

Impact of reforestation work on vegetation cover in semi-arid region: the case of EL Green Dam to Bayad (Naama Wilaya)

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Abstract

Some ground Works on vegetation cover in the Green Dam in semi-arid region known by the scarcity of water volume recorded in the rainy season and elevated intensity recorded over a short period. Negative impact on the structural stability of soil, as a result their sensitivity to the erosive phenomenon follows reduction of plant and tree canopy, loss of the soils water retention capacity, runoff, hydric erosion and wind erosion. Finals consequences are to greater fragility of the environments, followed through a gradual process gullies by the disappearance of thin vegetation cover in place.