Short Curriculum Vitae

Anna Maria De Girolamo took her degree in Civil Hydraulic Engineering at the Technical University of Bari, in February 1992. She got a master of Landscape Engineering at Technical University of Bari. She had teaching experiences in mechanics and physics. She had three-years of Scholarship of the National Research Council (NRC) in hydro-geological water balance assessment at regional scale, at the Water Research Institute in Bari (Italy). She had several contracts as assistant researcher with the Water Research Institute and she carried on Hydrological and Water Quality modelling activity and characterization of hydrological regimes in Mediterranean watersheds. From January 2008, she is a researcher at the Water Research Institute in Bari. She carry on an educational activity in watershed hydrology, advising students and co-directing thesis and she is involved in several research projects in the frame of Italian and European Programs.

Participation in research projects

- Italian Project "*Hydro-geological water balance assessment at regional scale*". The natural groundwater recharge was evaluated as the substraction between the soil inflow and outflow enable to determine the soil water balance. Then in order to calculate the subsoil water balance, the withdrawals for different purposes have been estimated together with the inflows coming from other water bodies and coastal outflows (2000-01).
- Italian Project "*The use of olive oil mill wastes in agriculture*". The olive oil mill wastes are considered potential pollutants because of the great quantity of organic content. The spreading on agricultural soils seems to be the most ration solution. The aim of the project was to evaluate the pollutants that could reach groundwater after spreading. An in situ experimentation using lysimeter was conducted.
- EU "*EUROHARP*" (EVKI-CT-2001-00096). The aim of the project was to compare the performance of nine quantification tools by applying them on a large number of European-wide catchments, located in a network of 17 catchments throughout Europe. (2003)
- EU "*TempQsim*" (EVK1-CT2002-00112). The general aim of the project was to improve the tools for increasing the efficiency of the integrated water management in the Mediterranean and in semiarid river catchments. To meet this aim, the special dynamics of ephemeral and temporary waters have been incorporated into the existing instream water quality models. The improved models have been tested in selected catchments in the Mediterranean region (2004-2005).
- EU "AquaStress" (contract n°511231-2 - 6th EU FP for RTD) delivering interdisciplinary methodologies enabling actors at different levels of involvement and at different stages of the planning process to mitigate water stress problems. The project draws on both academic and practitioner skills to generate knowledge in technological, operational management, policy, socio-economic, and environmental domains (2006-2007).
- Project "MIRAGE - Mediterranean Intermittent River Management" (EU FP7 contract 211732). Using thematic investigations in different river basins in all South-European member states and Morocco, the project will undertake an integrative co-development of exemplary River Basin Management Plans in two basins to support the applicability of the for temporary streams and hence supporting substantially the development of Integrated Water Resources Management in the Circum-Mediterranean region.