



Pietro Scala

Date of birth: 31/05/1997 | **Nationality:** Italian | **Phone number:**

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Address: Via G. Marconi, n 41, 91011, Alcamo, Italy (Home) |

Address: Viale delle Scienze, Edificio 8, Dipartimento di Ingegneria, Palermo, Italy (Work)

WORK EXPERIENCE

01/11/2021 – CURRENT Palermo, Italy

PHD IN COASTAL ENGINEERING - XXXVII CYCLE "CHEMICAL, ENVIRONMENTAL, BIOMEDICAL, HYDRAULIC AND MATERIALS ENGINEERING". UNIVERSITY OF PALERMO (UNIPA)

Main topics:

Climate Change Impacts, Coastal Erosion, Shoreline Monitoring, Wave Climate and sediment transport modelling and analysis.

EDUCATION AND TRAINING

Palermo, Italy

MASTER'S DEGREE 110/110 CUM LAUDE University of Palermo

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	C1	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Office | Microsoft Word | AutoCad 2D -3D | ArcGIS, ESRI, QGIS, EPANET, Google Earth Pro | Applications and experience on diverse range of software for Remote sensing, GIS, Image Processing | Microsoft Excel | Python (PyROOT, RDataFrame; ML: Keras, TensorFlow) | Microsoft Powerpoint | Experience in MATLAB, python, and R | EPANET | EPA-SWMM | MIKE 21 | HEC-RAS | SWAN (Simulating Wave Nearshore) | HEC-HMS

PUBLICATIONS

2022

[The Use of GAMLSS Framework for a Non-Stationary Frequency Analysis of Annual Runoff Data over a Mediterranean Area](#)

Pietro Scala, Giuseppe Cipolla, Dario Treppiedi and Leonardo Valerio Noto, 2022