

**Name and Surname:** Amir Nazemi

**Scientific Position:** Assistant Professor, Department of Futures Studies, NRISP

**Address:** No.9, Soheil St., South Shiraz Ave., Mollasadra Ave., Tehran, Iran

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## Education

**Ph.D.:** Science & Technology Policy , Allameh Tabatabayee University, Tehran, Iran, 2011

**M.Sc./ M.A.:** Management of Technology (MOT), Allameh Tabatabayee University, Tehran, Iran, 2006

**B.Sc./B.A.:** Mechanical Engineering , Isfahan University of Technology, Isfahan-Iran, 2002

## Responsibilities

- Head of the Department of Futures Studies of NRISP

## Research Interests

- Futures studies, science and technology policy

## Courses

### Courses Taught :

A. MA. And PhD. Levels:

B. Undergraduate Level:

## Selected Publications

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### Publications

#### **A. Books**

1. Nazemi, A. (2010). Marine Technology Foresight: Iran 2025. Tehran: NRISP

2. Nazemi, A. (2010). Aerospace Technology Foresight: Iran 2025. Tehran: NRISP Publisher.
3. Nazemi, A. (2010). Biotechnology Foresight: Iran 2025. Tehran: NRISP.
4. Nazemi, A. (2010). Telecommunication Technology Foresight: Iran 2025. Tehran: NRISP.
5. Nazemi, A. (2010). Information Technology Foresight: Iran 2025. Tehran: NRISP
6. Nazemi, A. (2008). Scenario Planning. Tehran, Institute for International Energy Studies (IIES).
7. Nazemi, A. (2006). Foresight, from Concept to Implement. Tehran: HTIC.
8. Nazemi, A. (2006). Product Development in Hi-tech Startup Enterprise. A section of a book, prepared for incubators & Technology Parks in Iran. The book published in Farsi. Tehran: Rasa

### **Translation**

1. Nazemi, A. (2013). UNIDO, Technology Foresight Manual-1, 2. (Translated into Farsi), Chief Farsi Editor & Member of Translating team, Tehran, Iran.
  2. Nazemi, A. (2006). Foresight Glossary (Translated into Farsi). Chief Farsi Editor & Member of Translating team. Tehran: Futures Studies Center.
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### **B. Journal Articles**

1. Montazer, G., Nazemi, A., & Mousavinasab, M. (2013). Consequences of Rethinking in Elite, Concept Consequences Of Rethinking In Elite Concept. Journal Of Science And Technology, 5(2), 17-32.
2. Kazazi Abolfazl, T. H., Taghavifard, M. T., & Nazemi, A. (2012). National Information Technology Development Views Based on Experts Clustering. National Information Technology Development Views Based on Experts Clustering. Journal of Science and Technology Policy.
3. Nazemi, A. (2012). Application of Text-Mining for Science and Technology Map Development. Sonar Case Study, 6<sup>th</sup>. National & 2<sup>nd</sup>. International Conference of Management of Technology, Iran.
4. Kazezi Abolfazl, T. H., Taghavifard, M. T., & Nazemi, A. (2011). Identification of Vulnerable Strategies Based on Assumption Base Planning. Identification of Vulnerable Strategies Based on Assumption Base Planning. Behbood Modiriati.
5. Nazemi, A. (2010). Prioritizing Method in “National Science Map. 4<sup>th</sup>. National Conference of Management of Technology, Iran
6. Nazemi, A. (2010). Applying Data Mining in Technology Roadmap: Roadmap of Mobile Telecommunication Messaging Services in Mobile Telecommunication Company of Iran (MCI as A Case Study. 4<sup>th</sup>. National Conference of Management of Technology, Iran.
7. Nazemi, A. (2010). Structural Analysis of Iran Export Based on BCG Model. 4<sup>th</sup>. National Conference of Management of Technology, Iran.
8. Nazemi, A. (2008). Generic & Specific Objectives in Foresight Programs. 2<sup>nd</sup>.

