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نام خانوادگی : یوسفی

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- تحصیلات

کارشناسی: مهندسی منابع طبیعی، گرایش محیط زیست، دانشگاه تهران (۱۳۷۴)

کارشناسی ارشد: مهندسی محیط زیست، گرایش ارزیابی اثرات توسعه، دانشگاه تهران (۱۳۷۶)

دکتری: مهندسی محیط زیست، گرایش ارزیابی اثرات توسعه، دانشگاه کیوشو ژاپن (۱۳۸۸)

دوره های مهم آموزشی (Post Graduate)

دوره ۶ ماهه "محیط زیست و انرژی های نو"، دانشگاه سازمان ملل (UNU)، ایسلند، (۱۳۸۳)

دوره ۱ ساله " کاربرد GIS در مطالعات محیط زیست و مکانیابی " دانشگاه کیوشو ژاپن، (۱۳۸۵)

فوق دکتری ارزیابی اثرات توسعه بر محیط زیست صنایع انرژی، دانشگاه کیوشو ژاپن (۱۳۸۹)

سوابق کاری

عضو هیئت علمی دانشگاه، مقطع کارشناسی ارشد (در حال حاضر)

کارشناس ارشد پروژه های EIA، گروه محیط زیست، مرکز مطالعات انرژی ایران، (۷۵-۷۸)

مدیرگروه محیط زیست، سازمان بهره‌وری انرژی ایران، معاونت انرژی، وزارت نیرو، (۷۹-۸۱)

مدیر پروژه های ملی EIA و پروژه های مکانیابی نیروگاه ها با GIS، وزارت نیرو، (۸۱-۸۵)

مقالات

۱۰ مقاله چاپ شده در ژورنالهای ISI و مجلات معتبر خارجی

بیش از ۳۰ مقاله تحقیقی ارائه شده در کنفرانسهای بین المللی (آمریکا (۳)، نیوزیلند، ایسلند، کره

جنوبی (۳)، مالزی (۲)، چین (۳)، اندونزی (۳)، ژاپن (۱۲) و..

PERSONAL DATA

Name: Hossein
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Marital status: Married



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CURRENT POSITION

PhD in Environmental Engineering specialized in Environmental Impact Assessment, Post Doctoral fellow Faculty of Engineering, Department of Earth Resources Engineering, Kyushu University, Japan.

REASERCH INTRESTS

- Environmental Impact Assessment (EIA)
- Application of Geographic Information System in Environmental Modeling.
- Application of Geographic Information System in Industrial Site Selection.
- Numerical Simulation and Prediction Modeling of Air Pollution Distribution.

EDUCATION

- **PhD**, Environmental Engineering (Environmental Impact Assessment), Kyushu Univ., Japan, 2010.
- **M.Sc.**, Environmental Engineering, University of Tehran, Iran, 1997.
- **B.Sc.**, Natural Resources Engineering (Environmental Major), University of Tehran, Iran, 1995.

PHD DISSERTATION AND M.Sc. THESIS

- Spatial Environmental Impact Assessment and Sustainable Energy Recourses Development by Application of Geographic Information System in Environmental Modeling, case study Sabalan Geothermal Power Plant, NW Iran, **PhD** Dissertation, Kyushu University, Japan.
- Statistical Modeling of Environmental Impact Assessment of Tabriz Fossil Fuel Power Plant by Waste Water Management and Monitoring, Tehran Uni. **M.Sc.**, Thesis, Iran.

MEMBERSHIP

- Scientific Committee of Technical Seminar on Oil, Gas and Environment, 2008
- **ISEIS** - International Society for Environmental Informatics Sciences, 2008
- Geothermal Research Society of Japan, since 2006.
- The Academic society of Iranian in Japan, since 2006.
- United Nation University Student Society, since 2004.
- Iranian Society of Environmental Specialists from since 2007
- Member of the Iranian Association for Environment Assessment from 2002.
- International Association for Impact Assessment, 2007.
- Membership in over 6 National Associations.

PREVIOUS OCCUPATIONS

- **PhD student**, Kyushu University, Japan, April 2006 – 2010
- **Senior Expert**, Environmental Group, Iran Energy Efficiency Org., 2002-2006.
- **Head** of Environmental Group, Iran Energy Efficiency Org., 2000-2002.
- **National Project Manager**, Iran Energy Efficiency Org., 1997-2002.
- **Expert**, Environmental Group, Iran Energy Research Center, 1995-1997.
- **Vice Chairman**, Tourism Research Center, Ministry of Culture, 1993-1995.

