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## CHARACTERIZATION OF CERTAIN SOIL PROCESSES USING SOFTWARE-BASED MODELING

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### Abstract

Simulations using computer models require detailed knowledge of all processes in the soil. *Mohid Land* is an important modeling program developed by a research team from Lisbon. It is a continuous, distributed, variable time step watershed that is grouping 4 compartments and water moves through them. In this paper, the authors discuss the procedure applied for modeling using *Mohid program* and the results obtained during simulation of the behaviour of a type of soil.

*Key words:* modeling program, *Mohid Land*, simulations, soil, watershed

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