

Secondary Education and Professional Training

Activity

What are the advantages of conserving the ecosystems of our environment?

DEVELOPMENT:

Biodiversity and natural resources are essential to maintaining human well-being and social and economic development. Consequently, we should know that it is necessary to maintain biodiversity to guarantee the survival of present and future generations and, at the same time, be aware that there is a worrying rate of loss of species and ecosystems, from which we receive countless benefits: ecosystem services. And what are these things we call 'ecosystem services'? What types of services are there?

Ecosystem services are benefits we get directly or indirectly from ecosystems: food, fresh water, carbon sequestration, flood control, climate regulation, erosion control or leisure activities, among many others (see section: On the front page).

Suggested Activities:

1. To learn more about the ecosystem services that we have mentioned and also to raise awareness about the importance of their conservation, **list three services that we can get from the ecosystems of our environment and explain how we benefit from these advantages.**

To complete the table we provide additional information on the website of the Department of Environment and Territorial Policy: http://www.ingurumena.ejgv.euskadi.net/r49-u95/es/contenidos/faq/servicios_ecosistemas/es_natura/indice.html

What services does it provide?

How do you get this service?

Forests



Climate regulation

Forests are one of the most important carbon sinks, their vegetation and soils store large amounts of carbon. They also guarantee the lowering of the temperature and retain moisture.

Fields and crops



Lakes, rivers and reservoirs



Objectives:

- To learn about and analyse the variety of services that the ecosystems provide
- To raise awareness about the serious consequences that the degradation of ecosystems can have

Materials required:

- Ihitza, computer with Internet connection

Skills developed:

- Technological, scientific and health culture
- Learning to learn
- Linguistic communication
- Processing information and digital technology
- Social and citizen-related
- Autonomy and personal initiative

What services does it provide?

How do you get this service?

Wetlands



Coastal habitats

(beach, dune, cliff)



Rocky ground



After this activity, discuss in groups the importance of conserving the ecosystems and the consequences their degradation could have.

SOURCE: Websites consulted:

- <http://www.ecomilenio.es/>
- Department of the Environment and Territorial Policy <http://www.ingurumena.ejgv.euskadi.net/r49-579/es/>

Ecosystems are a natural asset that we must conserve