

“ANSWERS” MODEL APPLICATION IN A ROMANIAN MOUNTAIN WATERSHED

Victor Dan PĂCURAR¹

Abstract: *The paper presents some results of the researches undertaken for testing the ANSWERS model in a Romanian mountain watershed. The model was calibrated for a storm event that occurred in the Grohotis Watershed, located in the Bucegi Mountains. The results of the simulations for seven other floods were compared with the observed data, enabling the formulation of some conclusions regarding the possibilities of applying the ANSWERS model in mountain watersheds.*

Key words: *runoff, erosion, ANSWERS model, mountain watersheds.*