

CAPACITY BUILDING IN ECOHYDROLOGY AND PROMOTION OF ECOHYDROLOGY DEMONSTRATION SITE **PRACTICES ON RIBB WATERSHED & LAKE TANA SHORE, ETHIOPIA**

Demosite description

Lithology / Geochemistry

The geology of the area is dominated by a huge volcano system named as Guna mountain shield volcano. The common rock type for this material is basalt





From Y. Z. Negussie and M. Zalewski, 2014

Main description:

Ribb watershed is located in Lake Tana Sub Basin, NW part of Ethiopia, in Amhara Regional State. Ribb watershed has a total drainage area of 1790 km² and the main Ribb river is about 129.7 km long, flowing towards the west until it reaches Lake Tana.

The watershed demonstrates severe land degradation. The problem has been long aged and deep rooted, as the watershed is one of the aged agricultural areas. The long aged agricultural activities resulted in progressive depletion on resources through haphazard deforestation, overgrazing and over cultivation and hence severe soil erosion and land degradation (*fig.1*).

This project aims to establish a UNESCO Biosphere Reserve at Lake Tana -For People & Nature.







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