

# Download Modeling Of Transport Processes In Soils At Various Scales In Time And Space

1. Introduction. The multifunctionality of soils is increasingly recognized as a decisive aspect in global land management. After its introduction in the 1990s, the concept of soil functions was further developed to a systemic approach covering all aspects of soil-based environmental, social and economic services (Baveye et al., 2016; Blum, 1993). ...Peat soils are organic rich materials, usually containing  $\approx 20$  mass % C org (Canadian System of Soil Classification, CSSC, 1998). The unique combination of physical properties of peat, including low bulk density, high total porosity, and the ability to swell and shrink upon wetting and drying (), means that concepts and methods used to describe the porous media properties of mineral soils may ...HYDRUS Shortcourse: March 19-21, 2018, Prague, Czech Republic "Modeling water flow and contaminant transport in soils and groundwater using the HYDRUS software packages". Register early; the course tends to sell out. COLLEGE OF THE ENVIRONMENT EARTH AND SPACE SCIENCES Detailed course offerings (Time Schedule) are available for. Spring Quarter 2019; Summer Quarter 2019; Autumn Quarter 2019