



UNIVERSITÀ DI PISA GEOMORPHOLOGY

ADRIANO RIBOLINI

Anno accademico

2020/21

CdS

NATURAL AND ENVIRONMENTAL
SCIENCES

Codice

142DD

CFU

6

Moduli	Settore/i	Tipo	Ore	Docente/i
GEOMORFOLOGIA	GEO/04	LEZIONI	48	ADRIANO RIBOLINI

Learning outcomes

Knowledge

The student who successfully completes the course will be able to recognize the different landforms and interpretate them in terms of morphological agents. He/she will get an advanced knowledge of the main morphological processes responsible for landscape shaping and will be able to detect their state of activity.

Assessment criteria of knowledge

The student will must show his/her capability to interpretate a photograph representing a relevant landscape
Methods:

- Final oral exam

Further information:

The student will be asked to comment on a photograph representing a relevant landscape

Teaching methods

Delivery: face to face

Attendance: Advised

Learning activities:

- attending lectures
- attending seminars
- Laboratory work

Teaching methods:

- Lectures
- laboratory

Syllabus

Morphological agents; landforms, deposits and processes; Forme, depositi e processi; structural landforms; weathering; the cryosphere: glacial and periglacial landforms; glacial chronology; fluvial landforms and alluvial plains; the drainage network; coastal landforms of rocky and sedimentary coasts; landslides and other gravitational landforms; landforms of the karst environment; remote sensing applied to landforms detection; geomorphological mapping.

Bibliography

Mario Panizza - Geomorfologia. Pitagora, 2007 - ISBN: 8837116578

Atlante dei Tipi Geografici dell'Istituto Geografico Militare Italiano (http://www.igmi.org/pubblicazioni/atlante_tipi_geografici/)

Scientific paper provided by the teacher

PDF of the lessons



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Non-attending students info

The slides presented in the nclassroom are available at e-learning site:

<https://polo3.elearning.unipi.it/course/view.php?id=2917>

Suggested books are available in the library (student section)

Assessment methods

final oral exam

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