PROFESSIONAL TRAINING COURSES IN BRIEF

- Workshop for Decision Makers on Direct Heating Use of Geothermal Resources in Asia, Tianjin, China, 11 – 18 May 2008, Organized by United Nations University Geothermal Training Program, Iceland and TBLRREM and TBGMED, **China**.
- Sustainable Energy Development in the Environment, Geographic Information System, Site Selection Process and Spatial Analysis, Under Professor *Sachio Ehara*, October 1, 2006 to March 31, 2007, Geothermics Lab., Kyushu University, **Japan**.
- Diploma in Environmental Impacts Assessment of Geothermal Energy Projects, United Nation University, Geothermal Training Program, April to November 2004, Reykjavik, **Iceland**.
- "Industrial Source Complex Model **ISC3View**" computer program for dispersion modeling of air pollutants, International Environmental Course, November to December 2007, Kyushu University, **Japan**.
- Practical Environmental law, October 2003, Iran Energy Efficiency Org., Iran.
- ISO 9001 and 14001 Auditing, July 2003, Rah Keifiat Co. Tehran, Iran.
- **GIS**, ArcMap, ArcSeen, 3d Analist and Arc/View, 1999, Negare Co. Tehran, Iran.
- ICDL and many computer skills trainings, 1999-2005, Beheshti University, Iran.

AWARDS

- Application of GIS in Environmental Studies, KLCC, Kuala Lumpur, Malaysia, Map Asia, 2007, from Geothermics Laboratory, Kyushu University, Japan.
- PhD Scholarship, 4 years full support in Kyushu University from Japanese Government, Start Apr 2006.
- Japanese language in International Student Center in Kyushu University, 6 month Scholarship from Japanese Government, Apr to October 2006.
- World Geothermal Congress (WGC2005), May 2005, Antalya Turkey, Supported by United Nation University.
- Geothermal Environmental Studies (May to October 2004). 6 months full Support Scholarship from United Nation University, Geothermal Training Program in Reykjavik – Iceland.

NATIONAL REPORTS

- **2005**, Application of GIS in Site Selection for Thermal Power Plant in Fars province, Iran Energy Efficiency Organization, Ministry of Energy, Center of Iran.
- **2005**, Application of GIS in Site Selection for Thermal Power Plant in Boushehr province, Iran Energy Efficiency Organization, Ministry of Energy, South of Iran.
- **2004**, Application of GIS in Air Pollution Modeling in Gazvin province, Iran Energy Efficiency Organization, Ministry of Energy, Iran.
- **2003** , Application of GIS in Site Selection for Thermal Power Plant in Ardebil, Ilam, Zanzan and Semnan provinces, Iran Energy Efficiency Organization, Ministry of Energy, Iran.
- **1999-2002**, Environmental Impact Assessment (EIA) of Geothermal project in Sabalan Area, Renewable Energy Organization (SUNA), Ministry of Energy, Project Manager, Iran.
- **1996-2002**, Preliminary Site Selection for New Fossil Fuel Thermal Power plants with Environmental Criteria and application of GIS System, Ministry of Energy, 2 phases, Iran.
- **1999-2000**, Formulation of Policy for Deal with Global Warming in Iran, Ministry of Energy, Iran.

INTERNATIONAL REPORTS

- **1996-1999**, Environmental Impact Assessment of Tabriz and Isfahan Thermal Power Plants, Contribution of (JICA) Japan International Cooperation Agency, Ministry of Energy, Iran Energy Efficiency Organization and Center of Iran Energy Studies, Iran.
- **2004**, Application of GIS in Environmental Impact Assessment of Sabalan Geothermal Area NW Iran, United Nation University, Geothermal Training program (UNU GTP), Isor Co. and Orkostufnon Co. of Iceland, Under Professor Halldor Armanson, Published book, pp. 439-474. Access site, <http://www.unugtp.is/Apps/WebObjects/Orkustofnun.woa/swdocument/2822/19Hossin.pdf>

