

Allegato alla domanda di partecipazione
Curriculum formativo, didattico, scientifico e professionale del candidato

Dichiarazione sostitutiva di certificazioni

(Art. 46, D.P.R. 28 dicembre 2000 n. 445)

Dichiarazione sostitutiva dell'atto di notorietà

(da sottoscrivere davanti all'impiegato addetto o da presentare o spedire con la fotocopia di un documento di identità)
 (Art. 47, D.P.R. 28 dicembre 2000 n. 445)

Estremi del bando di selezione	"Mitigazione dell'alluvione pluviale urbana in oggi e scenari futuri da parte di NBS" Direttore scientifico: professore ordinario Prof. Francesco Viola Selezione Codice: 115A-24
Informazioni aggiornate al	01/01/2023
Nome e Cognome	Sayedeh Tahereh Vakily

Si raccomanda di indicare con precisione tutti gli elementi valutabili ai sensi del bando di selezione (aggiungere o togliere righe secondo necessità).

Esperienza professionale

Periodo	Ente	Principali attività e responsabilità
11/04/2023 – 15/07/2023	NGI- Norwegian Geotechnical Institute	Visiting researcher, Thesis Collaboration
2019 – 2021	Sadra Institute of Higher Education	Teaching "Environmental Engineering" course to Undergraduate Students
2019 – 2020	Sadra Institute of Higher Education	Teaching "Principal of GIS in Civil Engineering" course to Undergraduate
01/10/2009 – 31/03/2010	'Tarh and Sazeh Shemiran' Construction company	Monitor the construction process

Istruzione, formazione (es. titoli di studio, certificazioni professionali/linguistiche/informatiche)

Data	Titolo / Principali tematiche	Ente
26/02/2021 – 10/04/2024	MSc. Civil Engineering for Risk Mitigation	Politecnico di Milano
23/09/2014 – 19/01/2017	MSc. Civil and Environmental Engineering	Sharif University of Technology
23/09/2006 – 22/06/2010	BSc. Civil Engineering-Civil Engineering	Sadra Institute of Higher Education

Pubblicazioni / Convegni

Yang, B., Guo, Z., Wang, L., He, J., Xia, B., & Vakily, S. (2023). Updated Global Navigation Satellite System Observations and Attention-Based Convolutional Neural Network-Long Short-Term Memory Network Deep Learning Algorithms to Predict Landslide Spatiotemporal Displacement. *Remote Sensing*, 15(20), 4971.

Altre attività scientifiche

Rockfall Stability Assessment and Landslide Stability Simulation Applying Geo-Engineering Techniques for Unstable Slopes through "Landslide Simulation Experiments" and "In-situ Rockface Evaluations" (Student teamwork project). [20/09/2022 – 19/01/2023]
Flood Emergency Plan for the City of Sondrio, Italy Develop an emergency plan to face the flood risk for the town of Sondrio resulting from an intense event with distributed erosion, a flood wave with intense sediment transport, and outflow from the river into the town (Student teamwork project). [07/2022]
Risk assessment of the Garfagnana Valley, Tuscany Region, Italy Risk assessment of the Garfagnana Valley, Tuscany Region, Italy. Evaluating hazards, exposures, vulnerabilities, and damages in the region and representing risk scenarios and mitigation measures (Student teamwork project). [12/2021]

Geospatial Data Processing to Support Seismic Emergency Management (Locating Shelter Area for Amatrice, Italy) Evaluating hazards, exposures, vulnerabilities, and damages in the region and representing risk scenarios and mitigation measures, and sheltering evacuated people from damaged areas in the safe zones (Student teamwork project). [07/2021]

River Hydraulics for Flood Risk Evaluation. 1-D modeling of Serio River flow in ordinary and peak conditions byHEC-RAS software and 2-D modeling of the river flow by R2D software (Student teamwork project). [06/2021]

Avalanche Hazard Maps Production using ArcGIS. [06/2021]

Ulteriori informazioni pertinenti

Skilled in Python, Machine Learning, QGIS, CloudCompare, HEC HMS, Google Earth Pro / WhiteboxTools

English language level B2

Italian language level A2

Luogo, data e firma