Soil Resource
“Understand” “Manage” “Conserve”

To achieve the sustainable land management in each region, soil physico-chemical characteristics is quite important.
Visualization of invisible dynamics
“Nutrient dynamics in soil”

Fertilization (Input)

Crop uptake (Output)

Decomposition
Accumulation (Cycling)

Soil erosion (Output)

Leaching (Output)
Visualization of invisible dynamics “Nutrient dynamics in soil”

- Cultivation experiments in Tanzania → To improve the nutrient dynamics in Africa
- Cultivation experiments in Tsushima island → To conserve the biodiversity and yields
- Pot experiments → To use the recalcitrant soil P by leguminous plant

To manage and conserve the limited “Soil resources”