



## TERRITORY

Situated in the region of Ferlo in the north of Senegal, the area studied by the OHMi Tessekere is typical of the African Sahel. This vast area of bioclimatic transition between the Sahara region in the north and the Sudanese savannahs in the south is characteristic of the ecological and human crises resulting from the periods of drought that Sahelian Africa has been experiencing for several decades now. The study area is typically sahelian (poor rainfall, human pressure, modification of the major equilibria) affected by a major socio-ecological event; the innovative and ambitious pan-African woodland restoration programme known as the Great Green Wall.

## CREATION

June 2009

## SOCIAL-ECOLOGICAL FRAMEWORK

The socio-economic impact of climatic stress on the Sahel zone over the last four decades.

## DISRUPTING EVENT

Implementation of the Great Green Wall, an African Union (AU) project.

## KEY TOPICS

- Direct and indirect effects of the Great Green Wall
- Socio-ecosystem dynamics
- Biodiversity dynamics
- Ecological engineering
- Health and society



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## SOCIAL-ECOLOGICAL ISSUES

Implementation of the Great Green Wall project approved by the African Union (AU) in January 2007 represents an exceptional, combined initiative in the battle against the drought and for rural development never seen before in this region. It may have very positive and significant consequences on health, society, local economy and environment, both within the Sahelian society and in its interactions with its environment. The OHMi aims to analyse processes and interactions using an integrated approach to socio-ecological systems. This involves observing and evaluating the adaptability and resilience of the system according to four axes: "Water, Soil, Air" "Biodiversity (flora and fauna)", "Social systems" and "Health".

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