



Syllabus

Advanced environmental systems analysis (1st mod)

<http://guariso.faculty.polimi.it>

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 OFFICE HOURS: Tuesday 14 -16 (please, contact in advance)

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

Ing. Laura ZECCHI, Department of Information Engineering (DII), University of Brescia, Via Branze 38, 25123 Brescia, tel. 030 3715, laura.zecchi@unibs.it

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

See details on [Polimi website](#).

TIMETABLE (Lessons, Practice)

Monday	10.15 – 12.15	Room	B.6.4
Tuesday	10.15 – 13.15	Room	19.0.1
Wednesday	10.15 – 13.15	Room	25.1.1

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 2nd 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 at any time before the registration of the final mark.

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