Curriculum Vitae

Name & Surname: Abbas Asakereh

Date of Birth: 1985

Address, Suburb, State, Postcode: Department of Biosystem Engineering, Faculty of Agriculture, Shahid Chamran University of Ahvaz, Ahvaz, Iran and Postal Code: 61357-43311

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PROFESSIONAL PROFILE:

Assistant Professor of Biosystem Engineering in Shahid Chamran University of Ahvaz, Iran.

EDUCATION BACKGROUND:

Ph.D.:

Agricultural Mechanization Engineering, University of Tehran, Karaj, Iran, (2010-2014).

Thesis Title:

"Implementation of fuzzy multiple-criteria decision support system for prioritizing and selecting the appropriate areas for developing some of renewable energies in Shoeibieh region using GIS "

M.Sc.:

Agricultural Mechanization Engineering, University of Tehran, Iran, (2008-2010).

Dissertation Title:

"Efficiency Assessment of Canned Fish Production System in Khuzestan Province"

B.Sc.:

Agricultural Mechanization Engineering, Agricultural Sciences and Natural Resources University of Khuzestan, Iran, (2004-2008).

TEACHING AND TRAINING EXPERIENCE:

Undergraduate Courses:

- Agricultural Machinery
- Maintenance and Repair Engineering
- Engineering Management

Graduate Courses:

- Energy Systems Modeling
- Advanced Engineering Economics
- Energy Management and Economics
- Decisions with Multiple Criteria
- Greenhouse Management
- Energy Auditing
- Fuzzy Management

HONOURS AND AWARDS:

- Achieving the first rank /grade of the entrance exam for the bachelor's degree in agricultural mechanization engineering, Khuzestan University of Agricultural Sciences and Natural Resources, Iran, (2008).
- Achieving the first rank in the national university entrance exam for the master's degree among mechanization students in Iran, (2008).
- Top master student of agricultural mechanization engineering, University of Tehran, Iran, with a grade point average of 19.31 out of 20 (2010).
- Achieving the top rank of Ph.D. entrance exam in Agricultural Mechanization Engineering, University of Tehran, Iran (2010).
- Top PhD student in Agricultural Mechanization Engineering with a grade point average of 19.31 out of 20 (2014).

INTERESTS AND RESEACH FIELDS:

- Renewable energy
- Agricultural machinery
- Green waste management
- GIS

RESARCH ACTIVITIES:

PUBLICATIONS:

1. Asakereh, M. Soleymani, M.J. Sheikhdavoodi. 2017. A GIS-based Fuzzy-AHP method for the evaluation of solar farms locations: Case study in Khuzestan province, Iran. Solar Energy 155, 342-353.

