

## **Environmental Quality**

Dr. Camelia DRAGHICI

Dr. Dana PERNIU

Dr. Cristina SALCA - ROTARU

Universitatea Transilvania din Braşov, România

Dr. David Christian FINGER

Reykjavik University, Islanda

The rapid social, technological and economic development of the last century has damaged the quality of the environment. Major environmental problems are already known to have the effect of altering human health, ecosystems and even the built environment. Rural areas are characterized by activities that rely directly on natural resources, so preserving environmental quality is crucial.

At the decisional level, it is particularly important to know the fundamental aspects of the components of the environment, the interactions on which its functioning is based, also taking into account interactions with man-made systems.

Decisions made at local level take into account the community, including the natural and built environment in which it lives. On the other hand, decisions are also made taking into account political and legislative aspects.

In this context, the authors, Camelia Drgahici, Dana Perniu, Cristina Salca Rotaru, professors at Transilvania University of Brasov Romania, in collaboration with Dr. David Cristian Finger from the University of Reykjavik, developed the module Environmental Quality. The aim of the module is to provide succinct, essential information, presented at an accessible level, on this subject, which is particularly important in life on the planet, at any level.

The module contains three learning units:

The first unit, environmental quality - air, water and soil includes a description of what the environment means, environmental pollution, environmental quality monitoring. Institutions in Romania and Iceland responsible for monitoring environmental quality are also presented.

In the second unit, an introduction to environmental legislation is given, presenting national legislation on air, water and soil protection.

The third unit is devoted to case studies. Two rural communities in Romania and Iceland where there are concerns about the preservation of environmental quality are presented.

It should be noted that what has been presented does not exhaust the field, but rather invites in-depth and constantly updated knowledge. The information is presented in the form of open educational resources containing text, video presentations and knowledge tests, which we invite you to browse.