

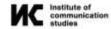


Ecology is not a science of environmental protection

Ecology is not a science of environmental protection, nor is it a study of human impact on nature

Ecology is not a science of environmental pollution

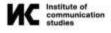








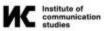


















What is an introduction of species?

An introduction of species is
the intentional or unintentional
introduction of species
(subspecies, genera, or
families) into areas that they
do not naturally inhabit.

What is landscape modification?

Landscape modifications can be the result of natural disturbances and/or be man-made. What is overexploitation?

when there is intensive exploitation and the capacity for recovery is exceeded, we say that there is overexploitation of natural resources.









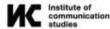


















What is climate change?

Long-term change of climate, including changes in average temperature and precipitation, is called climate change.



What is ozone?

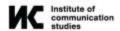
Ozone is a thin layer of modified oxygen found in the stratosphere. It is a molecule that contains 3 oxygen atoms (03) and plays a major role in the absorption of ultraviolet rays.



What is ozone depletion?

The gradual depletion of the ozone layer is a result of the influence of the chemical compounds chlorofluorocarbons, hydrogen chlorofluorocarbons and others.

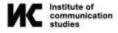


























Acid rain is a serious global disorder caused by nitrogen and sulfur oxides resulting from industrialization, heavy traffic, and daily household activities.



Global warming is the increase in the average temperature of our planet, as a result of the increased presence of greenhouse gases in the atmosphere















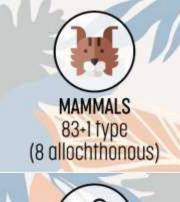
Biodiversity -Macedonia







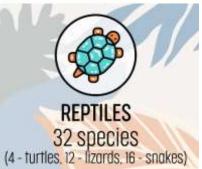




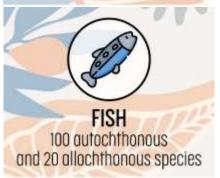


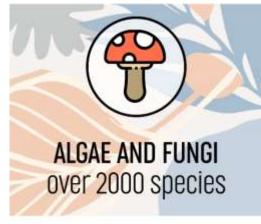
BIRDS 332 species





















VASCULAR PLANTS

3200 species







INVERTEBRATES about 13 000 species

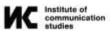






Around 22 000 species, of which around 1000 are endemic











The main reasons for the extinction of species today are habitat losses, over-exploitation, invasive species, climate change, etc.



We can protect biodiversity by applying scientific. legal, and direct protection measures (*in situ* and *ex situ* protection, introduction and reintroduction of species, education, etc.)

Our planet is inhabited by about 8 million different organic species.



According to the IUCN Red List of Threatened Species, from the 19th century up to the present day, almost 800 species have gone extinct.

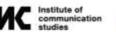
















What are we trying to change in our lives to improve the environment?



Saving energy and producing it from renewable sources.



Reduction of pollution and waste in the environment.

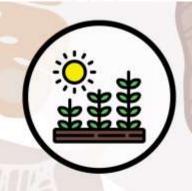


Introduction of economical models of production and consumption, etc.

Reduce, reuse, recycle

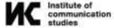


Waste treatments through recycling.



Protection against land degradation through sustainable agricultural practices.



























Waste can be defined according to the place of formation - municipal waste (garbage), industrial waste, agricultural waste, as well as special waste (commercial, radioactive, medical, etc.).



How is the waste divided according to the degree of danger? According to the degree of danger. the waste is divided into:

hozordous

non-hazardous

inert

Improper waste management is one of the biggest problems in terms of environmental protection.

















