- National Conference of Management of Technology. Iran.
9. Nazemi, A. (2006). Foresight: Linking Strategic Planning, Policy Making and Futures Study. Futures, Technology and Development Outlook, Iran.
  10. Nazemi, A. (2006). Foresight as a Tool for Policy Making, Futures. Technology and Development Outlook, Iran
  11. Nazemi, A. (2006). Designing a Foresight Program: Looking on Dimensions. Futures, Technology and Development Outlook, Iran
  12. Nazemi, A. (2006). Distinctions Between Regional and National Foresight Programs. Futures, Technology and Development Outlook, Iran.
  13. Nazemi, A. (2004). Redefinition Technology Transfer of Hydro-Conversion to Research Institute of Petroleum Industry. National Conference on Technology Development in Petroleum Industry.
  14. Nazemi, A. Identification of Emerging Areas Based on Technology Life Cycle: Unmanned Underwater Vehicles Technology as a Sample
  15. Nazemi A., Shamaee, A. & Ghadiri, R. Identification of Emerging Areas Based on Technology Life Cycle: Unmanned Underwater Vehicles Technology as a Sample. Journal of Technology Development Management.
  16. Nazemi, A. Policy Analysis of ICT in Iran: Foresight Approach. First International Conference of Information Technology Export and Industry Best Research Award.

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### **C. National and Research Projects**

- Technology Monitoring for New Petrochemical Products, Petrochemical Research and Development Company- [www.npc-rt.ir/](http://www.npc-rt.ir/) , Project Director, 2014 - Now
- Technology Roadmap of Core Banking (Mobile, Internet and Distribution Channels) , : Informatics Services Corporation- <http://www.isc.co.ir> , Project Consultant, 2013- Now
- Regional Foresight in Markazi Province, Project Director, 2013 - Now
- Exploration Methods for Increasing Incomes Through E-banking Fees, Saderat Bank of Iran (Iran's Export Bank)- <http://www.bsi.ir> , Project Consultant, 2013- Now
- Patent Analysis and Technology Forecasting of Gas Turbine Blade Technologies, MAPNA Group (MAPNA Turbine Blade Engineering and Manufacturing Company- PARTO)- <http://www.mapnablade.com> , Project Director- (Member of Steering Committee), 2012 - 2013
- National Petrochemical Industry Foresight, National Petrochemical Company- <http://nipc.ir/> , Member of Steering Committee & Sub-Project Director, 2012 - Now
- Restructuring of National System for Gifted, Talented and Elite System , National Foundation of Elites- <http://www.bmn.ir> , Project Director- (Member of Steering Committee), 2011 - 2012
- Behavioral Clustering of Clients in Banking Industry of Iran; Based on Data-Mining Methods, Saderat Bank of Iran (Iran's Export Bank)-<http://www.bsi.ir> Project Consultant, 2011 -2012

