
A low-angle, upward-looking photograph of a dense forest canopy. The image is filled with vibrant green leaves and dark tree branches. Sunlight filters through the foliage, creating a dappled light effect with visible rays of light (crepuscular rays) and bright spots where the sun hits the leaves. The overall atmosphere is bright and natural.

# The Forest of Bulgaria





**The forest territories of Bulgaria occupy 37% of the area of the country or 4,138,147 hectares, including areas, property of the government - 76.4%, private areas - 10.9%, municipal areas - 12.2%, and forests which are property of religious organizations - 0.56%.**

**The total amount of wood stock is 642 million cubic meters, the average amount of wood stock per 1 hectare is 172 cubic meters, and the average growth rate - 14.4 million cubic meters.**

## Forest Area, 1000 ha

Country	Units	Scale	1990	2000	2005	2010	2015
Bulgaria	1000 Hectare	units	3,327	3,375	3,651	3,737	3,823

## Growing Stock on Forest, million m<sup>3</sup> over bark

Country	Units	Scale	1990	2000	2005	2010	2015
Bulgaria	million m <sup>3</sup> over bark	units	405	526	591	645	699



# Forest Ecosystems in Bulgaria

**Bulgaria is one of the countries in Europe with relatively well preserved and maintained forest ecosystems. In the national ecological network NATURA 2000 are included 34.4% of the forest fond, including territories exclusively for preservation of the of habitats, areas with wildlife flora and fauna - 29.5%, and areas for bird preservation - 22.6% (most of the territories of these two zones overlap).**

## Forest area with damage, 1000 ha

Country	Units	Scale	1990	2000	2005	2010
Bulgaria	1000 Hectare	units	173.00	260.50	145.00	134.30

## Removals, 1000 m<sup>3</sup> under bark

Country	Units	Scale	2006	2007	2008	2009	2010	2011	2012
Bulgaria	1000 m <sup>3</sup> under bark	units	5,992.00	5,696.00	6,071.00	4,599.00	5,668.00	6,205.00	6,775.00





**Around 35-40 thousand people work  
in the forest sector of Bulgarian  
economics.**

## **Employment in Forestry, 1000 persons**

<b>Country</b>	<b>Units</b>	<b>Scale</b>	<b>2000</b>	<b>2005</b>	<b>2010</b>
<b>Bulgaria</b>	<b>Thousand persons</b>	<b>units</b>	<b>26.20</b>	<b>21.30</b>	<b>20.10</b>

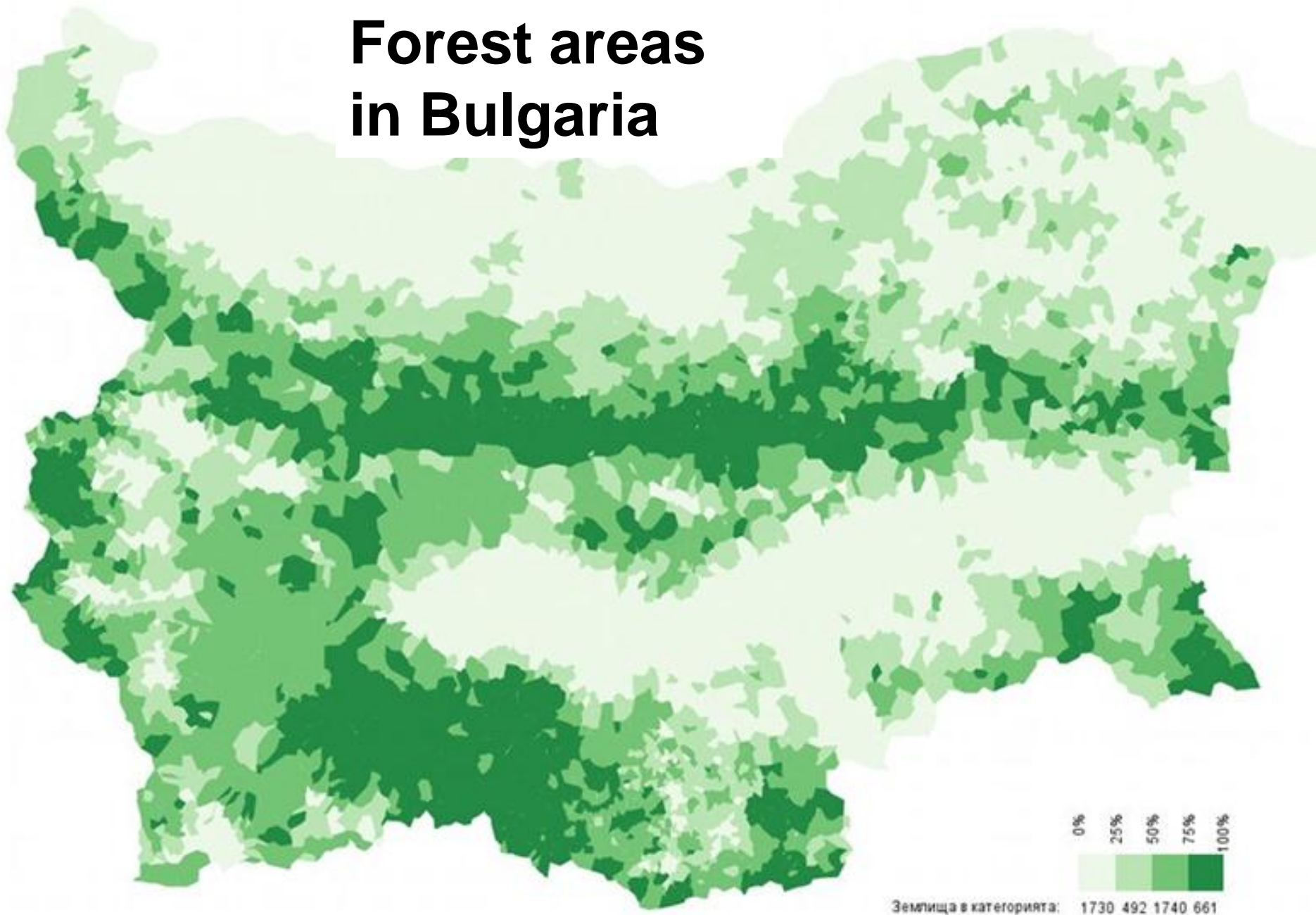
## **Gross Value Added in Forestry, million Euro/ECU**

