

PERSONAL INFORMATION

Hamed Nati

Date of birth: 03/24/1995 Nationality: Iranian Gender: Male

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ACADEMIC QUALIFICATIONS

From 2018/09 until 2021/09

Master of Environmental Engineering

University of Tehran (Tehran, Iran)

Average mark : 17.61 out of 20 (GPA=3.88/4)

Thesis Topic: Response Surface Methodology approach to the Optimization of Soil Washing with the Use of Surfactants for Remediation of Cresols' Contaminated Soil and Effluent Treatment by Cloud Point Extraction.
(Supervisors: Prof. Gitipour and Dr. Baghdadi)

From 2013/09 to 2017/09

Bachelor of Civil Engineering

Mahallat Institute of Higher Education (Mahallat, Markazi province, Iran)

Average mark : 15.58 out of 20

RESEARCH INTERESTS

- Solid Waste Management
- Hazardous Waste Treatment and Environmental Remediation
- Life Cycle Assessment in Waste Management
- Conversion of Waste to Energy

SELECTED COURSES

- Environmental Engineering Fundamentals
- Soil Pollution
- Landfill Liners
- Hazardous Waste
- Energy and Environment
- Integrated Waste Management
- Statistics for Environmental Engineers
- Waste Recycling
- Conversion of Waste to Energy
- Life Cycle Assessment in Waste Management

ORAL PRESENTATION

- Soil Washing Process and Water Reuse
- Landfill Liners
- Underground Storage Tanks Management
- Tolerance and Prediction Intervals
- Methods for Hazardous Waste's Management and Treatment
- E-Waste Recycling

POSSIBLE RECOMMENDATIONS

Saeid Gitipour

Professor at University of Tehran, Iran

(Area: Soil Pollution and Treatment – Hazardous waste Management)

Majid Baghdadi

Associate Professor at University of Tehran, Iran

(Area: Environmental Chemistry – Environmental Analysis)

Masoud Paknahad

Assistant Professor at Mahallat Institute of Higher Education, Iran

(Area: Non Linear Analysis – Soil Structure interaction – Finite Element)

PUBLICATIONS

1- Response Surface Methodology Approach to the Optimization of Soil Washing with the Use of Surfactants for Remediation of Cresols' Contaminated Soil and Effluent Treatment by Cloud Point Extraction. ([In Preparation](#))

AWARDS AND RECOGNITION

- A member of Iran's National Waste Management Society
- Graduated student in master degree at the best University of Iran (University of Tehran) (<https://www.usnews.com/education/best-global-universities/university-of-tehran-504903#rankings>)
- Achieved the top results in enrolment exam for the master's degree (Mahallat Institute of Higher Education)

WORK EXPERIENCE

2017-2018

Civil Engineer

Talash Omrane Caspian engineering group (Tehran-Iran) - Expert

2015-2017

Civil Engineering Technician

- Danoob Abniah Saz engineering group (Tehran-Iran) - Intern
- T.S.B engineering group (Tehran-Iran) - Intern

IELTS EXAM RESULTS

Band Score: 6.5 (Listening: 7.5, Reading: 6, Speaking: 7, Writing: 6)

PERSONAL SKILLS

COMMUNICATION SKILLS

- Ability to work both autonomously and as part of team
- Time Management and Organizational skills
- Highly adaptable person, responsive to changing situations
- Commitment to work

COMPUTER SKILLS

- Familiar with Life Cycle Assessment (LCA) software, particularly SimaPro
- Experienced in using Design Expert software and Landgem
- Practical experience in (ETABS-SAFE-AutoCAD) and programming (Python and MATLAB)
- Competent with most Microsoft Office programmes
- Highly experienced in using internet resources, including references and bibliographic databases
- Handling Research data
- Typing skills

Other Skills and Hobbies

- Fluent in three languages (Persian, Azerbaijani, and English)
- Member of Basketball team in Mahallat Institute and University of Tehran
- Playing the Guitar
- Swimming
- Cycling