

**Giuseppe Faldi**

**DIAEE - Department of Astronautical, Electrical and Energetic Engineering  
Sapienza University of Rome**

### **Biography**

Giuseppe Faldi holds a Bachelor's and a Master's Degrees in Environmental Engineering and he is currently enrolled in the PhD program in Sustainable Development and International Cooperation at the Department of Astronautical, Electrical and Energetic Engineering (DIAEE), Sapienza University of Rome.

His major fields of specialization are water resource management, sustainability and climate change, impact and vulnerability assessment.

His PhD research focuses on exploring the use of vulnerability scenarios as a tool for designing community based strategies for adaptation to climate change in urban Sub-Saharan contexts, with Dar es Salaam (Tanzania) as a case study.

For his Master's thesis he has conducted research on the evaluation of vulnerability to climate change of the coastal communities in Dar es Salaam as regards saltwater intrusion in the aquifer.

Besides, during an internship at "Comunità Montana del Casentino (Arezzo, Italy)" (Public Local Authorities in mountain territory management), Giuseppe Faldi has conducted research regarding the elaboration of project proposals for riverbank protection in Corsalone River (Bibbiena) with the use of bioengineering.

He is currently collaborating with the Department of Civil, Building and Environmental Engineering (DICEA), Sapienza University of Rome, in the project "Adapting to Climate Change in Coastal Dar es Salaam".

### **Contacts**

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