<b>Country</b>	<b>Units</b>	<b>Scale</b>	<b>2000</b>	<b>2005</b>	<b>2010</b>
<b>Bulgaria</b>	<b>million euro</b>	<b>units</b>	<b>26.60</b>	<b>40.30</b>	<b>89.80</b>



**Forests in Bulgaria comprise one third of the territory of the country and are situated predominantly in the mountains. The Bulgarian forest fund is characterized by incredible diversity of species. Bulgaria is also one of the few countries in Europe where areas of virgin forests can still be found.**

# Forest areas in Bulgaria



Землища в категорията: 1730 492 1740 661





# **Bulgaria`s best national parks**

- ☀ Kamchia Biosphere Reserve**
- ☀ Rila National Park**
- ☀ Pirin National Park**
- ☀ Central Balkan National Park**
- ☀ Srebarna Nature Reserve**

# Kamchia Biosphere Reserve

The Kamchia Biosphere Reserve is a UNESCO-listed biosphere reserve on the northern coastline of Bulgaria, comprising the floodplain at the mouth of the Kamchia River





# Rila National Park

**Rila National Park, the largest national park in Bulgaria, is located about 100 km. south of Sofia, in the central and highest regions of the Rila Mountains.**





# Pirin National Park

Spread over an area of over 27,000 ha, at an altitude between 1008 and 2914 m in the Pirin Mountains, southwest Bulgaria, the site comprises diverse limestone mountain landscapes with glacial lakes, waterfalls, caves and predominantly coniferous forests. It was added to the World Heritage List in 1983.



