

THEME 1: PROVISIONING SERVICES

Service	Sub-category	Description <small>see reference below on FAO</small>
Food	Crops	The world currently produces enough to feed the global population of 7 billion people. Today, the world produces 17% more food per person than 30 years ago, with the rate of production having increased faster than the population over the last 2 decades. Nevertheless, it is now recognized that the gains in agricultural production and productivity were often accompanied by negative effects on agriculture's natural resource base jeopardizing its productive potential in the future
	Livestock	Plays an important role in human nutrition. It provides nearly one-third of humanity's protein intake. However, other livestock production system are based on cereals, which can lead to a competition between food for humans and feed for livestock.
	Capture fisheries	Contributes a significant amount of animal protein to the diets of people worldwide. This sector also derives crucial cash earnings and employment from the food services.
	Aquaculture	Aquaculture is one of the fastest-growing food producing sectors and provides half of all fish for human consumption.
	Wild plants and animal food products	The Non-Timber Forest products also contribute to a large part of the nutrition in developing countries.
Raw Materials	Timber	
	Cotton, hemp, silk	
	Wood fuel	
Freshwater		Crops are heavily dependent on freshwater as almost 60 percent of all the world's freshwater withdrawals go towards irrigation uses. Improved cropping systems can also improve the water retention capacity of the soil and enhance water provision. Forests help maintain healthy aquatic ecosystems and provide reliable supplies of clean freshwater. And while forests themselves consume water, they also improve infiltration rates, thereby helping recharge underground aquifers. Loss of forest cover can adversely affect freshwater supplies.
Medicinal resources		Traditional knowledge can teach us a lot about other possible natural remedy as long as the fragile balance of the forest ecosystems is kept. Sustainable management is needed to keep this medicine reservoir alive.

Lifted from Green Facts¹ and FAO²

1 [HTTPS://WWW.GREENFACTS.ORG/EN/ECOSYSTEMS/FIGTABLEBOXES/TABLE2-1-TRENDS-USE-ECOSYSTEMS-PROVISIONING.HTM](https://www.greenfacts.org/en/ecosystems/figtableboxes/table2-1-trends-use-ecosystems-provisioning.htm)

2 [HTTPS://WWW.FAO.ORG/ECOSYSTEM-SERVICES-BIODIVERSITY/BACKGROUND/PROVISIONING-SERVICES/EN/](https://www.fao.org/ecosystem-services-biodiversity/background/provisioning-services/en/)