



Food and Agriculture
Organization of the
United Nations

GLOBAL SOIL PARTNERSHIP 10th Plenary Assembly



23-25
May 2022

VIRTUAL
MEETING

International Network on Soil Pollution (INSOP)

Prof. Ravi Naidu





What is the INSOP?

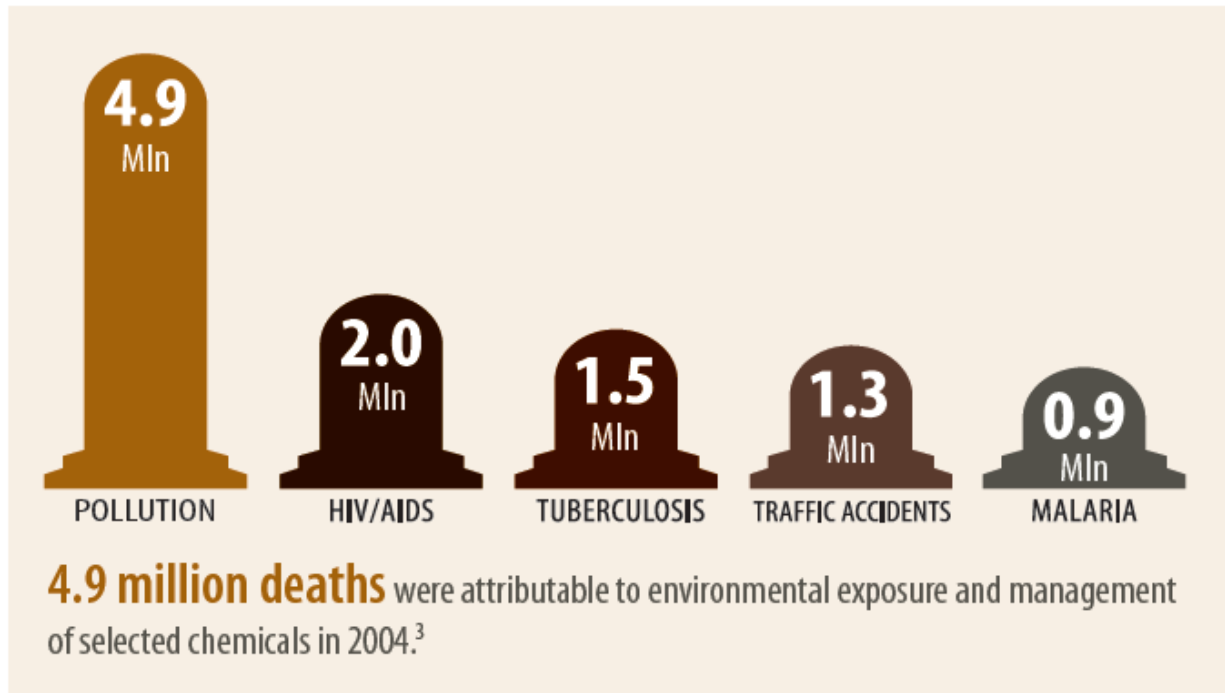
- An International Network on soil pollution focused on minimizing soil pollution and achieving the global goal of Zero Pollution
- The mission is to support and facilitate joint efforts towards reducing the risks of soil pollution and effectively remediate already polluted areas





