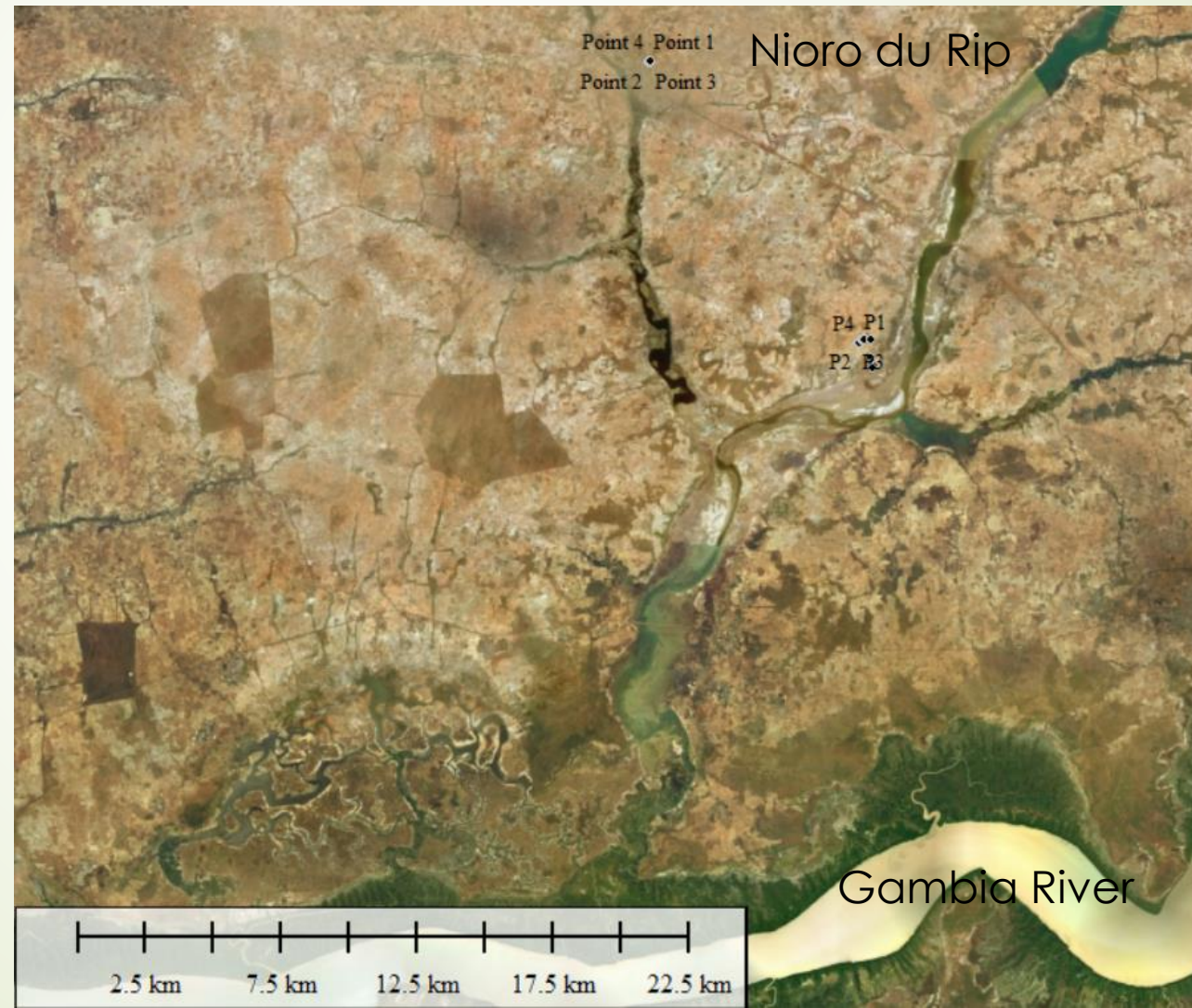
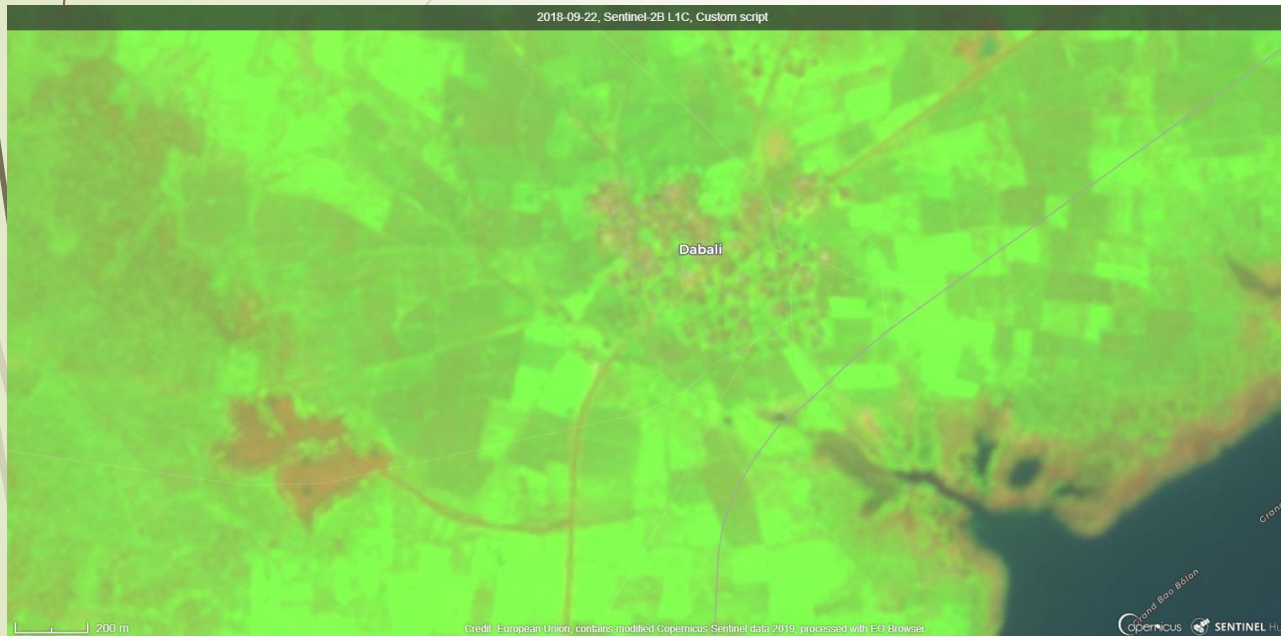


