

## General Information

*N*amvaranPooyeshBaladasti (Namvaranupstream) which is JSC was established in 2012 to provide research and engineering services, to develop new technologies, to provide procurement and managerial services, consultancy and training in upstream industries. With the experts in both managerial and engineering team, the company is prepared to render internationally acceptable front end study, design and engineering services in the Oil and Gas Projects. The NUP's vision is to achieve significant international market shares.

***“We maintain that the “we can” is not a mere slogan”***

The main Mission of the company is to provide quality service in each line of activities. In this regard, we set our priorities on the training and updating our staff in line with international standards.

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***[www.namvaranup.com](http://www.namvaranup.com)***

## Management and Key Personnel



### **Firooz Ardeshirian Tabarsi**

Chairman of the Board

M.S.c.in Control engineering

**Mr. Ardeshirian** is the founder of several major companies namely Namvaran Consultant Engineering Managers, Chaman Engineering Company:

***Namvaran Sanat, Namvaran Pajooresh Tosee, and Namvaran Pooyesh Baladasti (Namvaran Upstream).***

He has more than 40 years of experience in Downstream and Upstream industries. Moreover he was involved in many mega projects like the design and engineering of surface facilities of offshore oilfield like Aboozar, feasibility study in Foroozan and Balal and South Pars.

He was the project manager of oil and gas transmission pipelines and associated facilities.

Besides Mr. Ardeshirian has worked on mechanical and instrumentation design engineer for pump stations, oil loading terminals, gathering systems and compressor stations.

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## Management and Key Personnel



**Hoora Ahmadi**

Managing Director

M.Sc. in petroleum Geology

She has 14 years of experience in upstream industry and was involved in many projects in Iran oil and gas fields like preparation of master development plan (MDP) for Shanul oil field, Homa and Varavi gas fields, CheshmehKhosh oil field, and Updating the Kangan Gas field, Yort-e- Shah depleted field for gas storage plan, feasibility studies for QezelTappeh field as a gas storage target. She has experience in organic geochemistry studies and has studied the petroleum systems of Persian Gulf and the surrounding areas as a reference works for RIPI (Research Institute of Petroleum of Iran). Moreover she has experience in marketing and business development issues in oil and gas industries. In parallel to technical issues, she went through several courses in Marketing and Business development management and served as a Business Development manager for a period of her vocational life.

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## Management and Key Personnel



### **Reza Sanajian**

Member of the board

M.Sc. in Mining

Mr.Sanjajian has 15 years of experience tin design and stability analysis of subsurfacestructures, dams and buildings. He has design and fabrication experience for rock mechanicalgeotechnical test and instruments for measurement of displacement. He is the managing director of Follower industrial plants company and providesassistance as geomechanical advisor.

### **Shirin Nasiri**

Member of the board

B.Sc. in Mining



Mrs.Nasirihhas 15 years of experience indesign and stability analyzing ofunderground structures, dams and buildings. She has been working as aproject engineer and proposal coordinator at Namvaran Consulting Engineering Company and as a research engineer and project engineer at Follower Industrial Projects Company.

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## Management and Key Personnel



### **Homayoun Behzad Asiri**

Head of Reservoir Engineering Department

PhD in Petroleum Engineering.

Dr. Behzad Asiri has 41 years of experience in the supervision of both Upstream and Downstream projects. He has worked as a senior Mathematical Model Analyst and the head of the Reservoir Simulation and Modeling in NIOC (National Iranian Oil Company). He served as the senior specialist on West Karun river oil and gas fields project and was involved in Underground gas storage studies for Yurt-e-shah Qom structure and Kangan gas field studies for Central Iran oil Co. Moreover he served as a team member for model studies of naturally fractured reservoir properties using neural network for Research & Development department of NIOC. Dr. Behzad Asiri is a lecturer in Islamic Azad University as professor of reservoir engineering.

