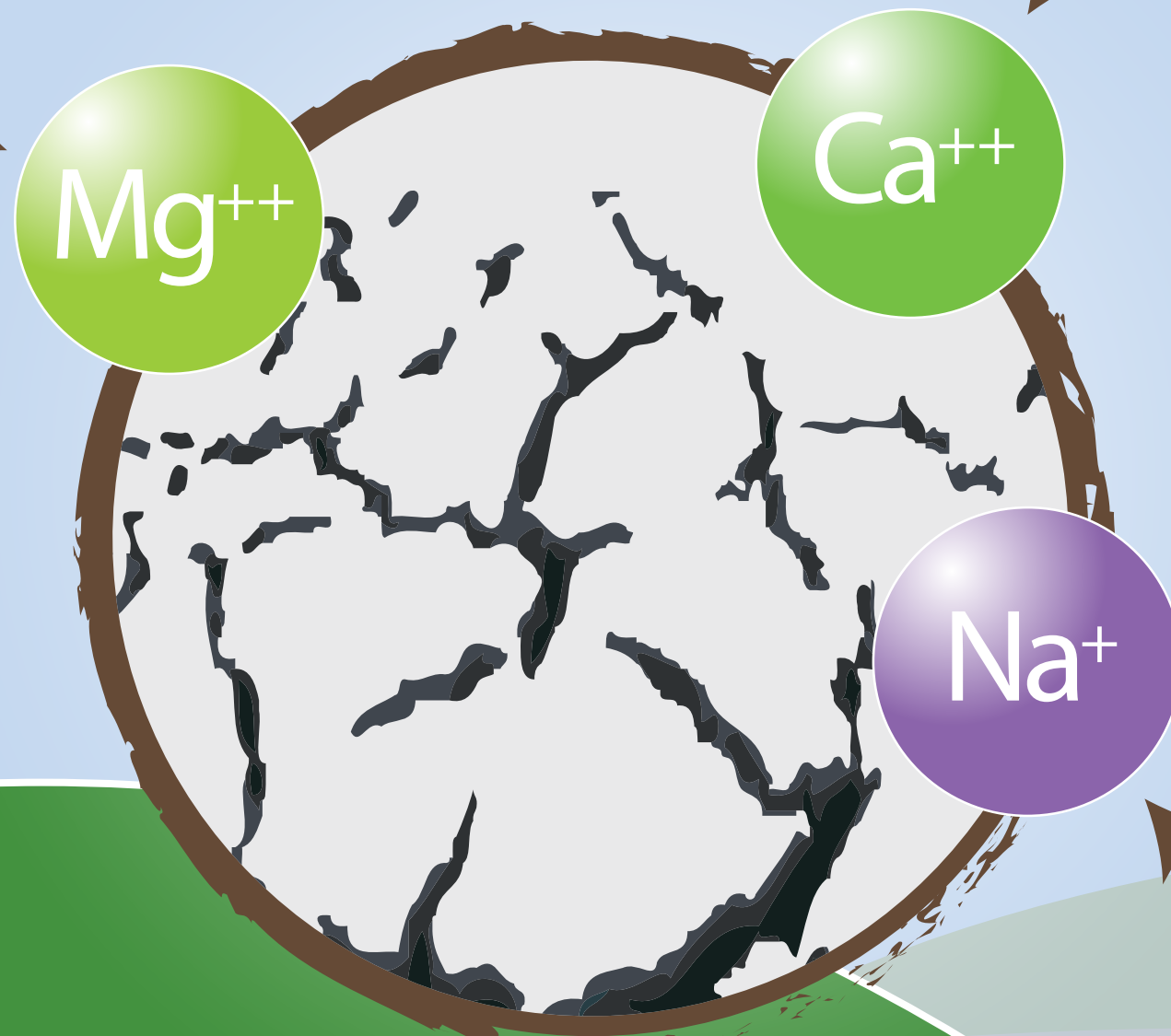




Food and Agriculture
Organization of the
United Nations

Soil salinization and sodification



Increase in water-soluble salts in soil, including potassium, magnesium, calcium, chlorine, sulphate, carbonate, bicarbonate (salinization) or high sodium content (sodification). It negatively affects plant growth, reduces crop yields and can make soils unproductive.