Project area near the Gambia border with sandy salty soils in advancing desertification



New SENTINEL 2 Satellite Images from 2018/19 showing seasonal vegetation change

Climate change causes irregular rainfall and desertification in traditional agriculture



Rain saison September 2108, Dabali Village



Dry saison of January 2019, Bands 11,8,2 enhancing agricultural activity

Peanuts monoculture under few acacias without fertilizers threatening soil fertility



**Planting 25 acacias/ ha,
Nitrogen content
of the soil
can be compensated !**

**Agroforestry needs new
space distribution by
participative village
planning**

Colonialism had negative impact on village agriculture. Peanuts were basics for food industry



First seasoning on peanut oil base

- Laterit soil hardening and rainwater run-off on hills through deforestation
- Soil-salinization by rising seawater penetration through climate change



Overgrazing and bush fires are intensifying desertification, lack of water complicates irrigation and composting



„Symbiose-Senegal“ promotes small vegetable irrigation at village wells with intercalary rows of trees for windbreak and fruit production

**Afforestation with Leuceana trees slows down the soil salinization.
GPS mapping allows for local land use planning**



Small scale solar water pumping and village land use mapping enhancing project efficiency



Mapping training in Nioro, first maps on Google Earth Pro based on accurate GPS survey



Soil Protection, organic agriculture and land use mapping in Tamil Nadu, India

Space2Live with Tamil Nadu Land Rights Federation



Harvesting millet and black grams in Sorayapattu Mapping Pamchami Land near granite mining



Figure 5: S2L-generated map of Sorayapattu's *Panchami* land and proximity of stone quarry.

