



Environment and Climate in EU Enlargement

EC/JRC project

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Joint
Research
Centre

ACC_ENV: Environment and Climate in EU Enlargement

Objectives:

Monitoring the transposition and implementation of the **EU acquis** on environment (**air, soil and water**) and **climate** in countries involved in the accession process.

Contribute to the **implementation of the environmental and climate aspects of EU** (Green Deal, Western Balkans Agenda on Innovation, Macro-regional strategies) and **international** policies (UN SDGs, international agreements) in enlargement countries.

Support **capacity building** and **promote scientific networking** on environment and climate in enlargement countries

Multidisciplinary project involving four units from JRC Directorates:
C “**Energy, Transport and Climate**” and D “**Sustainable resources**”

The project contributes to:

- JRC Portfolio: “Global Gateway and International Green Deal”
- JRC initiative “Science and Technology in Associated Countries” (Dir A **Strategy and Impact**)
- “WB Agenda on Innovation, Research, Education, Culture, Youth and Sport”

Latest publications

Scientific Study:

- Costs attributable to air pollution in 30 urban areas from Western Balkans

Technical Reports:

- LUCAS Soil 2015 in the Western Balkans: Overview and analysis of ancillary data.
- Integrated Administration and Control System in the Western Balkans.
- Soil pollution in the Western Balkans.



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Full length article

Assessment of health impacts and costs attributable to air pollution in urban areas using two different approaches. A case study in the Western Balkans

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Arias-Navarro, C., Vidojević, D., Zdruli, P., Yunta Mezquita, F., Jones, A., Wojda, P.

Training/knowledge sharing

Summer school. The evaluation of air, soil and water pollution in support to the European Green Deal: a holistic approach

Novi Sad, September 2023

Objective: to enhance green skills in the Western Balkans for a more sustainable and resource-efficient society.

A collaboration between JRC and University of Novi Sad

Attended by 23 young scientists and advanced students from WB

15 trainers/speakers/contributors from: JRC, University of Novi Sad and University of Belgrade

First summer school organised by JRC in the region

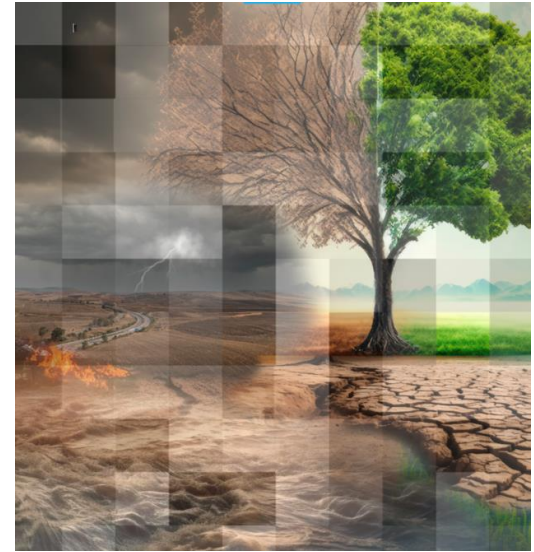
Successful experience that could be extended to other sites/institutions (was proposed for a JRC excellence award)



Upcoming publications in 2024

Science for Policy report on:

- Status of environment and climate in the Western Balkans (expanded section on climate change impacts)
- Status of environment and climate in Ukraine (to support a sustainable reconstruction)



Scientific research

Pathways to implement the EU acquis on environment and climate in the Western Balkans.

A scenario analysis based on a set of energy options is in progress to identify the most efficient and effective pathways to implement the EU acquis on environment and climate in the Western Balkans using indicators for health and ecosystems impacts and analysis of benefits and costs

- Cost-benefit analysis of future climate and air pollution policies in the Western Balkans
- How to enhance sustainability by improving the interactions between energy connectivity, air quality and health impacts

Future work

- Improve the geographical coverage of the Enlargement and Neighbourhood region
- More work on socio-economic aspects
- Implementation of AI for data analysis
- Better collaboration with national and international partners
- Contribute to replicate successful stories of training and knowledge sharing

Feedback about the topics in the area of climate and environment which are of interest for the participants to this event is welcome.

Thank you

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