

# **Environmental and Resource Economics**

**Lectures by Tomasz Żylicz**

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## **Introduction**

COVID pandemics forced the University of Warsaw to switch to the online regime. This lecture was delivered online twice. I did not like this system, since I prefer contact with my students. Looking at them, asking questions or responding to their queries make me feel that they understand the topic. These two years I lacked direct contact with them resulted in preparing written outlines of my lectures. I have always used powerpoint presentations. In the online system they were controlled by me, and displayed on students' tablet or laptop screens. Both the vision and my narrative were recorded and made available for students. Nevertheless I felt that a written (perhaps simplified) version of my talks can be useful too.

The entire cycle consists of fifteen 90-minute lectures. They are accompanied by sets of open-ended questions and answers where I contain additional information important for better understanding of the problem.

### List of topics

1. Basic economic concepts
2. Externalities
3. Coase theorem
4. Public goods
5. Uncertainty
6. Discounting
7. Economics of exhaustible resources
8. Economics of renewable resources (immobile resources)
9. Economics of renewable resources (mobile resources)
10. Welfare indices and the environmental resource base
11. Valuation of the environment
12. Environmental policy
13. Environmental policy instruments
14. Tradable permits
15. Environmental tax reform