



## RENEWABLE ENERGY SOURCES

### *Course Description*

Within the available fund of hours, students will be introduced to the field of sustainable management of natural resources; basics of different forms of renewable energy sources. The course will provide the necessary background knowledge to continue studying various different forms of renewable energy sources.

#### **Course Content**

- Definition of Renewables
- Definition of Non - Renewables
- Overview of energy in the world
- Renewable energy sources
- Hydropower
- Biomass
- Wind energy
- Solar energy
- Geothermal energy
- Tidal energy
- Wave energy
- Ocean thermal energy conversion (OTEC)
- Hydrogen energy
- RES benefits
- Problems and limitations
- Current trends
- Potential and forecasts
- RES in Bosnia and Herzegovina

#### **Pre-requisites**

- Basic knowledge of renewable energy sources.

#### **Target group**

- Students
- Professionals
- Managers

### *Learning objectives*

- Understanding of terms sustainability.
- Understanding of terms of RES and nonRES.
- Awareness of different forms of RES.
- Provide the basic knowledge to continue studying various different forms of renewable energy sources.



#### **Teacher**

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