

## **NEW PERSPECTIVES OF ENVIRONMENTAL MONITORING DEFINITION**

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## 1. Introduction and study objectives

Six teaching modules (TMs) will be developed as Open Educational Resources – OERs (video presentations, text based resources, evaluation tests) during the educational project Environmental Education – OERs for Rural Citizens (EnvEdu – OERs).

During the development of the TM2, Environmental Quality, the authors found out that there is a gap in defining of environmental monitoring.

Together with the environmental assessment, inspection and analysis, environmental monitoring is one of the most used methods in environmental protection.

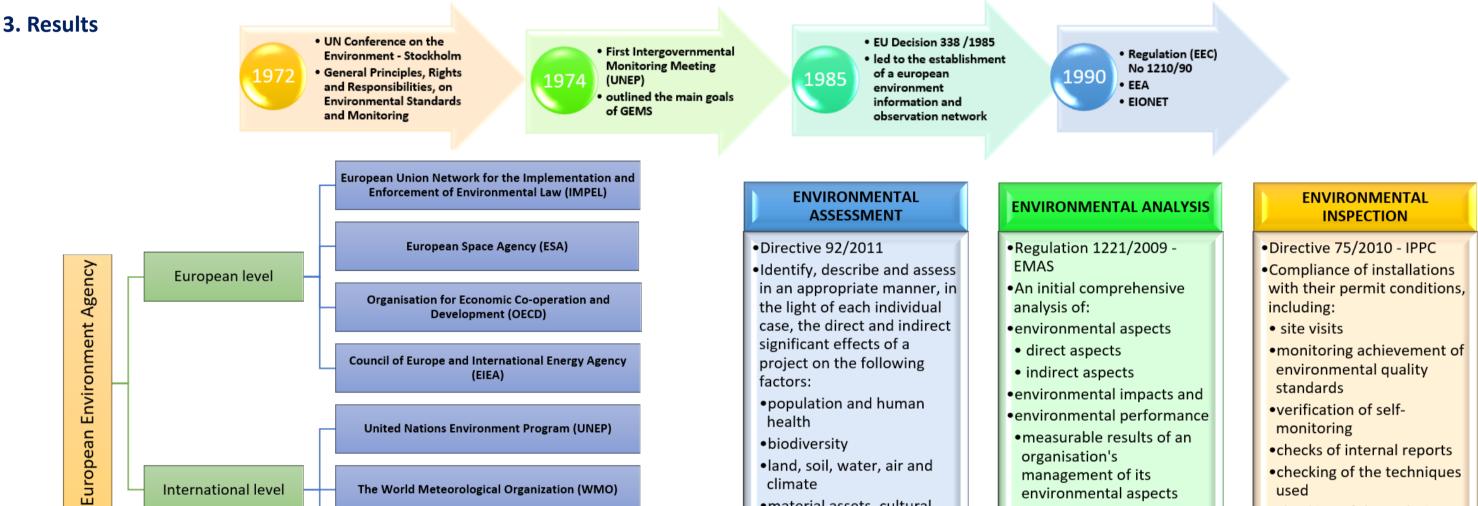
This study (i) highlights the gaps in the definition of environmental monitoring, both from a legislative perspective and from the perspective of its delimitation from environmental assessment, environmental inspection and environmental analysis; (ii) proposes a complex definition for the term of environmental monitoring.

## 2. Methodology

- research of the specialized scientific literature

- research of the international environmental legislation, of the European Union one, and, in a particular, of the national one, in Romania;

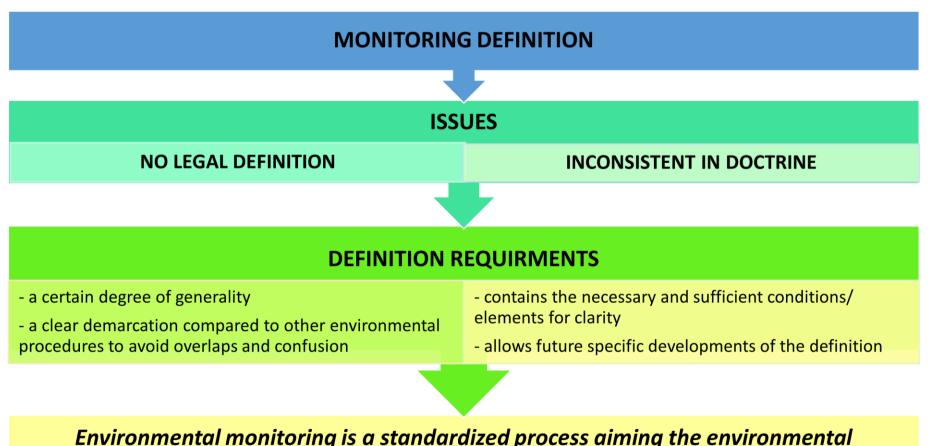
- a delimitation of the term of environmental monitoring versus the term of environmental assessment, environmental inspection and environmental analysis, through comparative interpretation



 material assets, cultural heritage and the landscape

- checking of the techniques used

International Atomic Energy Authority (IAEA)



Environmental monitoring is a standardized process aiming the environmental protection, by measuring, processesing and analyzing the evolution of the effects of human or natural activity on the environment, in time and space, in order to obtain information, to communicate and/or to take appropriate action for the purpose.

## 4. Conclusion

The new definition of environmental monitoring allowed the formulation of classification criteria and, implicitly, coherent classifications of environmental monitoring. The definition proposed in this study can constitute a starting point for legislative initiatives, and a basis for a complex approach to environmental monitoring activity.

Acknowledgement: to the project "Environmental Education – OERs for Rural Citizens (EnvEdu – OERs)" with financial support from the European Economic Area (EEA) Financial Mechanism 2014-2021 Cooperation Projects in the Higher Education area project code 19-COP-0038.

Disclaimer: This presentation was realised with the EEA Financial Mechanism 2014-2021 financial support. Its content does not reflect the official opinion of the Programme Operator, the National Contact Point and the Financial Mechanism Office. Responsibility for the information and views expressed therein lies entirely with the authors.