JURNAL PAPERS

- Yousefi, A., Sasaki, K., **Yousefi, H.**, Sugai, Y., CO2 Emission and Economic Growth of Iran, Mitigation and Adaptation Strategies for Global Change (Accepted), DOI: 10.1007/s11027-010-9252-z.
- **Yousefi, H.**, Noorollahi, Y., Ehara, S., Itoi, R., Yousefi, A., Fujimitsu, Y., Nishijima, J., Sasaki, K., Developing the Geothermal Resources Map of Iran , Geothermics, 39, 2010, pp 140-151.
- **Yousefi H.**, Ehara S., Fujimitsu Y., Nishijima J. and Yousefi, A., 2008, Environmental Impact Assessment and Management System of Geothermal Energy Development, Geothermal and Volcanological Research Report of Kyushu University, No.17, pp. 12-26, December 2008.
- Noorollahi Y., **Yousefi H.**, Itoi R., Ehara S., 2008. Geothermal energy resources and development in Iran, ISI Journal of Renewable and Sustainable Energy Review, vol. 13, No. 5, June 2009, pp. 1127-1132.
- **Yousefi H.**, Ehara S., 2008. Geothermal Power Plant Site Selection Using GIS in Sabalan Area, NW Iran, Journal of Arab Construction World, May 2008, Vol. 26, Issue 05, pp.40-43.
- **Yousefi H.**, Ehara S., Noorollahi Y., 2008. Progress of Geothermal Development in Iran, Journal of the Geothermal Research Society of Japan, Vol.30 No.3, pp. 181-192.
- **Yousefi H.**, Ehara S., Fujimitsu Y., Nishijima J., 2007. Environmental Impact Assessment for Sustainable Geothermal Energy Development , Journal of Geothermal and Volcanological Research, Kyushu University, December 2007, No.16, pp. 56-63.
- **Yousefi H.**, Ehara S., and Noorollahi Y., 2007. Feasibility Study of Geothermal Energy Development In Iran, Journal of Oil and Energy of Iran, In Persian, No. 13, July 2007, pp 52-61.
- **Yousefi H.**, Ehara S., Noorollahi Y., Nishijima J., 2006. GIS Integration Method for Geothermal Resource Siting, Journal of Geothermal and Volcanological Research, Kyushu University, December 2006, No.15, pp. 79-89.

- **Yousefi H.**, 1999, The Role of Particulate Matter in Iran's Air Pollution, Journal of Economy of tomorrow, In Persian, Iran, No.1 pp. 66-69.

INTERNATIONAL CONFERENCE PAPERS

- **Yousefi H.**, Ehara S., Yousefi A., 2009. Global environmental impacts of climate change And a review of the challenges In Iran, 2nd international symposium of Novel Carbon Resources Science, March 10 – 11, Faculty of Mining and Petroleum Engineering, Institute Technology of Bandung, Bandung, Indonesia pp. 50-61.
- **Yousefi H.**, Ehara S., Yousefi A., Seidi F., 2009. Geothermal development in Iran and environmental impacts assessment of Sabalan geothermal power plant, Proceeding of forth Annual Conference of Academic Society of Iranian in Japan, March 1, Tokyo, pp 79- 83.
- **Yousefi H.**, Ehara S., Yousefi A., Seiedi F., 2009. Environmental impact assessment of Sabalan geothermal power plant NW Iran, 34th workshop on Geothermal Reservoir Engineering, February 9 - 11, Stanford, CA, USA, 54-62. Access site; <http://pangea.stanford.edu/ERE/pdf/IGAstandard/SGW/2009/yousefi.pdf>
- Noorollahi Y. and **Yousefi H.**, 2008. New Method for Energy Resources Assessment, Iranian National Cartography, GIS87, 24 Nov., 2008. Ghazvin, Iran, pp. 1-15
- **Yousefi H.**, Ehara S., Yousefi A., Seidi F., Armannsson H., 2008. Geothermal environmental impact assessment, Proceeding of 6th International Symposium on Earth Science and Technology, December 1–2, Kyushu University, Nishijin Plaza, Fukuoka, Japan, pp. 121-128, Access site, <http://www.mine.kyushu-u.ac.jp/Symposium'08-English-.pdf>
- Yousefi A., **Yousefi H.**, Sasaki K., Ehara S., 2008. State of power generation and environmental issues in Iran, Proceeding of 6th International Symposium on Earth Science and Technology, December 1–2, Kyushu University, Nishijin Plaza, Fukuoka, Japan, pp. 473-480, Access site, <http://www.mine.kyushu-u.ac.jp/Symposium'08-English-.pdf>
- **Yousefi H.**, Ehara S., 2008. Environmental impact assessment report of geothermal energy development, Proceedings of 30th NZ Geothermal Workshop, November 11-13, Great Lake Center, Taupo, New Zealand, pp. 145-150.