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## Management and Key Personnel



### **MerdasFaraji**

Geological Senior Advisor

MSc in Paleogeography

For the past 42 years, Mr. Farajih has experienced the supervision of different departments namely field & surface geology, subsurface geology methods, reservoir geology, sedimentary rocks & environments. He worked in NIOC as the Head of operation in subsurface geology department, Chief geologist of FARS, Lurestan -kurdistan, kopetDagh, Central Iran & Moghan areas and alternatively, Acted as the Supervisor of Exploration, plans & projects in Exploration, Deputy Affairs, Executive Project manager of KuhDasht Exploration & development Block (CNPC Int -NIOC buy back project), Recruited by CNPCI Ltd. Geology Supervisor of Kuhdasht Exploration & development Block, and Continued his cooperation with CNPC Int. in AZNN Oil Field.

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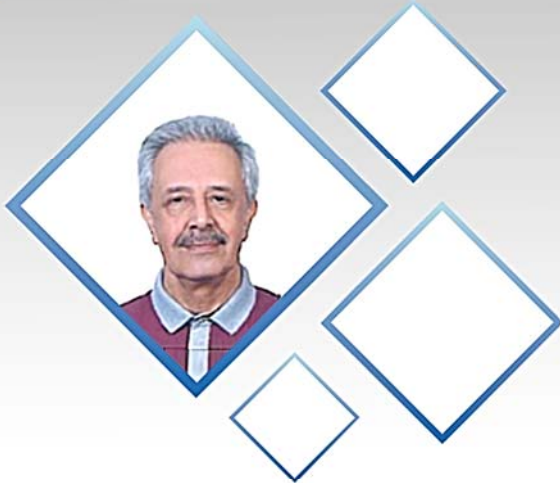
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## Management and Key Personnel



**Ahmad Vatanchi**

**Head of Geological Department**

BSc in Geology

Mr. Vatanchi has 41 years of experience as a senior geologist. He was the advisor geologist for gas storage project near Tehran (Kashan area) and Drilling and geology adviser for Phases 9 and 10 of south Pars gas field. Moreover he served as the senior geologist of Aghajari Gas Injection Project and senior geologist for Soroush oilfields studies. He was the area geologist and well site geologist in several projects of NIOC in different location of country.

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# OUR Services

## *Master Development Plan (MDP) and Field Development Plan Studies*

- Geophysical and geological studies
- Petrophysical Evaluations
- Basic reservoir Engineering (Rock & Fluid Studies)
- Geomodeling
- Reservoir Engineering (Well-testing & History of Production analysis)
- Static & dynamic reservoir simulation
- Reservoir Characterization
- Volume Calculation & reserve estimation
- Facies Modeling
- Economic Analysis

In collaboration with our partner Messrs. Folowrd Industrial projects Namvaran Pajouhesh & Tosea and Chaman engineering and Fabrication Company provide design, fabrication of surface facilities equipment and commissioning such as three phase separator, water bath heater, gas dehydration unit, desalting package and chemical injection package. Also we provide production and reservoir management and field monitoring program

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# OUR Services

## Geomechanics Services

### ***“Geomechanics means value”***

Petroleum Geomechanics is an explicit description of the state of stress, pore pressure, and mechanical properties of the subsurface materials including reservoir rocks and its overburden. The Geomechanical studies, especially constructing Geomechanical Earth Model (GEM), provides integrated and efficient conditions for assessing potential drilling risks, production optimization and reservoir characterization. Our main activities are:

- *Providing extensive geomechanical laboratory tests (at reservoir condition)*
- *Proposing the optimum and safe well trajectory for drilling*
- *Hydraulic Fracturing (or Acid Fracturing) treatment design*
- *Identifying key properties that may affect stimulation design*
- *Reservoir compaction and surface subsidence modeling*
- *Proposing the best scenarios of injection – production for reservoir*

In this case, NUP with collaboration of Follower and AzmounehFoulad have made a consortium by the name of “FAN GROUP” for Geomechanical laboratory test and simulation studies. The FAN GROUP laboratory is one of the most advanced labs with the newest instruments for measuring rock mechanic properties at simulated reservoir and environment conditions up to 150 °C and 3600 Bar.

Our Norwegian Partner, NGI (Norwegian geotechnical institute assists us in geomechanical modeling

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# OUR Services

## Procurement Supply

We are active in different fields of supplying Oil and Gas (upstream and downstream) procurement in Iran. We are able to provide all required equipment from the valuable international vendors.