# Central Balkan National Park

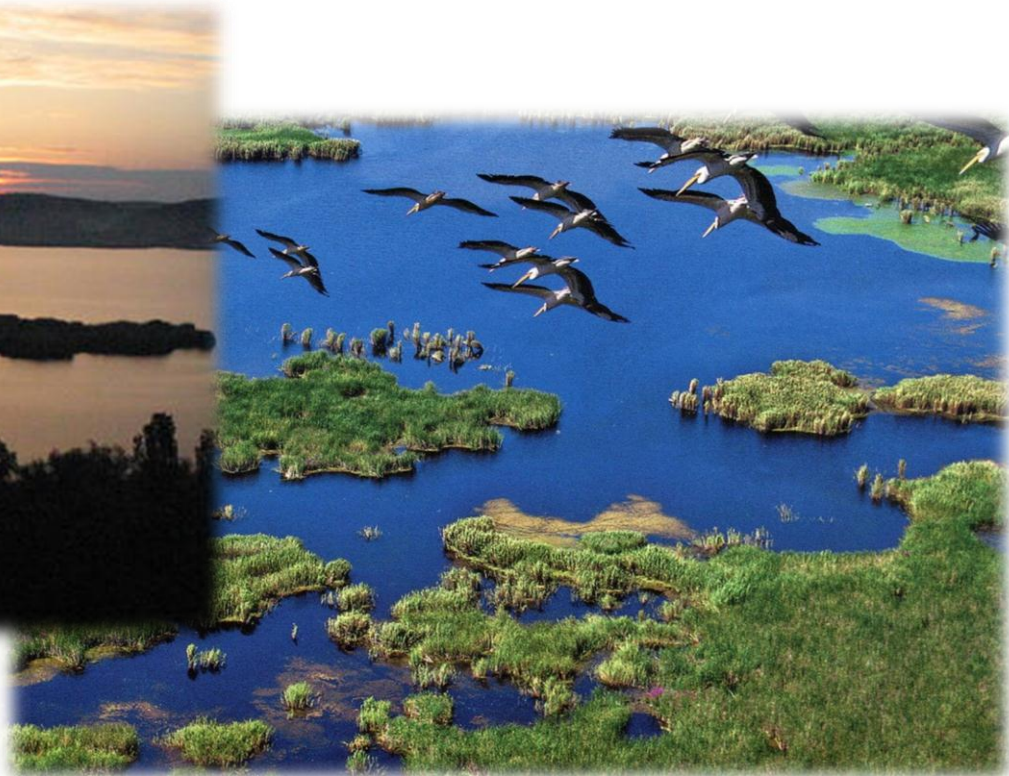
*The Central Balkan National Park* lies in the heart of Bulgaria, nestled in the central and higher portions of the Balkan Range. The Park contains rare and endangered wildlife species and communities, self-regulating ecosystems of biological diversity, as well as historical sites of global cultural and scientific significance.





# Srebarna Nature Reserve

The Srebarna Nature Reserve is a freshwater lake adjacent to the Danube and extending over 600 ha. It is the breeding ground of almost 100 species of birds, many of which are rare or endangered. Some 80 other bird species migrate and seek refuge there every winter. Among the most interesting bird species are the Dalmatian pelican, great egret, night heron, purple heron, glossy ibis and white spoonbill.





# Forestry Professionals



## **ARCHEOLOGIST**

provides sound knowledge and administration skills to the management of cultural, historic and pre-historic resources, and historic preservation on forestland properties.



## **BIOLOGIST - WILDLIFE / FISHERIES**

provides sound knowledge and administration skills to the management of plants, animals, birds, fish, other biota, and their terrestrial & aquatic habitats on forestland properties.



## **ECOLOGIST**

provides sound knowledge and administration skills to the management of abiotic and biotic ecosystems, invasive species, and species terrestrial & aquatic habitats on forestland properties.



## **ECONOMIST / ACCOUNTANT**

provides sound knowledge and administration skills to the micro- and macro-economic implications of forest management activities conducted on forestland properties.



## **ENGINEER**

provides sound knowledge and administration skills to the design, construction, operation and maintenance concerning forest infrastructure—such as roads, logging-transportation systems, bridges, structures, drainage, facilities and trails—located on forestland properties.



## **ENTOMOLOGIST / PATHOLOGIST**

provides sound knowledge and administration skills to healthy forestland property management of one or both specialized fields: “entomology”—the management of forest insect pests; or “pathology”—the management of forest diseases.





## **ENVIRONMENTAL / LEGAL COORDINATOR**

provides sound knowledge and administration skills to regulatory compliance with environmental laws during forest management operations.



## **EXTENSION / FOREST INTERPRETATION / EDUCATOR**

provides sound knowledge and administration skills to the education of people about forest science, management, public uses, and benefits of forests and forestland properties.



## **FIRE MANAGEMENT OFFICER**

provides sound knowledge and administration skills to the managed use of prescribed fire, the prevention of unwanted fires, as well as firefighting wildfires on forestland properties





## **FOREST OPERATIONS BUSINESS MANAGER**

provides sound knowledge and administration skills to the business functions of a private forest management firm, such as accounting, personnel, asset management, financial & budgeting, forestry operations, harvest planning, stand management, contracting, logistics, legal matters, and so forth.



