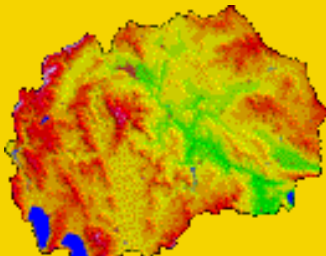


State Of Environment Report

State of environment in



Republic of
MACEDONIA



Makedonski

● Present & Future

- Environment Management

● Environmental Policy

- Standards & Regulations

● Priority Activities

- Setting of Priorities
- Action Plan

● Quality of Living

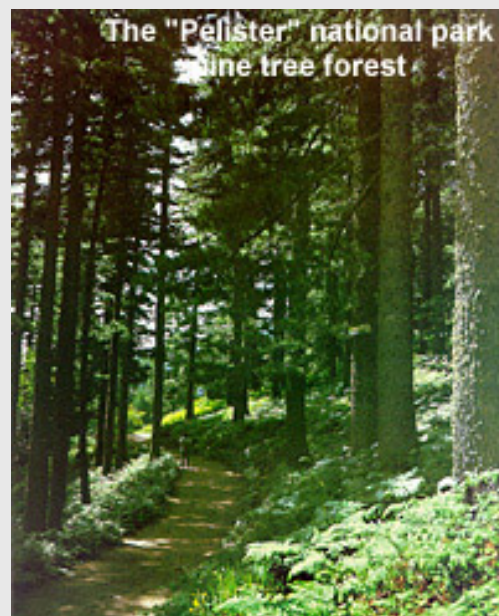
- Population
- Air
- Water
- Waste
- Land
- Forests
- Natural Heritage
- Cultural Heritage
- Noise
- Ozone

FORESTS

The forest stock in the Republic of Macedonia consists of 319 species of trees and bushes, with more than 80 sub-species and varieties within 119 geneses and 54 families. They all constitute the forest phytocenosis within 31 community, 11 geneses and 6 classes.

The forest stock in the Republic of Macedonia is divided into five types:

- Pure deciduous wood stocks (beech, oak-all kinds, other hard deciduous trees, poplar, other soft deciduous trees), covering a surface area of 541.730 ha
- Pure needle-leave wood stocks (juniper tree, fir, black pine tree, white pine tree and other needle-leave trees), covering a surface area of 81.673 ha
- Mixed deciduous wood stocks (beech, oak-other deciduous, beech-other deciduous, oak-other deciduous, other deciduous), covering a surface area of 277.146 ha
- Mixed needle-leave wood stocks (juniper tree-fir, black-white pine tree, other needle-leave trees), covering a surface area of 7.656 ha
- Mixed wood stocks- deciduous/needle-leave (beech-juniper tree-fir, black pine tree, white pine tree, other deciduous and needle-leave), covering a surface area of 57.445 ha



Types of Forests

Types of forests by purpose	Area in ha	Wood volume m ³	Annual growth m ³
Economic forests	892.347	72.543.375	1.717.903
Protection forests	17.617	832.148	25.865
National parks	43.589	4.723.442	166.491
Picnic resorts	1.103	62.944	2.177

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Forests for special purpose	8.897	1.812.213	6.594
Total	963.563	78.343.122	1.899.030

Source: National Environmental Action Plan (NEAP)

As of December 31st 1996, the total surface area of the wood stock amounts to 953.322 ha, of which 827.450 ha are located within the public sector and 125.872 ha are located within the private sector.



The wood mass by 1 ha amounts to 100 m² (unofficial datum) whereas the total wood mass amounts to approximately 80 million m².

Woods in the public sector of the Republic of Macedonia are managed by the Public

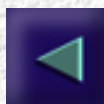
Enterprise of Forestry that consists of 30 units (forest economy offices).

The above mentioned public enterprise is headed by the Management Board; the financial operation of the Enterprise is monitored by the Supervision Board.

Special purpose woods (strict natural reserves, national parks, monuments of nature and all other protected categories) are managed by entities in charge of management.

Degree of degradation in low-trunk forests

Degree of degradation	Area in ha	%	Wood volume m ³	%	m ³ ha	Growth in m ³	%	m ³ ha
low-trunk	555 552.00	86.60	26 662 551.00	97.30	47.80	884 474.00	96.20	1.60
underbrush	77 567.00	12.10	659 866.00	2.40	8.50	3 137.00	3.40	0.40
shrub	6 099.00	1.10	46 339.00	0.20	7.60	2 397.00	0.30	0.30
pseudomakii	1 605.00	0.20	16 550.00	0.10	10.30	648.00	0.10	0.40
Total	642 823.00	100.00	27 385 306.00	100.00	74.20	890 656.00	100.00	2.70



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