

## Masoud Taghavi



**Address:** Process Systems & Safety Engineering (PSSE) Lab., Chung-Ang University (CAU), 84 Heukseok-ro, Dongjak-gu, Seoul 06974, South Korea

**Primary Email:** [mtaghavi@cau.ac.kr](mailto:mtaghavi@cau.ac.kr)

**Additional Email:** [m-taghavi@tvu.ac.ir](mailto:m-taghavi@tvu.ac.ir)

**Additional Email:** [masoudtaghavi67@gmail.com](mailto:masoudtaghavi67@gmail.com)

**Web page:** [http://psse.cau.ac.kr/ps\\_people2](http://psse.cau.ac.kr/ps_people2)

**LinkedIn:** <https://www.linkedin.com/in/masoud-taghavi-ba524777/>

**ORCID:** <https://orcid.org/0000-0001-9794-2608>

**Mobile:** (+98) 9111912666; (+82) 1068711260

**Masoud Taghavi** is a Post-Doctoral Research Fellow at [PSSE Lab., Chung-Ang University \(CAU\) in Seoul, South Korea](#), PhD in Mechanical Engineering- Energy Conversion, and Head of Mechanical Engineering Department, at [Faculty of Noshahr, Technical and Vocational University \(TVU\), Iran](#). His research interests are mechanical engineering, energy engineering, hydrogen liquefaction, production, and storage, LNG, fuel cell, sustainable energies and green systems, solar energy and photovoltaic panels (PV), renewable energies and HVAC new technologies fields, low energy building, and CCUS. For more than 10 years, Masoud has worked as an HVAC engineer in buildings, a researcher, and a teacher for various universities in Iran. Masoud was introduced as the "Top Researcher" and "Top Lecturer" in the faculty of Noshahr, Technical and Vocational University (TVU), Iran, respectively in 2020, and 2021, 2022.

### Main research interests:

- Hydrogen, Fuel cell, CCUS, Photovoltaic panels (PV)
- Process integration
- Renewable and sustainable energies
- Save and convert energy
- Energy efficiency and optimization
- Building mechanical engineering (HVAC)

**Google Scholar:** <https://scholar.google.com/citations?user=ior8B-8AAAAJ&hl=en>

**Web of Science:** <https://www.webofscience.com/wos/author/rid/AAQ-7929-2021>

**Researchgate:** <https://www.researchgate.net/profile/Masoud-Taghavi-2>

### Additional Information:

- Verified peer reviews in Web of Science: +400
- "Employment license for engineers" in the field of mechanical engineering and "Gas inspector" at IRCEO (Iran Construction Engineering Organization)
- Member of the ICREPQ-International Scientific Committee
- REE&PQJ-Scientific Committee Member