We can supply the following items:

- 1. Gas and Steam Turbine Main Components*
- 2. Supply All Main Electrical Equipment & Instrumentation Systems*
- 3. BOP Electrical & Mechanical Auxiliary Equipment Such as Transformers, All Kinds of Cables, Valves, Pumps & Other Related Equipment with Different Capacities.*
- 4. Bridge Plug & Cement Retainer*
- 5. Floating Eq..Cement Plugs .Stab in Float Shoe & Collar.Cement Basket. Stage Collar.Single & Double Conventional/Top Drive Cement Head*
- 6. Mechanical & Hydraulic Set/Release Liner Hangers*
- 7. Hydraulic & Mechanical Packer Systems*
- 8. Seal Bore Packer System Permanent & Retrievable*
- 9. Production & Test Packer Retrievable*
- 10. Flow Control Equipmentsuch as Seating Nipple.Sliding & Separation Sleeve.Lock Mandre etc.*
- 11. Casing Clean up Tools*
- 12. Subsurface Safety Valves(Both Wire Line & Tubing Retrievable C/W all accessories)*
- 13. 7" Liner Hanger & Monobore Completion*

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# OUR Services

## Procurement Supply

14. Tubing Retrievable Surface Control Sub Surface Safety Valve –TRSCSSSV) C/W all accessories
  15. casing and casing shoes in different sizes
  16. Bits in different sizes
  17. Liner hanger and downhole completion systems
  18. Stabilizers and Centralizers
  19. High tensile stainless steel wire, rigging items like bigger sizes of Steel wire rope, Slings
  20. Process equipment skid mounted (Manifold).
  21. Pumps with Electric motor or Engine driven on a skid with normal or Flameproof/Explosion proof enclosures
  22. Explosion/Flameproof proof panels, equipment from bulb holder to telephone
  23. Stainless steel hoses in different sizes
- Different types of valves, flanges and etc...



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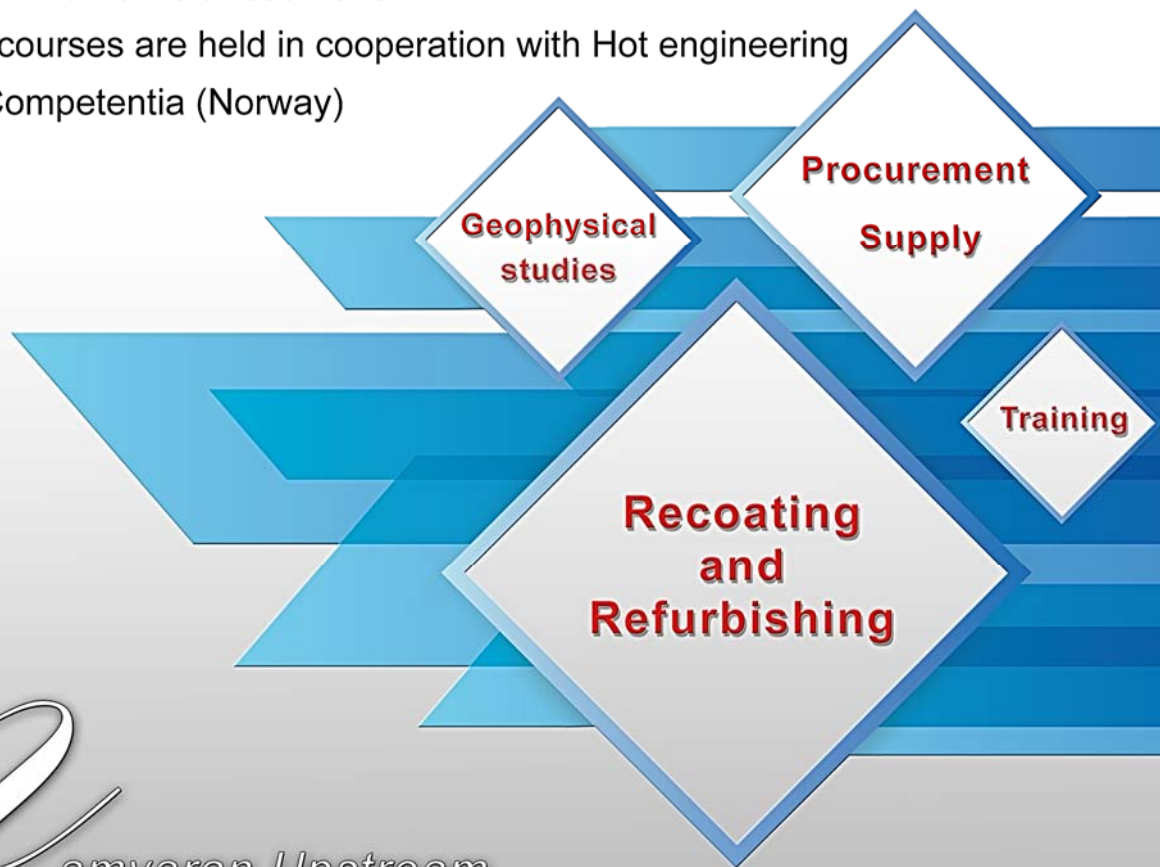
# OUR Services