SOURCE: STATUS OF THE WORLD'S SOIL RESOURCES - MAIN REPORT

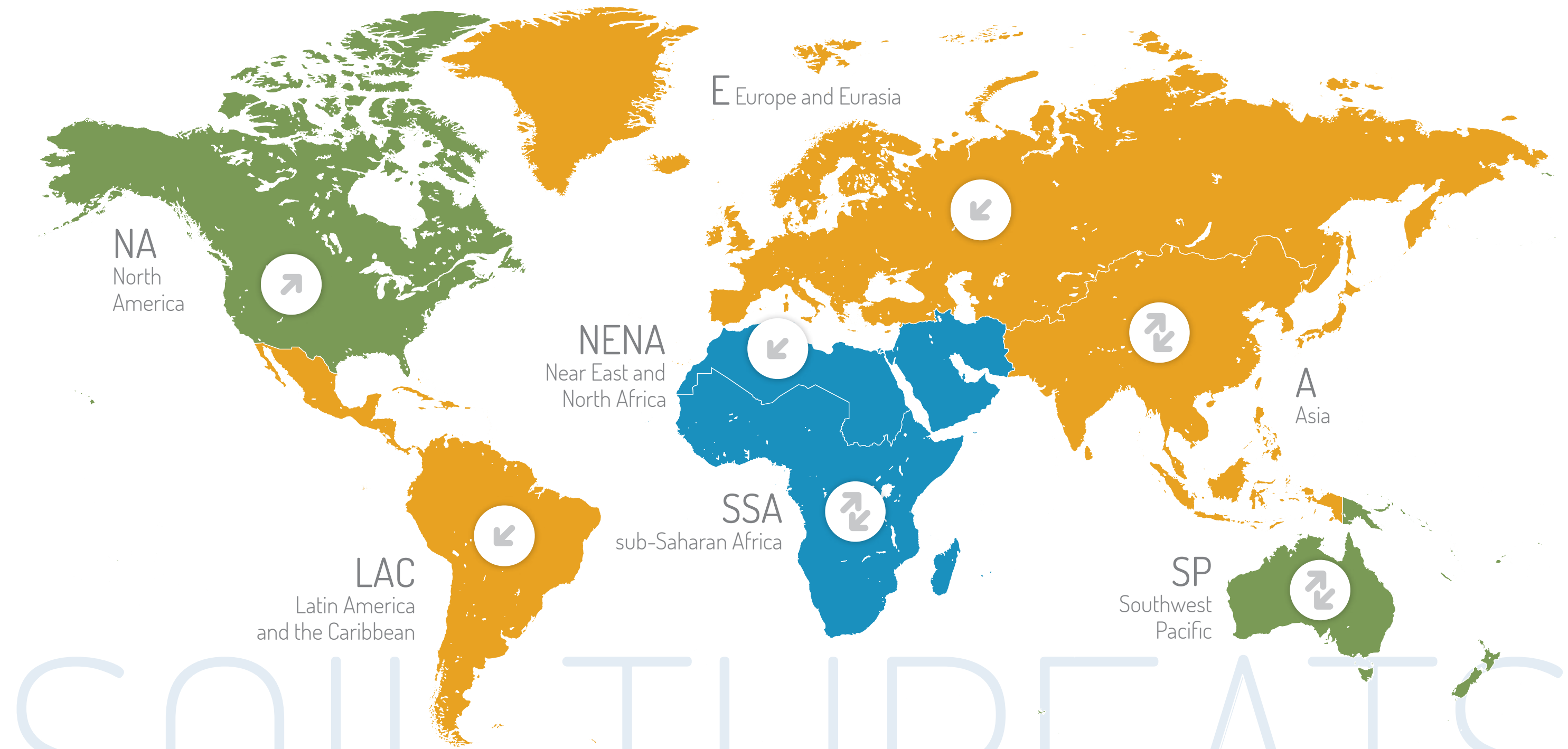


World
Soil Day
2016

USD 441/ha
is the estimated
annual cost
of salt-induced
land degradation

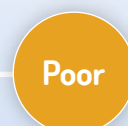
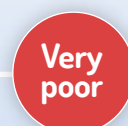


THE SOIL SALINITY THREAT CAN BE CONTAINED
BY DIRECT LEACHING OF SALTS, PLANTING SALT
TOLERANT VARIETIES, PHYTOREMEDIATION, CHEMICAL
AMELIORATION AND/OR USE OF ORGANIC AMENDMENTS



Soil salinization and sodification

Condition



Trend



Improving

Deteriorating

Variable

Stable