

FOREST CONVERSION

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The Forestry of Turkey

On earth, the forests come first the means which represents the nature in great size. The forests with their fullage, colour and glimmerings, and also with their fullage, colour and glimmerings, and also with their wild beautiness arouse deep pattachment in the human soul.

The forest with the fauna in which it gives shelter is a great field which arouses admirance in the human heart. Therefore, the forest impresses the aesthetic soul of the nations and becomes source of inspiration by using their feelings.

We can divide their utilities to the society life into two groups :

- 1- Material advantage
- 2- Spiritual advantage

1- Material advantage : Thu utilities of the forests are very much. The most prominent of them is that, ist products are used as raw materials in the branch of work and industry. It is known that using place of the wood as a raw material is more than 6000.

2- Spiritual davantage : It positively develops the climate of the environment on which it settles, the water regime, the dampress of the soil, the wind speed.

Our Forest Wealth

In the extension of the forest of our country, the relations between climate and soil have become a factor. In addition to them the morphologic structure has played a part in the concurrence of the tree types beside different formations. With the present situation, the borderline of the forests becomes narrow in the horizontal and vertical direction as a result of irregular using and destroying for 5000 years.

The Fields Covered by Our Forests

The whole square of our country is 77.056.192 hectare. The forests cover 22.199.296 hevtare field in this square. In the indicated forest area, the unfertile forests are 11.342.839 hectare. This ratio covers % 56.15 of our country forests approximately. It is more than half of our forests.

Schema 1. The forest areas according to their qualities.

Quality	Wood Forests			Wood Forest	Firewood	Woodland
	Canifers Ha	Leafy Ha	Mixed Ha		Ha	Ha
Fertile	4564035	1007169	605695	6176899	2679558	8856457
Unfertile	3951197	497352	309219	4757708	6585131	11342839
Total	8515137	1504521	914914	10934607	9264689	20199296

The Forest areas According to the three types

Türkiye forests are very wealth from the point of view of tree types. The area covered by the trees which take place in thi forest. I has been given in the schema 2 according to the tree types. According to this schema there are many calabrian cluster pine from the types of stile petabus tree. After in order Scotch pine, scotch fir, spruce, and Cedar come.

In the wood Forests which come intozexistfrom the leafy tree types, beech tree, covers the greatest square. After this, Oak, Alder tree, Chestrut tree.

Also, in the fire wood Oak usually exists as mixed.

Schema 3. The Annual Fertility Amount of the Forests.

Quality	Canifers	Wood (m ³)		Firewood (stere)
		Leafy	Total	
Fertile forest	15.593.042	5.198.630	20.791.672	6.417.596
Unfertile forest	1.092.668	251.076	1.343.744	1.486.123
Total	16.685.710	5.449.706	22.135.416	7.903.719

Schema 2. The forest areas according to the tree types.

Tree Types	Wood Forests			Firwood Forests		
	Fertile	Unfertile	Total	Fertile	Unfertile	Total
	Ha	Ha	Ha	Ha	Ha	Ha
Calabrian cluster pine	1784068	1311996	3096064	-	-	-
Crimean pine	1396511	807870	2204381	-	-	-
Scotch pine	275219	262923	738192	-	-	-
Silverfir	128249	55631	183880	-	-	-
Spruce	82361	53598	135959	-	-	-
Cedar	67850	3175	99325	-	-	-
Juniper	70515	855307	925822	-	-	-
Other Canifer	1488	9828	20549	-	-	-
Leafy	548053	1187	1675	-	-	-
Beech	495842	561272	1109325	32208	19784	51992
Oak	173573	118773	380118	2049588	2171287	4220875
Hornbeam	1254	2274	3528	231	418	649
Alder	3362	3749	7111	-	-	-
Chestnut	6270	4479	11199	3377	448	3825
Maple	1661	1851	3512	-	-	-
Eucalypt	2429	-	2427	-	-	-
Sweetgum	980	357	1337	-	-	-
Others leafy	663	1575	2238	931	1694898	1695829
Leafy mix	297565	144680	442245	593223	2698296	3291519
Canifer mix	605695	309219	914914	-	-	-
TOTAL	6176899	4757708	10934607	2679558	6585131	9264689

Between 1963-1990 years, according to the inventory arranged by resting on the plans of forest management, the annual increasing amount of the wood forest management, the annual increasing amount of the wood forests is 7.900.000 stere.

The Activities of Forestry

The whole productivity, investigation and the other forestry activities in Türkiye are advanced by the 24 office of the Forest District Management.

Study activities on the management of the forests in a rational way and gaining of the forest field by afforesting have been doing. By taking into consideration of the climate districts, the established Investigation Institutions have been working on the problems of forestry and on the practice projects. Up today, 282 studying projects have been resulted.

Product : Every years, as average, 7.000.000 m³ industrial wood, 17.000.000 stere firewood and 2500 kg. resin are produced from forests.

Afforestation, The control of Erosion and Pasture

The increasing of population according to years and parallel to the developing economy the deficient of forest products are increasing. To close this deficiency the unproductive forest field must be fertiled through afforesting theirs field.

On the other hand, the afforestation have been making for preventing the departing of the country soils by water and wind erosion, for arranging the defective balance among land, water and plant, and for improving the meadows.

All over the country, 442 water reservoir, in some of them reservoir study and first draft studies have completed. According to the data of the completed projects it has been found that economic afforestation in 5.349.617 hectare of unfertile forest field, the control of erosion in 256.362 hectare, and improvement of meadow in 1.073.218 hectare can be made.

Uptoday, inward afforestation in 1.330.634 hectare, outward afforestation in 34.683 hectare, erosion control in 179.769 hectare and studies of meadow improvement in 52.180 hectare have been made.

It has been begun to make production from the afforestation areas constructed in the preceding years. It has been aimed to increase the workings of afforestation to the 300.000 hectare.

In Eastren Anatolia District, in Erzurum where I have been living there are 6576 hectare forestry areas and the afforestation of 5944 hectare has been completed at the end of 1990. The afforestation of the remain areas, 412 hectare, will have been completed in future years.