- Coating, Color and Printing Technology Roadmap, : Institute for Color Science and Technology- <http://www.icrc.ac.ir> , Project Consultant, 2011- 2011
- Agricultural Science & Technology Master Plan, Ministry of Agriculture, Project Director, 2010 - 2011
- Regional Foresight in Hamedan Province, Project Director, 2009 – 2011
- Industrial sustainable development Model in megacities and organizing industries, and activities in Tehran as a pilot, Tehran municipality ([www.Tehran.ir](http://www.Tehran.ir)), Foresight Director- (Member of Steering Committee), 2009– 2010
- MCI (Mobile Operator) Roadmap, Mobile Communications Company of Iran (MCI) , Peyk Asa ([www.peykasa.com](http://www.peykasa.com)), Group Director - (Member of Steering Committee), 2009 -2009
- National Science & Technology Roadmap, Ministry of Sciences, Research and Technology, Scenario Planning for Science & Technology Group Director, 2008-2008
- Research & Review the Foresight Experiences in Countries, Hi-tech Industrial Centre (HTIC)- Ministry of Industries and Mines, Director, 2008- 2008
- Spatial Planning Policies in Commercial Sector, Institute for Trade Studies and Research- Ministry of Commerce, Futures Studies, Researcher, 2007 -2008
- Strategic Human Resource Management for Oil & Petrochemical Industries, Ministry of Petroleum- Institute for International Energy Studies (IIES) , Futures Studies, Researcher 2008- 2009
- Iranian 1<sup>st</sup>.National Foresight: Pilot Foresight Project for Determining the Most Appropriate Technologies for Iran 2025: PAMFA, National Research Institute for Science Policy (NRISP), Member of Steering Committee), 2007- 2010
- Assessment, Identification & Design of Optimum Sectoral Foresight Process- High-tech Sector in Iran as a sample, Hi-tech Industrial Centre (HTIC)- Ministry of Industries and Mines Executive Manager, 2005- 2006
- Futures Encyclopedia, Futures Studies Center, Executive Manager, 2005- 2007
- Diffusion of Foresight activity in Iran - Holding seminar program on Foresight, 2004- 2005
- Methods and Practice associated by UNIDO, -tech Industrial Centre (HTIC)- Ministry of Industries and Mines, Executive Manager

## Certificate

1. Foresight, OIC Standing Committee on Scientific & Technological Cooperation (June-July, 2009)
2. Technology Transfer Policy for Developing Countries
3. OIC Standing Committee on Scientific & Technological Cooperation (Sep. 2009)

4. Technology Foresight Methods and Practice , International Technology Workshop by UNIDO

5. High-Tech Management Development Program in International Context

6. 144 hours courses by CERAM Sophia Antipolice (France) and Sharif Technology University

### Awards

1. National Book Award for “Scenario Planning” Book ,Ministry of Culture, 2008, Tehran

2. National Award on Students Magazine for “GhooGhooli Ghoo Ghoo” Magazine, A Magazine in Literature , 2001, Tehran

### Membership

1. National Academy of Sciences ,Member of Study Groups in “Futures Studies of Science and Technology”- The Center for Science and Technology Studies - [www.ias.ac.ir](http://www.ias.ac.ir)

2. The youngest member

3. National Academy of Persian Language and Literature, Member of the Futures Studies Group - [www.persianacademy.ir](http://www.persianacademy.ir) , The youngest member

4. Iranian Association for Management of Technology (IRAMOT), Member of the Board - <http://www.iramot.ir>

5. Atinegaar Think-Tank (one of the pioneer think-tank in Iran), Member of the board

6. National Research Institute for Science Policy (NRISP), Assistant Professor, Chair in “Futures Studies” department

### Lecture

Iranian Petrochemical Companies CEO’s Summit, Title: Future of Iran Petrochemical Industry, Organization: National Petrochemical Company (NPC), 2013.

8<sup>th</sup>. Conference on R&D Centers, invited by: R&D Society of Iranian Industry, Mine & Commerce, Iran, 2010.

International Seminar on technology Foresight Exercises in Pakistan, 17<sup>th</sup>. Oct. 2009

Launching National Program on Spatial Planning In Iran, Title: Regional Foresight as a Spatial Planning Tool, Organization: Vice Presidency for Strategic Planning and Supervision, 2006.

7. World Futures Studies Federation (WFSF), Professional Membership

8. Iranian Society of Future Studies (ISFS), Member of the Board - <http://iranfsa.ir>

### **Official Citation**

1. 5<sup>th</sup>. 5-year National Development Plan of Iran, Organization: Vice Presidency for Strategic Planning and Supervision, Contribution: Advisor in Technology Policy, May 2009

2. National Technology Foresight 2025, Organization: Ministry of Sciences, Research and Technology, Contribution: Project Director, 2010

3. National Strategy on Gifted, Talented & Elite Staffs, Organization: Contribution: Steering Committee, 2012