The importance of INSOP

- > 100,000 synthetic chemicals produced
- > 10 million potentially contaminated



ESTIMATED REGISTERED
SYNTHETIC CHEMICALS

80,000



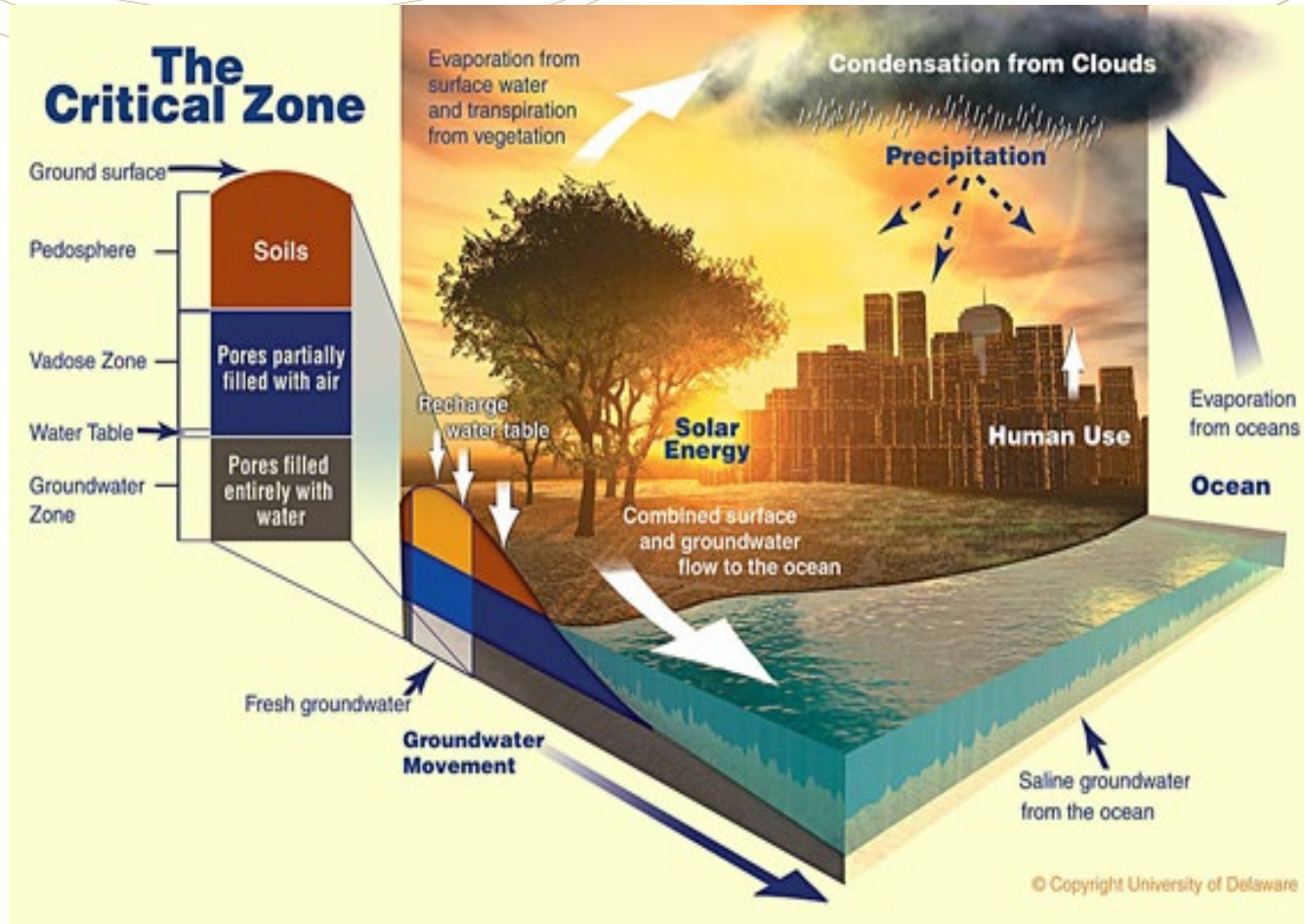
PERCENTAGE OF CHEMICALS
FOR WHICH EPA HAS
REQUIRED SAFETY TESTING

0.25%

Source: Center for Environmental Health;
www.ceh.org



Soil Pollution impacts the critical zone



These processes support and/or control many ecosystem processes

↓

Supply products that benefit society



INSOP areas of work

- INSOP focuses on six main areas of work under each of which various tasks will be carried out to achieve the overall goal
- It will work on improving knowledge on the full cycle of soil pollution, from assessment to remediation, as well as on the effect on environmental and human health and the provision of soil ecosystem functions and services





INSOP collaboration

INSOP will closely collaborate with other networks in order to achieve its global goal in eliminating soil pollutions. Examples of future collaborations are:

- **GLOSOLAN:** Harmonizing SOP's for soil contaminants. Creating the list of priority contaminants. Lab's capacity and equipment assessment
- **INSII:** Develop the methodology to map soil pollution. Generation of a spatial datasets on the distribution of polluted soils.
- **NETSOB:** Sustainable use and management of soil biodiversity for remediation and management of contaminated soils





How the Plenary can support INSOP?

- Encourage the participation of national experts in the Network.
- Contribute to the compilation of national information on polluted soils.
- Participate in efforts to prevent, regulate and control soil pollution.
- Advocate for the consideration of soil pollution in all related fora, e.g. One Health.
- Fund INSOP activities, from awareness raising and capacity building to field demonstrations to manage and remediate polluted soils.



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