



Alborz Sadeghi - Civil Engineer | MSc in Wind Power Project Management

Master’s graduate in Wind Power Project Management with experience in wind farm feasibility studies, wind resource assessment, environmental impact assessment, MCDA-based decision support, quality control, and coordination of academic projects. Brings strong analytical skills, a structured and reliable way of working, and a clear focus on delivering high-quality results, with a strong motivation to take on new challenges and gain new experiences.

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 Vattugränd 7, Visby, Gotland, Sweden

LANGUAGES

Persian (Farsi) & Azari: Native Language

English: Proficient



Turkish: Advanced



Swedish: Intermediate



Arabic: Intermediate



ACHIEVEMENTS

- Awarded the Ljungbergsfonden scholarship (2025) for my master’s thesis
- Certified as proficient in English with IELTS Academic Overall Band 8.0 (2021)

TECHNICAL ABILITIES

Wind Farm

- Layout design & optimization
- Onshore and offshore project design and development
- Yield prediction & analysis
- Noise, visual & shadow calculations
- MCDA tool development - PROMETHEE II & TOPSIS
- Drafting EIA
- Risk analysis

Civil Works

- Supervising Civil Works
- Strong Background in Civil Works Planning

SOFTWARE PROGRAMS

- MATLAB
- windPRO
- QGIS
- ProjectLibre
- MS Project
- Primavera P6
- Microsoft Office
- Visual PROMETHEE
- AutoCAD

CAREER HISTORY

Uppsala University

University Lecturer in Energy Transition and Wind Power

Department of Earth Sciences, Wind Energy Division

Visby - Sweden (Nov. 2025 - Present)

- Course responsible in Energy System and Environmental Impact
- Teaching, administrative, and technical support duties in Wind Power Basics, Energy System & Environmental Impact, Sustainable Energy Transition, and Wind Resource Assessments distance courses and Wind Power Project Management Master’s Program
- Coordinating with colleagues and administration to ensure smooth course execution
- Developing problem log and quality control for distance courses

Visiting Teacher

Uppsala University, Department of Earth Sciences, Wind Energy Division

Visby - Sweden (Sep. 2025 - Oct. 2025)

- Teaching and administrative duties in Wind Power Basics and Energy System & Environmental Impact distance courses

Stora Enso - Uppsala University

Thesis Collaboration

Visby - Sweden (Mar. 2024 - Nov. 2025)

Thesis Title: *A Multi-Criteria Decision Analysis Tool Based on PROMETHEE II and TOPSIS to Compare Steel, Green Steel and LVL Timber Wind Turbine Towers for Onshore Wind Power Projects in Sweden.*

Started by conducting a full feasibility study for Stora Enso’s proposed location:

- Conducted a preliminary Environmental Impact Assessment (EIA), evaluating the potential impacts on flora, fauna, birds, bats, cultural heritage, and other environmental factors along with proposing possible mitigation measures.
- Performed layout optimization, MCP, Time-Varying AEP, noise, shadow flicker, photomontage, ZVI, and calculations using windPRO.
- Utilized QGIS to create detailed maps and generate new shapefiles for project planning.
- Identified project risks and developed mitigation strategies.
- Performed comprehensive stakeholder analysis to inform project decisions.
- Conducted financial feasibility assessments to evaluate project viability.

In the final phase, I developed the MCDA tool:

- Developed an interactive Excel-based Multi-Criteria Decision Analysis (MCDA) tool integrating PROMETHEE II and TOPSIS to compare steel, green steel and LVL timber tower concepts and aid decision-making
- Designed and conducted an expert consultation process using a semi-Delphi approach
- Conducted intra- and inter-method sensitivity analysis

Hitachi Energy

Internship

GCoC Office

Västerås - Sweden (Nov. 2023 - Jan. 2024)

- Worked on Project Quality Evaluation process, analyzing NCRs, identifying root causes, and leveraging Lessons Learned (LLs) for process refinement
- Gained hands-on experience with the 8D root-cause analysis process on a real case
- Supported logistics for a power quality project in the Middle East, experiencing cross-cultural collaboration and adaptability
- Analyzed data to identify high-impact issues – presented as my final report to my supervisors

COURSES (HITACHI ENERGY)

- L6S White Belt Awareness Training
- L6S Yellow Belt Project Closure
- Life Saving Rules
- Logistics Technologies, Network Design and Cold Chain Management
- PGGI - Power Quality – Industry Applications
- PGGI - Power Quality – Shunt Compensation

COMMUNICATION SKILLS

- Support smooth cross-team collaboration
- A team player with a strong belief in teamwork and proactive in solving problems through it.
- Always seek opportunities to learn from experts

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Uppsala University

Teaching Assistant

Department of Earth Sciences, Wind Energy Division
Visby - Sweden (Sep. 2023 - Dec. 2024)

- Teaching and administrative duties
- Organized and analyzed a large set of statistics from the program to refine new strategies

Social Media and Advertisement

Department of Earth Sciences, Wind Energy Division
Visby - Sweden (Mar. 2023 - May. 2023)

- Initiated and launched the WPPM Podcast and developed social media pages and content strategy

Technical & Engineering Office of Khodapanahi

Supervising Civil Engineer

Ardabil - Iran (Oct. 2015 - Jul. 2022)

- Supervised construction teams and prepared daily reports to ensure the project stayed on schedule
- Planned and scheduled MDU construction projects, structuring project timelines, defining dependencies, and using ProjectLibre and Excel for Gantt-style planning
- Designed green spaces and surrounding areas for the “Mahtab” residential complex using AutoCAD
- Engaged with stakeholders and ensured smooth communication
- Coordinated with subcontractors to meet project timelines

EDUCATION

Master’s degree in Wind Power Project Management

Uppsala University, Visby, Sweden (Sep. 2022 - Dec. 2025)

Bachelor’s degree in Civil Engineering

Azad University of Ardabil, Ardabil, Iran (Sep. 2011 - Sep. 2014)

REFERENCES

Andrew Barney (Master’s thesis supervisor and course lecturer during my master’s studies)

University Lecturer at Department of Earth Sciences - Wind Energy - Uppsala University

andrew.barney@geo.uu.se

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Liselotte Aldén (Course director and lecturer during my master’s studies; close collaboration as a teaching assistant)

University Lecturer & Director for MSc in Wind Power Project Management - Uppsala University

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Ian Hennessy (Internship supervisor at Hitachi Energy)

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Surendra Singh (Internship supervisor at Hitachi Energy)

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