Fakultät für Physik und Geowissenschaften Institut für Geographie





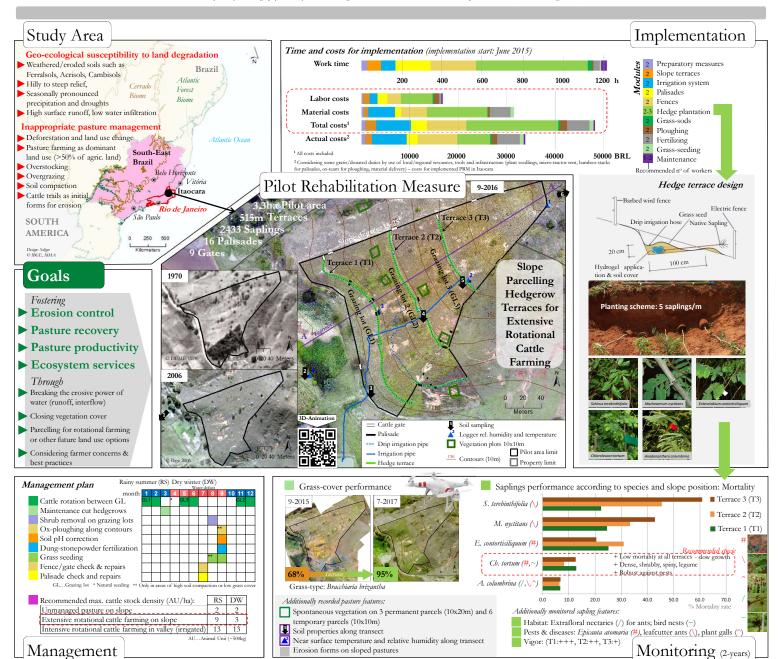




Implementation, Monitoring and Management of a Pilot Rehabilitation Measure on Degraded Sloped Pastures in Brazil

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Conclusion

Landscapes in SE-Brazil are severely degraded due to historic deforestation, geo-ecologic susceptibility and recent inappropriate land use. Today, the vast majority of pristine Atlantic Forest has been removed and replaced by pastures for smallholder dairy farming. In the state of Rio de Janeiro, hilly to steep relief positions and unsustainable or lacking management (e.g. overstocking, overgrazing) make pastures highly prone to erosion (sheet, rill and gully). Pasture rehabilitation measures (PRM) are urgently needed to avoid the development and expansion of badlands with no or low productivity. The presented PRM Slope Parcelling Hedgerow Terraces for Extensive Rotational Cattle Farming is a modular approach to reduce soil erosion and to raise pasture stability and productivity - at low cost, low man-power and taking into account farmers concerns and best practices. It is embedded in the overall concept in moving dairy/cattle from sensitive, extensively used sloped pastures to stable, intensively used plain areas (rotational grazing).

