

Angela Di Ruocco

Specialisation	Civil engineer working in the AMRA's technical – scientific staff
Research interests	<ul style="list-style-type: none"> - Hydrogeological risk assessment. - Measures for flood and landslide risk mitigation. - GIS databases - Multi-risk models
Short curriculum vitae	<p>After graduating in Civil Engineering in 2005 at the University of Naples, Angela Di Ruocco began to work on AMRA activity for the Civil Protection of Campania Region related to the prevention of hydrogeological risk acquiring skills on flooding hazard models and GIS tools.</p> <p>She also worked on INTERREG research projects concerning management, prevention and reduction of natural risks in the Mediterranean Eastern Basin, dealing with identification of natural and anthropogenic risks in Campania Region.</p> <p>In AMRA Angela Di Ruocco also worked on the project "Risk Management Plan for water supply and sewer systems of Cuenca City – Ecuador", supported by ETAPA – Ecuador for the creation of a Risks Management Plan for water supply and sewer systems for the city of Cuenca.</p> <p>In addition, she deals also with multi-risk models and currently, she is involved in the ongoing AMRA projects, including the following activities:</p> <ul style="list-style-type: none"> • CLUVA (CLimate change and Urban Vulnerability in Africa) funded by the European commission (FP7) www.cluva.eu; • "ByMur" project (BaYesian MulTI-Risk assessment: a case study for natural risks in the city of Naples) funded by the Italian Ministry of University and Research, http://bymur.bo.ingv.it/; • MATRIX (New Multi-HAZard and MulTI-RIsK Assessment MethodS for Europe), Specific Targeted Research Project funded by EU FP7, http://matrix.gpi.kit.edu/.
Publications	<p>"Basic principles of multi-risk assessment: a case study in Italy", di Marzocchi W., Garcia A., Gasparini P., Mastellone M.L., Di Ruocco A., Natural Hazards – under final review</p> <p>"Principles of multi-risk assessment" di Marzocchi W., Mastellone M.L., Di Ruocco A., Novelli P., Romeo E., Gasparini P., European Commision, 72 pp, 2009</p> <p>"Sull'uso di modelli idrologici ed idraulici semplificati per la difesa dai fenomeni alluvionali" di Criscuolo A., Di Ruocco A., Palmieri M., Pianese D., Workshop di preparazione alla Conferenza Nazionale sui Cambiamenti Climatici 2007</p> <p>"Cambiamenti climatici e dissesto idrogeologico: scenari futuri per un programma nazionale di adattamento", Napoli (2007)-POSTER</p> <p>"Un'applicazione del metodo dei volumi finiti per l'analisi di transitori rapidi in alvei a fondo mobile" di Palumbo A., Di Ruocco A., Cozzolino L., Pianese D., proc. XXX° Convegno di Idraulica e Costruzioni Idrauliche – IDRA, Roma (2006)</p> <p>"Modellazione numerica, attraverso la tecnica dei volumi finiti, dei fenomeni di evoluzione d'alveo" di Barbiero L., Castro Tellez L. M., Di Ruocco A., Pianese D., proc. 2° Congresso Nazionale A.I.G.A., Bari (2006)</p>