

# Eco-energetics

**Lecturer:** Dr. Andrea Vityi PhD.

**Institute:** University of Sopron, Faculty of Forestry, Institute of Forest- and Environmental Techniques

**Course code:** EG506-BBB00

**Credit points:** 3

**Time table:** Lecture:2/Lab:1

**Language:** English

## Course description

### Topics

The subject focuses on the characteristics of the renewable energy sources, the potentials and the environmental effects of their utilization. Tendencies in energy consumption, the role of renewables, and technological, environmental, and social aspects will be discussed in details.

### References

1. Vityi A et al. (2006): Ökoenergetika (Eco-energetics). E-learning book.
2. THE STATE OF RENEWABLE ENERGIES IN EUROPE. EurObserv'ER Report
3. Marco Caponigro et al. (2012): HANDBOOK ON RENEWABLE ENERGY SOURCES
4. Zobaa AF, Bansal R.(2011) Handbook of renewable energy technology. World Scientific Publishing