



# Dr. Elvin Ahmadov

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**Date and place of birth: 06/04/1984, Siyazan city**

**Nationality: Azerbaijani**

**Marital status: Married**

**Military situation: Military Service**

## Professional Summary

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- 18 years professional experience in multiple fields

## Experience

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- **Head of Department** – Petroleum Engineering (part time) *03.2026-now*  
Khazar University – Baku, Azerbaijan
- **Head of Department** - Field appraisal and reserves management *05.2025-now*  
SOCAR Head office – Baku, Azerbaijan
- **Deputy head of Department** - Field appraisal and reserves management *05.2022-05.2025*  
SOCAR Head office – Baku, Azerbaijan
- **Head of Department** - Modeling and Production Forecasting *04.2021-05.2022*  
SOCAR, "Azneft" PU – Baku, Azerbaijan
- **Head of Department** - Oil and Gas Fields Development *04.2020-03.2021*  
SOCAR, "Azneft" PU – Baku, Azerbaijan
- **Senior geologist** – Oil and Gas Fields Development department *02.2015-04.2020*  
SOCAR Head office – Baku, Azerbaijan
- **Head of Department** - Development and geology department *06.2013-02.2015*  
"SOCAR-Umid" LLC – Baku, Azerbaijan
- **Geologist** - " 28 May " OGPO, offshore *08.2009-05.2013*  
SOCAR, "Azneft" PU – Baku, Azerbaijan
- **Operator and Geologist** - " Siyazanoil " OGPO *07.2008-08.2009*  
SOCAR, "Azneft" PU – Siyazan, Azerbaijan

- **Locksmith** - Sabail gas exploitation office  
Azerigas LLC – Baku, Azerbaijan 02.2007-09.2007
- **Lead Engineer** – “Azer Construction Service”  
Baku, Azerbaijan 07.2005-01.2006

## Education

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- **Academic degree: *Doctor of Philosophy (PhD) in Earth Sciences, 2017***
- **Doctorate degree: *Oil and gas scientific research project institute, Oil and gas fields geology, prospecting and exploration, 2016***
- **Master degree:**
  - The George Washington University, Project management, 2018
  - Azerbaijan State Oil Academy, Offshore oil and gas geology, 2009
- **Bachelor degree:**  
Azerbaijan State Oil Academy, Oil and gas geology

## Skills

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### Computer skills:

Microsoft Office, IRAP-RMS, IPM-Mbal, Crystall-Ball, IPM-Prosper, Golden Software Didger, Golden Software Surfer, NeuraLog, Statistica, CMG, Canvas, Elma-BPM, Math-CAD, CorelDraw, Photoshop, FrontPage, Canva

### Language skills:

- English - Good
- Russian - Good
- Turkish – Fluent
- Japanese - Elementary

### Training and Certificates:

ISO:14000, Reservoir engineering (Japan-Tokyo), Sand Control (SPE), IRAP-RMS, Project Management, Planning and cost control, Risk management, Management and communication, Quality for project managers, Project management mechanisms, Preparation for the project management specialist exam, Business process management (Ireland-Galway), Conflict Management and negotiation (Ireland-Galway), Methods of Enhance Oil Recovery (INPEX), Japanese Management System “Kaizen” (Japan-Tokyo), Change management, Distance Management, Information security, PRMS Reservoir evolution (DeGolyer & MacNaughton), Training of Trainers (TOT – FranklinCovey), Client services, Agile Management (Ireland-Galway), (Microsoft office, Russian language, Turkish language)

## Awards

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1. Azerbaijan State Oil Academy / Due to the success of the conference/ 1st degree diploma Baku, 2008
2. Russian Society of Science and Creativity / "Fundamental project of the year" / 3rd degree diploma, Kazan, 2015
3. SOCAR/ For special services in the development of the oil and gas industry of the republic/ Decree of Honor, Baku 2016
4. Russian Society of Science and Creativity / For success in "Discovery-2020" grant project/ 2nd degree diploma, Kazan, 2020
5. "Society of Petroleum Geologists" Public Union / For active activity, Acknowledgment, 2022
6. EAGE, For presentation in Conference / Certifikate, Viana, 2023
7. Russian Society of Science and Creativity / For success in "Science prospective -2023" science contest / 2nd degree diploma, Kazan, 2023
8. "Society of Petroleum Geologists" Public Union / For active activity, Acknowledgment, 2023
9. Khazar University and "Society of Petroleum Geologists" Public Union/ Best Speaker, 2024
10. "Narinc Psychological Center, For sharing knowledge and skills about TOT, Acknowledgment, 2026

