

## **Topic 2. Soil functions and soil health**

Soil functions and soil health are highly influenced by changes in climate, especially related to changes in temperature and in water regime. This will again influence the ecosystem services provided by soil. Soil health is important for the potential for food production, carbon sequestration and storage in soil, soil biodiversity, water purification, nutrient cycling, nutrient use efficiency, flood regulation. This session will put focus on how expected climatic changes can influence on soil functions and soil health problems and possible adaptations