



ENVIRONMENTAL SCIENCES: A PSYCHOLOGICAL-BEHAVIORAL MODEL FOR RESEARCHERS

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Abstract

The psychological and social aspects of the researcher profession and of the scientific research work are topical issues in the current worldwide psychological, educational and managerial literature. Research materializes into psychological counseling theories and tools and in scientific research skills training projects (according to Skills Training Requirements for Research Students) included in various academic curricula. The study therefore tackles the definition of the psychological and behavioral requirements for professional scientific researchers, according to Romanian researchers and specialized academic teaching staff. A structured personality trait checklist based on factorial personality models was drafted for data collection purposes. The specificity of the tool developed here is given by the "general knowledge" section with direct reference to the researcher occupation; the knowledge was selected both from the viewpoint of the classical knowledge theory and from the standpoint of the requirements of the various project drafting models proposed by national and international scientific research financing programs. The results obtained after the statistical processing of the data provided by 173 subjects identify a small core of behavioral traits, abilities, values and general knowledge characteristic to researcher. The paper also describes the psychological tools employed to evaluate them.

Key words: environmental sciences, researcher traits, research skills

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