## Participation in projects

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1. SOCAR-İTOCHU-JOGMEC, Project Coordinator, 2017-2022  
*Responsibility: Compilation of work volume, control over implementation, organization of work and meetings, associating and coordination with government agencies on the basis of a joint work agreement with ITOCHU to increase oil recovery production at the Pirallahi oil field*
2. SOCAR-JOGMEC, Project Coordinator, 2018-2020  
*Responsibility: Carrying out joint research work in the Utalgi exploration block and planning work in the perspective study project, organization of meetings, coordination, negotiations with other external organizations, control over the implementation of work*
3. Roadmap - strategy for oil and gas production, member of the working group, 2018-2020  
*Responsibility: Organization of control over the development and implementation of plans (strategies) for the effective development of oil fields and the involvement of new fields in development*
4. SOCAR- Azerbaijan State Oil Academy, Project coordinator and head of the working group, 2019-2022  
*Responsibility: Monitoring the implementation of the grant project provided by SOCAR, development of a work plan, organization of work, coordination, expertise and evaluation of work*
5. SOCAR-DeGolyer, Joint Research, Project Manager, 2020-2022  
*Responsibility: Control over modeling of fields, verification the implementation of proposals to increase production, checkout the preparation of proposals for geological and technical tests in wells*

6. SOCAR, Improvement of the process of design and approval of field development projects, project manager, 2022-2023  
*Responsibility: To regulate the activity of the group for the improvement of the design and approval process of the field development project, to carry out and manage the division of work, to organize the provision of relations between the groups for the purpose of operativeness, to analyze the results and to manage the work.*
7. /Heroes of Change/ project in SOCAR, success story (representative), 2023-2024  
*Responsibility: organizing and promoting the presentation of successful projects in SOCAR and its organizations.*
8. SOCAR, Improvement of the hydrocarbon reserves evolution and confirmation process, project coordinator, 2023-2024  
*Responsibility: To regulate the activity of the group for the improvement of the process of calculation and confirmation of hydrocarbon reserves, carrying out division of work, organizing the provision of relations between groups for the purpose of operativeness, analysis of results and control of work.*
9. SOCAR-Khazar University, project manager, 2022-2025  
*Responsibility: Joint implementation of teaching, scientific-practical research, seminar and other programs and educational support.*
10. SOCAR's projects of exploration and joint development of fields with Turkish and other countries, member of the working group, since 2023  
*Responsibility: To carry out research work and prepare initial geological and technical proposals in the working group organized for the purpose of evaluating the search and exploration of promising areas located in the territory of Azerbaijan and other countries and the joint development of oil and gas fields.*
11. SOCAR, the calculation of hydrocarbon resources, discussion and approval process, Project Coordinator, since 2024  
*Responsibility: Regulating the activities of the Group to improve the process of calculating, discussion and approval of hydrocarbon resources, organization of job distribution, organization of relations between groups, analysis and control of the work.*
12. Management of the field evaluation appraisal, project manager, since 2024  
*Responsibility: Leading a working group organized to evaluate fields located in Azerbaijan and other countries and preparing proposals for SOCAR.*

## **Social activity**

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1. Azerbaijan Society of Petroleum Geologists, Deputy Chairman, since 01.2022
2. SOCAR's Central Commission for the Development of Oil and Gas Fields, secretary, 2022-2024
3. Intergovernmental Scholarship Program Commission of the Ministry of Science and Education, member, since 2021
4. Alison International Training Center, member, since 2018

5. SOCAR Head Office, Trade Union Committee Inspection Commission, Chairman, since 2024
6. Member of the Evaluation Commission of the SOCAR Science Foundation, 2025

## **General activity**

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1. Director of "Education and Training Services" LLC, since 2023
2. Board member of directors of "SOCAR-FUGRO" LLC, since 2024

