

Reasons of Erosion

There is erosion on 59% of the agricultural area, 54% of the forestland and 64% of the rangeland in Turkey.



While the amount of soil moved was 500 million ton/year, it was decreased to approximately 220 million ton/year as a result of erosion control, afforestation activities, improvement of degraded forest areas, improvement of rangelands, developments in irrigation techniques in agricultural areas and evaluation of sediment data measured in rivers.



ICT +90 312 212 50 00

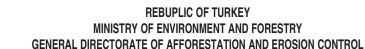


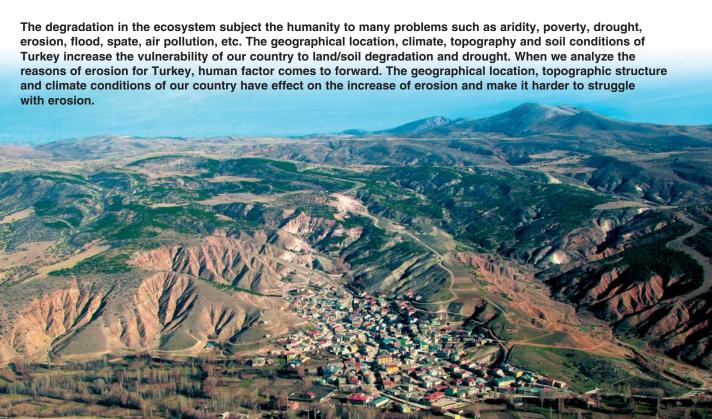




Turkey has rich biological diversity value for plant types other than forest trees, non-wood forest products and fauna resources. The forest area in Turkey has been increased by 1,3 million hectares with the activities performed in the last 37 years.

State of Forests in Turkey







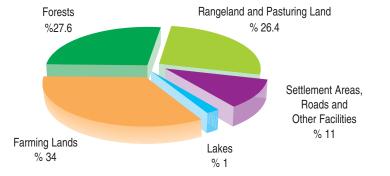


EROSION CONTROL ACTIVITIES IN TURKEY

Forests cover an area of 21.5 million ha. in Turkey (27.6 % of country's land surface). 99.9 % of country's forests are owned by the state. Thereabout half of the forests consists of coniferous species and the other half consists of broad-leaved species. Besides possessing circa 9000 plant species, including 3000 endemic species, and rich fauna resources; Turkey is among the temperate zone countries which are rich in terms of biological diversity. In Turkey; the distribution of forest ecosystems is as follows; rainforests and temperate zone in the north, Mediterranean forest ecosystems in the west and south regions, arid-semiarid forest ecosystems having mainly oak species in the East-Southeast regions, and transition zone forest ecosystems in the coastal and inner regions. Turkey's forests have rich biological diversity values in terms of plant species other than forest trees,

Lands Distribution in Turkey

non-wood forest products and fauna resources.



www.agm.gov.tr

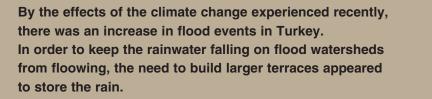


Works Performed

As a result of the activities performed,
OECD General Secretary Angel GURRİA states that
"Turkey is the world leader for combating the erosion".



ol Activities





According to interval length calculated as per the maximum precipitation on arid and semi-arid areas in Turkey, mini excavators are used in grading type terrace with 150 cm width.



Administrative measures to prevent human intervention and cultural measures such as forestation and vegetation activities to prevent the surface erosion are taken.

Along with these, in the erosion control activities;

- Terracing activities to prevent the surface erosion,
- The facilities such as dry wall, live threshold and wire net are used to prevent gully erosion.