- **Yousefi H.**, Ehara S., Armannsson H., 2008, Geothermal energy development and mitigation of climate Change, Proceeding of Annual Conference of Geothermal Research Society of Japan, Oct.29- Nov. 1, No.1002, Kanazawa university, Kanazawa, Japan, A21.
- Noorollahi Y., **Yousefi H.**, 2008. One decade geothermal energy development in Iran, benefits, challenges and future policy, Proceeding of Renewable Energy (RE) 2008, October 13-17, BEXCO, Busan, Korea, O-GT-003, 156 p.
- **Yousefi H.**, Ehara S., 2008. Noise impacts assessment of Sabalan geothermal power plant project NW Iran, Proceeding of Renewable Energy (RE) 2008, October 13-17, BEXCO, Busan, Korea, O-GT-010, pp. 164-166.
- **Yousefi H.**, Ehara S., 2008. Application of GIS in air quality impact assessment, Proceeding of ASIA GIS 2008, September 26-27, Busan, Korea, pp. 189-196.
- Noorollahi Y., **Yousefi H.**, Itoi R., Ehara S., 2008. Geothermal energy resources and development in Iran, Workshop for Decision Makers on Direct Heating Use of Geothermal Resources in Asia, United Nation University Geothermal Training Program and Ministry of Land and Resources of P.R. China, Tianjin, 11 -18 may 2008, pp. 273-275. Access site, <http://www.os.is/Apps/WebObjects/Orkustofnun.woa/swdocument/28479/52-Younes+Noorollahi.pdf>
- **Yousefi H.**, Ehara S., 2008. Geothermal Power Plant Siting in Sabalan Area NW Iran Proceeding of 3rd Annual Conference of Academic Society of Iranian in Japan, March 1, Tokyo, pp 79- 83, Access site, <http://meetings.asij.ir/2008/Persian.pdf>
- **Yousefi H.**, Ehara S., 2008. GIS Integration Method for Geothermal Power Plant Siting in Sabalan Area NW Iran, 33rd workshop on Geothermal Reservoir Engineering, January 28 - 30, Stanford, CA, USA, 148-153. Access site; <http://pangea.stanford.edu/ERE/pdf/IGAstandard/SGW/2008/yousefi1.pdf>
- **Yousefi H.**, Ehara S., and Noorollahi Y., 2008. Air Quality Impact Assessment of Sabalan Geothermal Power Plant Project NW Iran, 33rd workshop on geothermal reservoir engineering, January 28 - 30, Stanford, CA, USA, 216-222. Access site; <http://pangea.stanford.edu/ERE/pdf/IGAstandard/SGW/2008/yousefi2.pdf>

- **Yousefi H.**, Ehara S., Noorollahi Y. and Saffarzadeh A., 2007. Environmental Aspects of Geothermal Energy Development in Iran, Proceeding of 5th International Symposium on Earth Science and Technology, December 3rd – 4th, Kyushu University, Fukuoka, Japan, Pp 139-148, Access site, <http://ere.mine.kyushu-u.ac.jp/Member/Student/Younes/files/Environmental%20aspects%20of%20geothermal%20energy%20in%20Iran.pdf>
- **Yousefi H.**, Ehara S., 2007. Environmental Impact Assessment for Sustainable Geothermal Energy Development , Proceedings of 29th NZ Geothermal Workshop, November 19-21, Auckland, New Zealand, No. 014, pp. 1-9
- **Yousefi H.**, Ehara S., 2007. Geothermal Power Plant Site Selection Using GIS in Sabalan Area NW Iran, Proceeding of 6th Annual International Conference on Geographic Information Technology and Application, Map Asia 2007, August 14th-16th, Paper No. 194, KLCC, Kuala Lumpur, Malaysia. Access site; <http://www.gisdevelopment.net/application/utility/power/mi07194.htm>
- **Yousefi H.**, Ehara S., Noorollahi Y., 2007, Geothermal Potential map of Iran, Proceeding of Annual Conference of Geothermal Research Society of Japan, November 28 -30, No.1005, Tsukuba, Japan, B06.
- **Yousefi H.**, Ehara S., Samadi R., Sohrab T., Khadem H. and Noorollahi Y., 2007. GIS Integration Method for Thermal Power Plants Siting; Case Study; Fars Province Southern part of Iran, Proceeding of 6th Annual International Conference on Geographic Information Technology and Application, Map Asia 2007, August 14th-16th, Paper No. 159, KLCC, Kuala Lumpur , Malaysia, Access site; <http://www.gisdevelopment.net/application/utility/power/mi07159.htm>
- **Yousefi H.**, Ehara S., 2007. New GIS Method for Siting Geothermal Prospected Area in Iran, Proceeding of 2nd Annual International Conference of Academic Society of Iranian in Japan, February 24, Tokyo, Pp 45- 49. Access site; <http://meetings.asij.ir/persian/46p.pdf>
- **Yousefi H.**, Ehara S., Noorollahi Y., 2007. Geothermal Potential Site Selection using GIS in Iran, 32nd workshop on geothermal reservoir engineering, January 22 - 24, Stanford, CA, USA, 174-182. Access site, <http://pangea.stanford.edu/ERE/pdf/IGAstandard/SGW/2007/yousefi.pdf>

