

TOPICS OF THE FINAL EXAM FOR GEOGRAPHY MASTER STUDENTS

1. Research methods in geography with a particular view of geomorphological studies. Geomorphological field and lab methods.
2. A brief history of geography and development of geographical thought, including the history of Quaternary studies. Challenges for geomorphic studies in the 21st century.
3. Geographical and geomorphological zones over the continents horizontally and vertically: a morpho-climatic approach.
4. Description of geomorphological landscapes and their evolution on a selected continent.
5. Global peripheries: models and factors of development, similarities and disparities in Asia, Africa and South America.
6. Concepts and approaches in human geography: different interpretations of (geographical) space, scale, and the relationship between society and environment (determinism, nihilism, sustainability).
7. Applied GIS for geomorphic studies: remote sensing, digital terrain models, Earth observation and geomorphology from space.
8. Surface modelling and geomorphological mapping: traditional methods and new trends.
9. Main processes of the geomorphic evolution of hillslopes and related natural hazards. Observation and modelling of slope stability.
10. Typical Quaternary sediments and landforms associated with cyclic global climatic changes in the last two million years.