



The quality of ground water from Dolj county

Ana Maria DODOCIOIU, M. SUSINSKI, A. TUDOSIE - University of Craiova

The European Directive 60/2000/EC on the establishing of a communitarian action framework on water policy impose measures for improving water quality and the distribution of pressured and pressure free underground waters. Regarding this point of view, within Dolj County there were localised the following underground water reservoirs: ground water reservoir from Danube terraces and lowland; ground water reservoir from Jiu River terraces and lowland; deep groundwater reservoir from Pliocene formations; Romanian reservoir; Dacian reservoir; deep ground water reservoir from Sarmatian formations; deep groundwater reservoir from Pleistocene formations; Fratesti strata; Candesti strata; ground water reservoir from loessoid deposits of Leu-Rotunda Plateau. Within 2008-2009 period there was researched the quality of these water bodies by analysing water samples from wells in order to establish whether they can be used as drinkable water. For this purpose there were analysed the main quality indicators of water according to 161/1602. 2006 Order Environment Ministry used for approving water quality in order to establish their ecological status. After doing these analyses there resulted that most of the water bodies from Dolj District have a good quality excepting those from Jiu terraces and lowlands.