## Training

NUP Co. Team provides a wide range of training and technical services for industrial organizations in upstream industry. In this direction, we have access to the newest technology and simulators as well as expert professors. NUP provides general and technical training from basic to advanced industrial requirements.

Our training approach is based on overlapping the concepts and technical experiences in Iran oilfield reservoirs.

Our training courses are held in cooperation with Hot engineering (Austria) & Competentia (Norway)



  
amvaran Upstream

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# Our Experience

## *Geomechanic Testing:*

- Geo mechanical Testing in SPD 21(98% completed)
- Geomechanical Testing in Salman wells (Completed)
- Geomechanical Testing in well Number 31 Soroosh Oil field (90% Completed)
- Ultrasonic testing for samples of Yaran oil field (100% Completed)
- Geomechanical Testing of Mansouri wells (in progress)
- Geomechanical Testing in well Number 33 Soroosh Oil field (in progress)

## *Master Development Plan Studies:*

NUP Management team was involved in different MDP and MC projects during 2003-2009

- MDP of Naftshahr
- MDP to develop Homa gas filed
- MDP to develop Shanul gas field
- MDP to develop Varavi gas filed
- MDP to develop Cheshmeh Khosh Oil filed
- Updating of Kangan gas field
- MC of Natural Gas Storage plan in Yort-e- Sha

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# Our Experience

## Training Course:

Course Title	Course Code	Duration (Days)	Date	Instructor
Drilling Project and Risk Management	DNU-01	5days	April and May 2017	AlisterOag
Applied Petroleum Geomechanic-Fundamental and intermediate	GNU-01,02	5days	April and May 2017	Kennet Russel
Applied Petroleum Geomechanic-Advance	GNU-03	5days	April-May and Jun 2017	Kennet Russel
Applied geomechanic for drillers	GNU-04	5days	April and May 2017	Kennet Russel
Reservoir Engineering water Encroachment (water flooding)-Basic	RNU-01	5days	April and May 2017	Dr.Poston and Dr.ApreaBigott
Principle and application of reservoir engineering-Basic	RNU-02	10days	April and May 2017	Dr.Poston and Dr.ApreaBigott
Applied Reservoir Engineering Workshop (Advance)	RNU-03	5days	April and May 2017	Dr.Poston and Dr.ApreaBigott
Rock typing	RNU-04	5days	April,May-Jun 2017	Will be announced later
Fluid Analysis-basic	RNU-05	5days	April,May-Jun 2017	Will be announced later
Fluid Analysis-Advance	RNU-06	5days	April,May-Jun 2017	Will be announced later
Well control	WCF-01	Will be announced	April, May and June 2017	IWCF instructor
Your requested course	-		Any-time	International Instructor

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## Our Partners

- GOGEO (France)
- Competentia (Norway)
- Curtin University(Australia)
- Opes International(Australia)
- Tatneft(Russia)
- Golden Gamp (Malaysia)
- River Petro.(China)
- Chaman Engineering and Fabrication Co.(IRAN)
- Petro Azma (IRAN)
- Namvaran High-tech(IRAN)
- Namvaran Pajooresh & Tosea (IRAN)
- Falowrd Industrial plans (IRAN)
- Azmooneh Foolad(IRAN)
- Norwegian Geotechnical institute, NGI (Norway)
- Namvaran Pajooresh & Tosea (IRAN)
- Falowrd Industrial plans (IRAN)
- Azmooneh Foolad(IRAN)
- Keyson oil and gas (IRAN)

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