



Food and Agriculture  
Organization of the  
United Nations



IUNG

Institute of Soil Science  
and Plant Cultivation  
State Research Institute



# Black Soils for food security and climate change adaptation and mitigation

**COP 24 side-event | 5th December | 14:00-15:30  
Lubelskie Climate Action Room 3 godz.**

Black Soils are characterized by a thick, dark-colored soil horizon rich in organic matter. Due to their inherent high fertility, these soils remain very sensitive to anthropogenic intervention and are prone to severe degradation. Because of their high soil organic carbon (SOC) content, they are also very sensitive and can be potential large sources of greenhouse gases. Extensively and intensively farmed, they constitute the food basket for many countries and the world. Notwithstanding the relatively small percentage (7%) of the world's ice-free land surface Black Soils cover, it is crucial to promote their conservation and sustainable use to maintain their functioning in order to sustain their supporting food security while protecting the environment and mitigating climate change.

Under the aegis of the **Global Soil Partnership (GSP)**, the **International Network of Black Soils (INBS)** was established with the aim of providing a platform for knowledge sharing for countries with black soils, discuss common issues related to the conservation and sustainable management of these soils and the need to foster technical exchange and cooperation.

***This side event aims at raising awareness on the importance of black soils for food security and especially climate change adaptation and mitigation. The importance of sustainable management of black soils will be discussed as a concrete action towards avoiding/reducing greenhouse gas emissions and thus global warming***

## Opening

H.E. Jan Krzysztof Ardanowski, Minister of Agriculture and Rural Development of Poland  
Mr. Zitouni Ouddada, Deputy Director, Climate and Environment Division, FAO

## Keynote

"The importance of black soils for climate change adaptation and mitigation" by Mr Olcay Unver, Deputy Director, Land and Water Division, FAO  
"Soil organic matter in Poland - drivers, management and trends", Mr. Grzegorz Siebielec, Institute of Soil Science and Plant Cultivation, Poland

## Panel discussion "Protect black soils, invest in the future"

- \* Mr Tekini Nakidakida, Ministry of Agriculture, Fiji
- \* Mr. Budi Wardhana, Indonesian Peatland Restoration Agency
- \* Representative from European Commission (tbc)

**Observance of the World Soil Day 2018, "Be the solution to soil pollution"**

**Conclusions and the way forward**

**Moderator : Malgorzata Buszo Briggs , Forestry Department, FAO**



COP24·KATOWICE 2018  
KONFERENCJA NARODÓW ZJEDNOCZONYCH  
W SPRAWIE ZMIAN KLIMATU

**BE THE SOLUTION TO SOIL POLLUTION**  
5 December 2018

