

The Department of Physical and Technical Geography

Physical and technical Geography has profound traditions regarding the research and teaching domain of natural components of the geographical layer. As a continuity of the ideas and work of our illustrious predecessors, the department's activity took lead towards new horizons. Alongside the traditional analytical study of the geomorphosphere, atmosphere, hydrosphere, geosphere and biosphere, methods, concepts and even new disciplines were introduced in the direction of answering to the complex requests of national and European economy.

A direct quantitative and qualitative implication is characteristic to the department's activity in the evaluation and management of natural resources, in the analysis of anthropic interventions effects of the natural environment, in identifying and predicting extreme natural phenomena including risk analysis, in quantified expression of the natural processes dimension necessary for projecting or managing crisis situations, in topographic measuring and cartographic rendering of realities and changes in the geographic space.

Basic study specializations (Geography, Cartography, Hydrology and Meteorology) which work under the guidance of the department are meant to confer pragmatic orientations to the didactic and research activities, in accordance with the labor market requests and offers. Only this way we can further be useful to the society.

Graduate students of basic specializations of our faculty can pursue masters studies as "Geomatics" and "Resources and Risks in the Hidroatmospherical Environment", guided by the department's professors. To be mentioned is that a significant number of masters come from other universities. After graduating a master, there is the possibility of joining the PhD line of study, at the guidance of the faculty professors.

The department's staff includes highly qualified specialists, proof being brought by scientific performances, also national and international acknowledgement related to the last two decades: 50 published books at CNCSIS renown publishers, 27 published articles in ISI rated magazines, 28 published articles in ISI proceedings scientific conferences volumes, 160 published articles in BDI indexed magazines, 67 published articles in BDI indexed scientific conferences etc. The significant number of younger colleagues which are open towards anything new in the field of work is relevant to the orientation towards new aspects of research and education. Practical activity takes place in well-equipped laboratories with specific and informatics technology. Field activities which annually take place at the Baru Mare base camp or other locations have an emphasized importance.

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