## **Scientific and pedagogical activity**

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1. Master's and Doctoral Training Program at Khazar University, Supervisor, Since 2021
2. 2nd higher education program at Baku Higher Oil School, teacher, 2021-2024
3. Master's training at the Azerbaijan State Oil and Industry University, Supervisor, 2022-2024
4. Internal trainer in SOCAR, Since 2023
5. Mentor of "Education and Training Services" LLC, since 2024
6. Chairman of Commission for Attestation at Baku Higher Oil School, Since 2024

## **Academic works**

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1. Books and monographs: 8
2. Scientific articles: 63
3. Conference materials (theses): 54

### **Scientific articles and conference materials:**

1. Study of water injection efficiency through modern geological-mathematical models in Guneshly field. Journal of Environmental Science and Engineering B, Volume 2, № 10, New York-2013, pp. 574-577.
2. Estimating of oil reserves by modern methods and assessment of geological risks. Materials of International scientific conference "Scientific research of the SCO countries: synergy and integration", Beijing, 2019, p. 155-160.
3. Methods of minimization of uncertainties and geological risks based on Umid gas condensate field. Georesursy, № 1, 2019, s. 92-98.
4. Studying the influence of estimation parameters on oil reserves by taking into account geological risks. Third International conference on geology of the Caspian Sea and adjacent areas, Baku, 2019, p. 1-6.
5. Assessment of drilling operation, and efficiency of multilateral wells (based on the West Absheron field) // Khazar Journal of Science and Technology, №1, 2022, p. 78-84
6. Ways of efficient use of residual resources of QD2 object in the III tectonic block of the Neft Dashlari field // Khazar Journal of Science and Technology, №1, 2022, p. 85-91
7. Comparative analysis of effectiveness in the implementation of natural drive and artificial lift methods for hydrocarbon production // Khazar Journal of Science and Technology, №1, 2022, p. 106-121
8. Investigation of the dependence between the uncertainties of the volume of hydrocarbon reserves of productive series in the South Caspian Basin with geological and technical criteria // SOCAR Proceedings Special Issue, 2023, № 1, p. 1-4.
9. Aquifer basin activity model based on South Caspian Basin // The proceedings of 84th EAGE Annual Conference and Exhibition, Vienna, 2023, p. 1-5.
10. Appraisal of oil reserves by using geological-mathematical models. VI international conference of young scientists & students "Multidisciplinary approach to solving problems of geology and geophysics", Baku, 2015.

11. Minimization uncertainties and geological risks. I International school-seminar of young scientists and students "Oil and gas geocology", Baku, 2018.
12. Management of annual pressure of the wells and providing the regularity of production. Materials of VIII International scientific conference of young scientists & students "Innovations in geology and geophysics", Baku, 2021.
13. Assessment of drilling operation, and efficiency of multilateral wells (based on the West Absheron field) / Materials of the XXVI International Scientific Symposium: "Shusha: Triumph of Victory", Eskisheher, 2022.
14. Consistent principles for carrying out exploration works and ways to reduce geological risks. Hagia Sophia international conference on multidisciplinary scientific studies, İstanbul, 2022.
15. The classification model of complication index of structures in south caspian basin. Hagia Sophia international conference on multidisciplinary scientific studies, İstanbul, 2022.
16. 3D seismic interpretation of Mars field offshore Dahomey basin Nigeria. The proceedings of XII Azerbaijan International Geophysics Conference, Baku, 2023.
17. Injection evaluation and increase of water flooding efficiency in shallow water Gunashli field. Azerbaijan Geologist, 2023, № 26, s. 92-102.
18. Aquifer activity model in hydrocarbon fields (South Caspian Basin as a case study). ANAS Transactions, Earth Sciences, 2023, № 2, pp. 26-35.
19. Mitigation of geological risk in the estimation of hydrocarbon reserves and resources of Productive Series in the South Caspian Basin / Materials of International Applied Statistics Congress, İstanbul, 2024.
20. Reservoir complexity and evaluation of impact on hydrocarbon reserves uncertainty // Proceedings of International Geological Conference "Mangystau oil and gas future", Aktau, 2024, p. 84-91.
21. Improvement of reserves estimation, approval processes and reserves management / International Yildirim Bayezid scientific research and innovation Symposium, Bursa, 2025, p. 213-215.
22. Theoretical and practical basis of the methodology for calculating the probability of success of field appraisal projects / Ankara International Congress on Scientific Research-XII, Ankara, 2025