



**Goals of the course:**

- Understand the complexity of environmental problems
- Introduce current main environmental issues
- Broadening knowledge and shaping attitude

**Structure of the course:**

- General thoughts on environmental engineering:
  - relation between humankind and the environment
  - planetary boundaries
  - system dynamics
  - material flows
  - questions of economic progress and sustainability
  - environmental indices (ecological and water footprint etc.)
- Introduction to selected environmental issues:
  - air and water pollution, solid wastes
  - ecosystem services
  - environmental disasters
  - climate change
  - energy consumption and production

**Lectures:**

- On Mondays, from 10:15 until 11:45 (room: building K, ground floor, room #30)
- Slideshow presentations and movie sessions (followed by discussion)
- One lecture (22/Oct) will be offset by a rest day
- Learning materials will be available from the **BoEE course website**:  
<http://oktatas.epito.bme.hu/course/view.php?id=459&lang=en>
  - BME address book login is needed to access the site!

**Getting grades:**

- Final grade is based on the result of one written test, which will be held on **3/Dec** (in class time). This test can be repeated maximum two times (time and place to be determined later).

**Contact:**

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- or use the “Student forum” on the BoEE course website