contact@ekolomundo.org
https://www.ekolomundo.org
https://www.ekolomundo.org/adherer

#decline in productivity | #demographics | #soil depletion

Publication: Erosion Control: Tropical Soil Rehabilitation and Protection Against Extreme Rainfall

Structure : IRD



Faced with demographic and land-use pressures in developing countries, land productivity is currently declining sharply in many tropical regions. Furthermore, the rapid succession of cyclonic storms is leading to extreme impoverishment among certain populations due to land degradation and flooding of the plains where major urban areas are located. The contributions published here focus on case studies in Haiti, as well as in Madagascar, the Maghreb, and Vietnam, comprising a total of some sixty papers and a series of recent documents based on expert analysis.

SUMMARY

1. Effectiveness of erosion control measures on restoring soil productivity

2. Impact of the LAE on water dynamics: from the plot to the watershed
3. Agronomic aspects of conservation water and soil management
4. Role of trees in water and soil conservation management based on the regional water balance
5. Spatialization of risks from various types of erosion (GIS)
6. Socioeconomic aspects of erosion control

CHARACTERISTICS

- Publisher: IRD Editions / AUF
- Series: Conferences and Seminars
- Publication date: April 6, 2012

ROOSE, Éric (ed.); DUCHAUFOUR, Hervé (ed.); and DE NONI, Georges (ed.). Erosion Control: Rehabilitation of Tropical Soils and Protection Against Extreme Rainfall. New edition [online]. Marseille: IRD Éditions, 2012 (accessed November 28, 2018). Available online: . ISBN: 9782709922753. DOI: 10.4000/books.irdeditions.12419.

IRD: a French multidisciplinary public research organization that, for over 80 years, has been engaged in equitable partnerships with countries in the Global South and in the French overseas territories.

As a key player in the international development agenda, it focuses its priorities on the implementation of the Sustainable Development Goals (SDGs).

Together, the Institute’s scientists and partners propose concrete solutions to address the global challenges facing societies and the planet. This win-win relationship makes science and innovation major drivers of development.

Liens

https://www.editions.ird.fr/produit/67/9782709922753/lutte-antierosive