- **Yousefi H.**, Ehara S., Samadi R., Sohrab T., Noorollahi Y., 2006. Thermal Power Plants Site Selection Using GIS in Fars Province Southern part of Iran, Proceeding of 4th International Workshop on Earth Science and Technology, 4th-5th December, Kyushu University., Fukuoka, Japan, Pp 135-145. Access site; <http://www.mine.kyushu-u.ac.jp/workshop/workshop2006/Timetable06-Nov25.pdf>
- **Yousefi H.**, Ehara S., Noorollahi Y., 2006. Geothermal Development in Iran, Proceeding of Annual Conference of Geothermal Research Society of Japan, Fukushima, Nov.19-23, No.B12, Pp 51-69. Access site; <http://sciencelinks.jp/j-east/article/200701/000020070106A1035034.php>
- **Yousefi H.**, Samadi R., Sohrab T., 2006. Site Selection for New Thermal Power Plants with Environmental Criteria and using GIS, Proceedings of the 2nd National Congress of Society of Iranian Environmental impact assessment Experts.
- Noorollahi Y., **Yousefi H.**, 2005. Monitoring of Surface and Ground Water Quality in Geothermal Exploration Drilling of Meshkinshahr Geothermal Field NW Iran, Proceedings World Geothermal Congress, Antalya, Turkey, April 24 – 29, paper 0210. Access site; <http://iga.igg.cnr.it/pdf/WGC/2005/0210.pdf>
- Valadan Zoej M.J.,....., **Yousefi H.**, 2005, Thermal Power Plant Site Selection Using GIS, Proceeding of 4th Annual International Conference on Geographic Information Technology and Application, Map Asia, Indonesia - Jakarta,22-25 August.
- **Yousefi H.**, 2005. Application of GIS in Environmental Impact Assessment of Sabalan Geothermal area NW Iran, United Nation University, Geothermal Training Program, Reykjavik, Iceland, Report 19, Pp. 439-474. Access site; <http://www.os.is/Apps/WebObjects/Orkustofnun.woa/swdocument/2822/19Hossein.pdf>
- Karbassi A, **Yousefi H.**, Samadi R., Sohrab T., 2004. Site Selection of New Fossil Fuel Power plants with Environmental Criteria and application of GIS System at Semnan and Ilam province of Iran, Proceedings of the First National Congress of Society of Iranian Environmental Experts.
- **Yousefi H.**, Noorollahi Y. & Sohrab T., 2003. Environmental Impact Assessment of Meshkinshahr Geothermal Power Plant, Proceedings of the 4th International Energy Congress, In Persian, Tehran, Iran, Pp. 210-219.
- Noorollahi Y., **Yousefi H.**, 2003. Preliminary Environmental Impact Assessment of Geothermal Project in Meshkinshahr NW Iran, International Geothermal Conference (IGC 2003), Reykjavík, Session 12, paper 004, Pp. 1-11. <http://ere.mine.kyushu->

u.ac.jp/Member/Student/Younes/files/Preliminary%20environmental%20impact%20assessment%20of%20a%20geothermal%20.pdf

REFERENCES

- **Sachio Ehara**, Professor, Department of Earth Resources Engineering, Kyushu University, Japan, Phone: +8192- 802-3321, E-mail: Ehara@mine.kyushu-u.ac.jp
- **Yasuhiro Fujimitsu**, Associated Professor, Department of Earth Resources Engineering, Kyushu University, Japan, Phone: +8192- 802-3324, E-mail: Fujimitsu@mine.kyushu-u.ac.jp
- **Younes Noorollahi**, Doctor of Engineering on Energy Resources Management, Kyushu Uni., Japan, Phone:+8180-3964-7181, E-mail: Younes@mine.kyushu-u.ac.jp