



# Syllabus

## Advanced environmental systems analysis (1<sup>st</sup> mod)

<http://guariso.faculty.polimi.it> (moving to WeBeep)

### LECTURER:

Prof. Giorgio **GUARISO**, Department of Electronics Information and Bioengineering (DEIB), Politecnico di Milano, Bld. 20 room 201, 2nd floor; tel. 02 2399 – 3559, [giorgio.guariso@polimi.it](mailto:giorgio.guariso@polimi.it) OFFICE HOURS: Tuesday 14 -16

### TUTORS:

Ing. Matteo SANGIORGIO, Department of Electronics Information and Bioengineering (DEIB), Politecnico di Milano, Bld. 21 room 003, 2nd floor; tel. 02 2399 – 9632, [matteo.sangiorgio@polimi.it](mailto:matteo.sangiorgio@polimi.it)

Ing. Elena DE ANGELIS, Department of Mechanics and Industrial Engineering (DIMI), University of Brescia, Via Branze 38, 25123 Brescia, tel. 030 3715510, [e.deangelis@unibs.it](mailto:e.deangelis@unibs.it)

**COURSE STRUCTURE** lectures: 30 h, practice: 20 h = 5 Credits (each module)

See details on [Polimi website](#).

### TIMETABLE (Lessons, Practice)

Tuesday	12.15 – 15.15	Room 25.1.3
Wednesday	14.15 – 17.15	Room 3.1.4
Thursday	10.15 – 12.15	Room 9.0.3

*For practice, a (charged) notebook with Excel is (almost) needed. A limited number of electric plugs will be available.*

### TEACHING MATERIAL

The course follows the lecturer's handouts available on the course website (URL above). Other useful material is linked on the same site.

### EXAMS

The final mark will be composed by three parts:

- 60% a final test** (minimum 15/30) in written form, concerning the analytical solution of simple problems and the answering of short questions. It will be in January, in June/July, in September on the dates fixed by the School, jointly with 2<sup>nd</sup> mod. (ing. Giuliani).
- 15% homework#1**: presentation of a research paper assigned by the teacher or proposed by the student (Dec.).
- 25% homework#2**: solution of a numerical exercise assigned by the teacher, to be sent to [giorgio.guariso@polimi.it](mailto:giorgio.guariso@polimi.it) at any time before the registration of the final mark.

**Please, always use the subject "AESA" and request receipt when sending mail messages.**