by turning our backs on industrial farming body that has be backless of industrial farming.



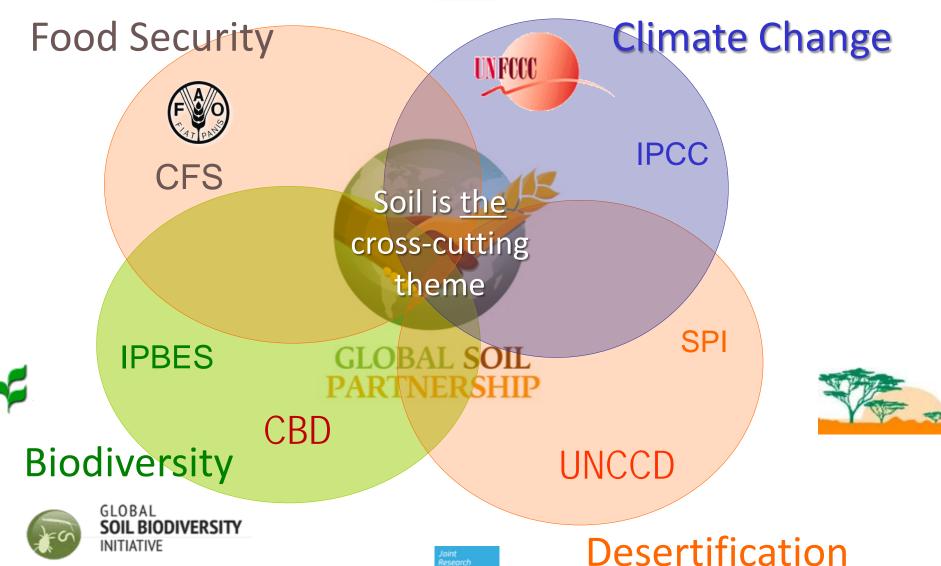


Earth has lost a third of arable land in past 40 years, scientists say

Experts point to damage caused by erosion and pollution, raising major concerns about degraded soil amid sugging global demand for food

Policy framework: Global







Explicit reference

Highly relevant

Very pertinent

THE GLOBAL GOALSFor Sustainable Development

Soil is a key component of SDGs







































Challenge

Long way from societal appreciation!

Drivers of politics and policies







- -Identify priorities and synergies
 - -Mobilize resources
 - Make a difference





"We abuse land because we regard it as a commodity belonging to us. When we see land as a community to which we belong, we may begin to use it with love and respect." - Aldo Leopold, 1949. A Sand County almanac



Thank you for your attention