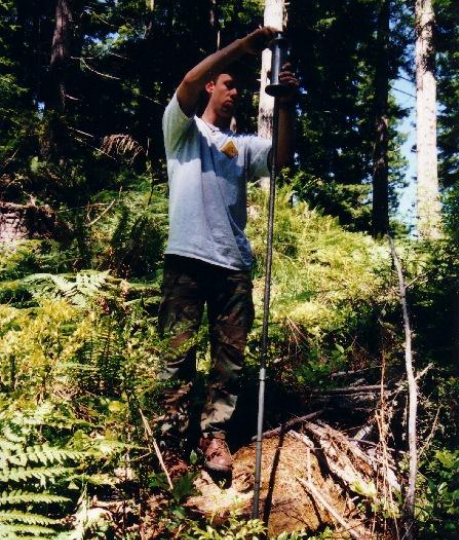
## **FORESTER**

provides sound knowledge and administration skills to the forest growing, harvesting, protection, accessibility, productivity, and sustainability on forestland properties.



## **GEOGRAPHIC INFORMATION SYSTEMS SPECIALIST – CARTOGRAPHER**

provides sound knowledge and administration skills to the electronic mapping, spatial data computing, remote sensing, and imagery interpretation applicable to the management of forestland properties.



## **GEOLOGIST / GEOTECHNICAL ENGINEER**

provides sound knowledge and administration skills to the management of forest geotechnical engineering, geology resources, land movement, quarry and excavation on forestland properties.



## **GOVERNMENT AFFAIRS / POLICY – LOBBYIST**

provides sound knowledge and administration skills to the policymaking, lawmaking, forest planning and communication, surrounding government policies that govern forestland property management

## **HYDROLOGIST**

provides sound knowledge and administration skills to the operations management of forest water resources—such as streams, wetlands, lakes, bogs, springs or watersheds—and aquatic habitat on forestland properties.







## **INFORMATION TECHNOLOGY (IT) SPECIALIST**

provides sound knowledge and administration skills to the electronic information storage, computing, database management, field data recording, software applications, internet services, optimization programs, mapping, and spatial data applicable to the management of forestland properties.



## **LAND SURVEYOR**

provides sound knowledge and techniques of surveying measurement, relevant law, adequate evidence, which are requisite to surveying of real property.



## **LANDSCAPE ARCHITECT**

provides sound knowledge and administration skills to the management of aesthetic and visual resources on forestland properties.



**LOGISTICS / TRANSPORTATION / FOREST PLANNER**  
provides sound knowledge and administration skills to the allocation, scheduling, transportation and movement of forest products, workers, equipment, resources or materials — surrounding the management of forest projects and forestlands.



**OUTDOOR RECREATION DIRECTOR**  
provides sound knowledge and administration skills to the public uses of forests for enjoyment, lifestyle, aesthetics, cultural values, user access, or recreational opportunities on forestland properties.



**PUBLIC FOREST ADMINISTRATOR**  
provides sound knowledge and administration skills to the management of a government agency engaged in forestlands.

**PUBLIC RELATIONS / COMMUNICATIONS MANAGER**  
provides sound knowledge and administration skills to the external and internal communications of a forest organization.





## **RANGE CONSERVATIONIST**

Provides technical assistance regarding the conservation of soil, water, forests, or related natural resources. May compile data pertaining to size, content, condition, and other characteristics of forest tracts, under the direction of foresters; or train and lead forest workers in forest propagation, fire prevention and suppression.



## **REALTY / FOREST APPRAISAL SPECIALIST**

provides sound knowledge and administration skills to forestland management of real property, such as land sale transactions, land exchanges, easements, share-cost agreements, special use permitting, land appraisals, relevant title law, and land use law



## **SECURITY OFFICER**

provides sound knowledge and administration skills to the crime prevention, property security, legal enforcement, detection & investigation, and natural resource protection on forestland properties.



## **SILVICULTURIST**

provides sound knowledge and administration skills to the forest growing, harvesting, protection, accessibility, productivity, and sustainability on forestland properties. Silviculturist is a specialized type of 'forester', who is focused on diagnosis, prescription, forest health, and reforestation



## **SCIENTIST - FOREST**

provides sound knowledge and administration skills to the scientific study of forest management operations on forestland properties.



## **SCIENTIST – SOIL**

provides sound knowledge and administration skills to the management of forest soil & rock resources, site productivity, excavation, and soil behavior during operations on forestland properties



## JOB VACANCIES AND JOB VACANCY RATE 2016

Economic activity	Job vacancies - number			
	I	II	III	IV
Agriculture, forestry and fishing	<b>494</b>	<b>359</b>	<b>354</b>	<b>623</b>

Job vacancy rate - %				Occupied posts - number			
I	II	III	IV	I	II	III	IV
<b>0,6</b>	<b>0,4</b>	<b>0,4</b>	<b>0,9</b>	<b>75 547</b>	<b>82 180</b>	<b>79 536</b>	<b>65 769</b>



# Forest Careers

**Thank You for  
Your Attention!**