

EUROPEAN UNION European Structural and Investment Funds Operational Programme Research, Development and Education



Preparation of the international Ph.D. study programme "Environmental Engineering" CZ.02.2.69/0.0/0.0/16_018/0002660

Transport processes in rock and soil

Lecture 3

Doc. Ing. Milan Hokr, Ph.D. Technical University of Liberec

Topic introduction

 Quantities and equations for variably saturated porous medium

- General case

• How related to previous?

Reminder – natural groundwater systems



Balance equation - revisited



Unsaturated/variably-saturated medium





Retention curve





Various soils





Finished

• Next: solute transport (dissolved mass)