

THE ACTUAL STAGE OF THE EVOLUTION OF BRASILIAN COVER: ITS IMPORT FOR THE HYDROGRAFIC AND RELIEF RE-STRUTURE

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The studies developed by the pedological team of the IG-UFBA Geochemistry Department, in several Brazilian regions, inclusively these that have hot and humid tropical weathers, have been demonstrating that such pedologic covers are suffering a strong process of transformation, due to the performance of the pedobiogeochemistry and bioclimatic process. In the work, it is discussed the transects that were studied in several localities, the Tertiary sediments of Barreiras Formation in the south-east, north-east and north of Brazil, and other transects that were studied in the Brazilian semi-arid regions, likewise the pre-cambrian rocks and even the tertiary sediments, showing the transformation performance in the pedologic cover. These works signal that, the pedologic cover that were developed on Coastal Plateau and most of the tertiary inland where soil of Yellow Latosol were in the a determined moment formed, are in a transformation process for podzols, being or not these process associated to the structural problem of the sedimentary area. In another way, large part of the latosols in the semi-arid, suffered transformation process for soils like planosols, vertisols and similar. The existence of these processes and the transformation that were produced, gave rise inevitably to a radical change in the shape of relief, and in the hydrographic conduct of the regions that were affected.