

## **Groundwater rebound, groundwater quality and aquifer vulnerability assessment in urban and rural environments**

Prof. Vincenzo Allocca

12 hours – 3 CFU

### **Short Program of the Course:**

- Groundwater rebound: description, causes, effects, methods of analysis and case studies – 3 hours
- Groundwater quality: monitoring techniques, methods of analysis and case studies - 3 hours
- Aquifer vulnerability assessment: concepts, methods of analysis and case studies – 6 hours

**Prerequisites:** basic knowledge of hydrogeology and engineering geology