

Conceptual models of desertification in the Patagonian region

ARGENTINA / UNITED STATES / URUGUAY



 Webstory



The technological solution

Develop prospecting systems based on the historical behavior of the NDVI and climatic variables for farms in different regions and forage production systems, implementing management strategies that optimize the use of information in economic, social and environmental terms.



Description

Conceptual models of desertification in the region were developed, relating the changes in land cover to processes of deterioration of the vegetation and the livestock receptivity of the grasslands.



Results

- The distribution of types of land cover in the Pampean region was estimated.
- Land use maps of the entire region for the last 5 campaigns.
- Training for technicians and producers.
- Satellite and climatic information of the intervention area.

210

Farmers benefited

10

Publications

5

Thesis

ABOUT FONTAGRO

FONTAGRO is a unique cooperation mechanism for agricultural innovation in Latin America and the Caribbean (ALC) and Spain, that works through regional platforms. It is composed of 15 countries that have contributed capital exceeding 100 million dollars and the Inter-American Development Bank (IDB), which is its legal representative.

ORIGIN OF RESOURCES



● **Counterpart contribution**
93.177.555

● **FONTAGRO**
28.989.468

● **IDB**
9.922.700

● **Other agencies**
9.809.078

PARTICIPATION AND ROLE IN CONSORTIUMS SINCE 1998



FONTAGRO IN NUMBERS

193 Number of projects approved

141.9 Approved total amount US\$
MILLONES

9.8 Contribution from other agencies
MILLONES

32 Benefited countries

63 Generated technologies

15 New technologies for ALC

8 Technology of global relevance

MEMBER COUNTRIES

