

Functions of forests

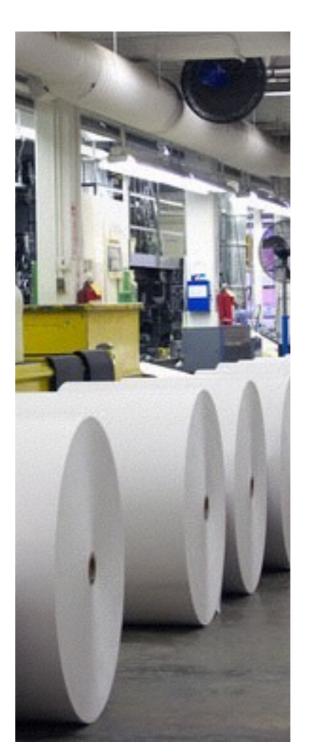




generative









Forests are natural factories. They give us wood and other materials. Wood is used in many aspects of our lives. We need it to build houses, bridges or other constructions. It also shouldn't be forgotten that every year millions of cubic meters of wood are used in paper production. What is more, we use wood as fuel because it burns easily. Hard coal is also made of trees which have been growing on the Earth for billions of years.







Apart from their industrial functions, forests are also a source of food. Being a habitat for many species of insects and animals, they provide us with meat. Mushrooms and forest fruits can barely be found anywhere else. Moreover, forests are our natural pharmacy. Many herbs used in the production of pharmaceuticals can also be found only there.

ecologic

"A single mature tree can absorb carbon dioxide at a rate of 48 lbs./year and release enough oxygen back into the atmosphere to support 2 human beings."

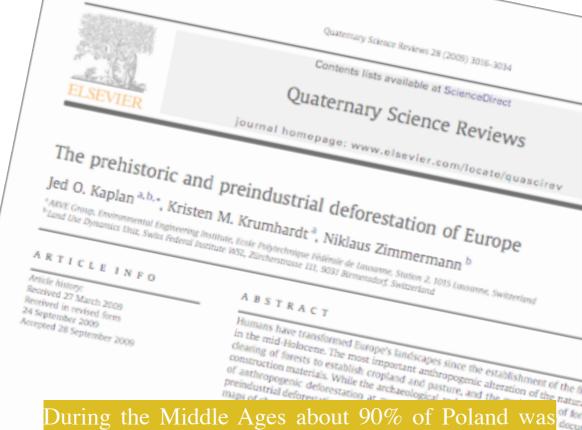
- McAliney, Mike. Arguments for Land Conservation: Documentation and Information Sources for Land Resources Protection, Trust for Public Land, Sacramento, CA, December, 1993

Forests stabilize the hydrologic cycle, have an impact on the climate. They protect us against floods and avalanches. They prevent the ground from sliding down steep slopes. Their presence protects soil against erosion. However, the most important function of the forests is oxygen production. Without them we wouldn't have anything to breath with. It is said that one big tree produces enough oxygen for two people. In the process of photosynthesis they absorb carbon dioxide. They also clean the air of pollution.



Afforestation rate

erate of sheeting of certain surface with forests; it's a ratio of a surface overgrown by forests to entire surface



covered with trees, mostly pine and oaken coniferous forests. Since then the population has grown, lifestyle has changed to sedentary and agricultural (e.g. slash-and-burn farming which involved cutting and burning plants in forests and woodlands to create influential of the (UCLUC) has prohifields) whereby there has appeared bigger ground for cropland and construction mater demands. I source of fuel wood and the rich of the ric regional hydrology to possibly global climate, and contain implications for environmental change, from long history of anthropogenic activity The rich paleoecological and arch Hughes and Thirzond 16

for our understanding of what constitutes are

ability. In the current study was

J.O. Kaplan et al. / Quaternary Science Reviews 28 (2009) 3016-3034 1000 BC 300 BC AD 350 AD 1500 0.3 Forested fraction of gridcell

> The prehistoric and preindustrial deforestation of Europe Jed O. Kaplan a,b,*, Kristen M. Krumhardt a, Niklaus Zimmermann b





afforestation

Euroenviro 2011 Lika afforestation, 9 April 2011



forest fires

