



Università
Ca' Foscari
Venezia

TITOLO PROGETTO: BIR AL-NAS Bottom-up IntegRated Approach for sustainabLe grouNdwater mAnagement in rural areaS

**PROGRAMMA DI FINANZIAMENTO: VII PROGRAMMA QUADRO
BANDO: MARIE CURIE-IOF (International Outgoing Fellowships (IOF))**

STRUTTURA (Dipartimento/Centro) : UNIVERSITÀ CA' FOSCARI VENEZIA

DATI FINANZIARI:

Costo Complessivo del Progetto	Finanziamento Europeo Complessivo Assegnato
€ 212.532,00	€ 212.532,00

SINTESI PROGETTO:

Groundwater resources represent the largest volume of all unfrozen fresh water on Earth. However the knowledge and understanding of this precious resource is very little, if compared to surface water, especially to the general public and policy makers. Indeed, groundwater resources if carefully managed can make a significant contribution to meet increasing water demand, agricultural needs and to adapt to global climate change, particularly in coastal regions. For this reason it is of paramount importance to promote groundwater protection and to raise awareness on its crucial role in sustaining human activities and wellbeing worldwide. Within these emerging needs, Bir Al-Nas (Bottom-up IntegRated Approach for sustainabLe grouNdwater mAnagement in rural areaS) project's overall objective is to develop a replicable example of integrated approach for science-based groundwater management practices, by studying the aquifer system in the Cap Bon Peninsula (Tunisia). This region has been chosen as a case study being representative of increasing global water scarcity and aquifer overexploitation issues in coastal areas. The overall objective is meant to be achieved through an integrated hydrogeochemical and social analysis finalized to obtain robust and reliable information for providing advices and supporting integrated management practices for rural development. In Arabic Bir Al-Nas means the "well of people" and emphasizes the effective inclusion of the social dimension into hydrogeological investigations. Framed within European Research Area (ERA)'s priorities as proposing a research addressing global challenges and contributing to the achievement of sustainable development goals, Bir Al-Nas will benefit of the mobility offered by the Marie Curie IOF programme, also creating the basis for long-term international cooperation between the National School of Engineering of Sfax, Tunisia (ENIS, outgoing host) and Ca' Foscari University of Venice in Italy (UNIVE, return host).

Inizio Attività (previsione)	Fine Attività (previsione)
01/10/2013	31/09/2016

PARTENARIATO

1	Università Ca' Foscari Venezia	Italia	Coordinatore
2	Enis (Ecole Nationale d'Ingenieurs de Sfax)	Tunisia	Partner

SITO-WEB: <http://biralnas.wordpress.com/>