2. Asakereh, M. Omid, R. Alimardani, F. Sarmadian. 2014. Developing a GIS-based fuzzy AHP model for selecting solar energy sites in Shodirwan region in Iran. International Journal of Advanced Science and Technology 68, 37-48.
3. Asakereh, M.J. Shiekhdavoodi, M. Safaieenejad. 2010. Energy consumption pattern of organic and conventional lentil in Iran a case study: Kuhdasht County. Asian Journal of Agricultural Sciences 2 (3), 111-116.
4. Asakereh, M.J. Shiekhdavoodi, M. Almassi, M. Sami. 2010. Effects of mechanization on energy requirements for apple production in Esfahan province, Iran. African Journal of Agricultural Research 5 (12), 1424-1429.
5. M. Chabok, A. Asakereh, H. Bahrami, N.O. Jaafarzadeh. 2020. Selection of MSW landfill site by fuzzy-AHP approach combined with GIS: case study in Ahvaz, Iran. Environmental Monitoring and Assessment 192 (7), 1-15.
6. Asakereh, M.J. Shiekhdavoodi, A. Akram. 2010. Investigation of energy consumption in agriculture sector of Iran and their effect on air pollution and social cost. Research Journal of Applied Sciences, Engineering and Technology 2 (5), 401-406.
7. Asakereh, M. Omid, R. Alimardani, F. Sarmadian. 2914. Spatial analysis the potential for energy generation from crop residues in Shodirwan, Iran. International Journal of u-and e-Service, Science and Technology 7 (1), 275-284.
8. Asakereh, M. Safaienejad, M. Sami. 2011. Energy and economic analysis of dry farming chickpea in Iran a case study: Lorestan province. Journal of Agricultural Technology 7 (3), 547-555.
9. Asakereh, S. Rafiee, S.A. Aadati, M. Aafaee. 2010. Dry farming wheat in peasant farming system in Kuhdasht county of Iran: energy consuming and economic efficiency. Journal of Agricultural Technology 6 (2), 201-210.
10. Asakereh, A. Akram, S. Rafiee, A. Marzban. 2010. Energy consumption and greenhouse gases emission form canned fish production in Iran a case study: Khuzestan province. Research Journal of Applied Sciences, Engineering and Technology 2 (5), 407-413.
11. Asakereh, M. Omid, R. Alimardani, F. Sarmadian. 2015. Investigating potential of wind energy in Mahshahr, Iran. Wind Engineering 39 (4), 369-384.
12. Asakereh, M. Ghadiryanfar, M.J. Sheikhdavoodi. 2016. The Feasibility of Electricity Production by Using Rooftop Solar Panels in Rural Areas of Khuzestan Province. Geography And Development Iranian Journal 14 (43), 113-132.
13. N. Moradi, A. Asakereh, M.J. SheikhDavoodi. 2021. Challenges and Opportunities in Development of Agricultural Mechanization in Ahvaz County using SWOT Method. Journal of Agricultural Machinery 11 (2), 535-548.
14. N. Nouri, A. Asakereh, M. Soleymani. 2021. Investigating the Interaction Effects of Inoculation and Temperature on Biogas Production from Dairy Industry Effluent in Anaerobic Digestion Process.Iranian Journal of Biosystems Engineering 52 (1), 79-93.
15. S.M.S. Ardebili, A. Asakereh, M. Soleymani. 2020. An analysis of renewable electricity generation potential from municipal solid waste: a case study (Khuzestan Province, Iran). Biomass Conversion and Biorefinery, 1-9.
16. Taheri-Garavand, A. Asakereh, K. Haghani. 2010. Energy elevation and economic analysis of canola production in Iran a case study: Mazandaran province. International journal of environmental sciences 1 (2), 236.

17. F. Esk, H. Bahrami, A. Asakereh. 2011. Energy survey of mechanized and traditional rice production system in Mazandaran Province of Iran. African Journal of Agricultural Research 6 (11), 2565-2570.
18. Hardani, S., Sheikhdavoodi, M., & Asakereh, A. (2020). Evaluation of Some Sustainability Indices in Shahid Rajaee and Dawbar Khazaei Agro-Industries in Khuzestan Province Using Multi-Criteria Decision Making: Case study, Corn, Wheat and Sugarcane Production. JOURNAL OF AGRICULTURAL SCIENCE AND SUSTAINABLE PRODUCTION, (Articles in Press).

RESEARCH PROJECTS:

1. Ranking and selection of renewable energy resources for electricity generation in Khuzestan province.
2. Feasibility study and Implementation of spatial decision support system for prioritization of land suitability for solar energy generation in Khuzestan province.

JOURNALS REFEREE:

1. Iranian Journal of Biosystem Engineering, Indexed in ISC (Islamic Science Citation), Published by University of Tehran, Iran. Print ISSN 2008-4803, Online ISSN: 2423-7841. Website: https://ijbse.ut.ac.ir/?lang=en.
2. Journal of Agricultural Engineering, Indexed in ISC (Islamic Science Citation), Published by Shahid Chamran University of Ahvaz, Iran. ISSN 0254-3648. Website: http://agrieng.scu.ac.ir/.
3. Journal of Agricultural Machinery, Indexed in ISC (Islamic Science Citation), Published by Ferdowsi University of Mashhad, Iran. ISSN-Print: 2228-6829, ISSN-Online: 2423-3943. Website: https://jame.um.ac.ir/.

LANGUAGES:

- Persian (native)
- Arabic (native)
- English (good)