

River Fringe Protection Guide

Potential Climate/ Disaster Impacts addressed and Justification for this Approach

This document proposes a methodology that includes hydro-geomorphological, social and environmental criteria for the delimitation of buffer zones in urban, peri-urban and rural areas. This focus enables the improvement of spatial planning and management; and the conservation of the environment and of the water resources.

Process of Implementation

Zonation Guide: This technical guide focusses on the delimitation of three protection zones: The Water Domain Zone, Environmental Protection Zone and the Public Use Domain Zone. In this context, the Guide is oriented towards delimiting the Environmental Protection Zone, as a measure to protect riverbeds, biodiversity and protect the population from extreme events (flooding and recurrent landslides). Additionally, the guide identifies activities to restore, recover and properly management water ecosystems.

Project Title

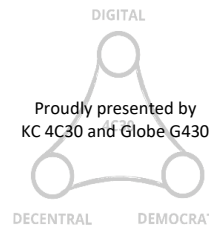
Programme for Sustainable Drinking Water and Sanitation Services in Peri-urban Areas - PERIAGUA III

Project Number

2019.2159.2

Results and Impacts

The guide is a technical-legal tool for the adequate delimitation of river strips and applicable in planimetry procedures, approval of land plans, condominium projects, expert reports in administrative procedures and judicial processes, projects and public works.



TYPE OF APPROACH

Planning approach & decision support tools



COUNTRY

Bolivia



LEVEL OF INTERVENTION

city, neighbourhood



TYPE OF RISK MANAGEMENT

prevention, resistance, transformation



MAIN HAZARDS ADDRESSED

flood, storm, landslide



URBAN FUNCTION PROTECTED

Basic existential functions (water, electricity, etc.), Recreation, Housing



SPHERE OF INTERVENTION

socio-political sphere/ governance, economy, environment



RESOURCES REQUIRED

Multidisciplinary technical team and logistical support



COOPERATION PARTNERS

Vice Ministry of Drinking Water and Basic Sanitation. City municipal government: Secretary of Urban Planning, Secretary of Environment.