



Dr. Ahmad Abdullah Ramadhan



Personal Information

Name: Ahmad A. Ramadhan

Date of Birth: 19/Nov./1961

Address: Al-Khadraa District No. 641, street No. 22, Home No. 1/1

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ADMINISTRATIVE POSITIONS

- 1- Rapporteur of the Department 2012-2014
- 2- Assistant dean for scientific affairs and postgraduate studies 2014-2016
- 3- Head of the Petroleum Engineering Branch 2017-2018
- 4- Head of the Petroleum Research Unit 2018-2020

Work Experience

Iraqi Ministry of Higher Education and Scientific Research

University of Technology

Petroleum Technology Dept.

Title: Assistant Professor

From: 2012 **To:** Now.

Experiences and Skills

Geologic studies

Petroleum Geology

Geostatistical Modeling.

Hydrogeologic studies

Environmental and Climate change studies

Isotopes in Hydrology studies

Education

Degree 1 | B.Sc. |

Institution: Geology Dept./College Science/University of Baghdad

Degree: B.SC. in Geology

From: 1980 **To:** 1985

Major: Geology

Description: Hydrogeology

DEGREE 2 | Ms.C. |

Institution: Geology Dept./College of Science/University of Baghdad

Degree: M.SC. in Geology/Hydrogeology

From: 1994 **To:** 1997

Major: Hydrogeology

Description: Groundwater

Thesis title: Optimal exploration of groundwater in Fatha-Samarra Basin.

Degree 3 | Ph. D. |

Institution: Geology Dept./College of Science/University of Baghdad

Degree: Ph. D in Geology/Hydrogeology

From: 2000 **To:** 2004

Major: Hydrogeology

Description: Groundwater (Hydrogeology)

Thesis title: Selection of best techniques to evaluate groundwater recharge /A Case Study on Dibdiba Aquifer in Area of Karballa-Najaf.

Teaching

1-Undergraduate

Physics: 2011 to 2013

Geophysics: 2012 to 2020

General geology: 2013-2014

Structural geology: 2013-2014, 2014-2015

Petroleum geology: 2013 to 2020

Probability and Statistics 2016/2017

2-Graduate

Pollution and environmental protection: 2012-2013

Geostatistics: 2014-2015, 2015-2016, 2016-2017, 2017-2018.

Supervises of Undergraduate Project

1-Study of reservoir properties of Mishrif Formation in Nasiriya oil field, 2013-2014

2-Study of petrophysical properties of nasiriyah oil field of mishrif formation in south of iraq by using log analysis, 2014-2015

3-Study of porosity and permeability using Geo-spect instrument for rock sample of Iraqi petroleum wells, 2014-2015

4-Geostatistical analysis model of Buzurgan oil field / Mishrif formation, 2014-2015

5-Well logging result interpretation for Al-Zubair reservoir. 2015-2016

- 6-Spatial distribution of porosity and permeability for Mashrif formation / Nasriah oil field. 2015-2016
- 7-Petrophysical properties for Yamama formation/Nasriah oil field. 2015-2016
- 8-Reservoir properties for Nahr-Umr formation. 2015-2016
- 9-Petrophysical properties of Mishrif reservoir in Bazurkan oil field. 2016-2017
- 10-well log results interpretation of Mishrif formation in Nasriya oil field, 2016-2017.
- 11-3D geostatistical model approach of Zubair reservoir in Luhais oil field. 2016-2017.
- 12-Evaluation of Petrophysical properties using deferent techniques. 2017-2018.
- 13-Using deferent methods to predicts permeability in carbonate reservoir. 2017-2018.
- 14-Determination of Average porosity and water saturation from log data for hydrocarbon reservoir. 3017-2018.
- 15-Evaluation of porosity and permeability in Halfaya oil field. 2017-2018.
- 16-Study of petrophysical properties of Halfaya oil field. 2018-2019.
- 17-Geostatistical model of Mushrif reservoir in Nasriya oil field. 2018-2019.
- 18-Studying of the effect of salinity concentration, temperature and PH on contact angles. 2018-2019.
- 19- Analyzing contact angle of different fluids of reservoir by using SEM. 2019-2020.
- 20- The effect of different salinity composition on oil recovery through contact angle. 2019-2020.

Supervises of Graduate thesis (Ms.C.)

- 1-Geostatistical Study of petrophysical properties distribution of Mishrif formation in Nasriya oil field.
Student name: Amer Talib Hameed
- 2-Development study of low permeable reservoir/Saadi reservoir in Halfaya oil field.
Student name: Amer Kadhim.
- 3-Log interpretation and evaluation of tertiary reservoir/Ajeel field.
Student name: Rehab Abbas.
- 4-Modified geological model and geological map for Khabaz oil field/Tertiary reservoir
Student name: Yousif Najeeb.
- 5-geological and reservoir study of shuaiba reservoir in khabbaz field.
Student name: Sara Salih.

Publications

- 1- **Ahmad A Ramadhan**, 1992, [Groundwater movement and hydraulic parameters of Al-Fatha-Sammarah basin](#), preceding of 10th Geological conference, 28-31 Dec.
- 2-Hassan, S.S., and **Ahmad A Ramadhan**, 1992, [Groundwater Quality of Al-Fatha-Sammarah basin](#), preceding of 10th Geological conference, 28-31 Dec.
- 3-Fahad, A. A., **Ahmad A Ramadhan**, et al., 1992, [Distribution parameters of Radioactive nuclides in groundwater for Nuclear power plant](#), preceding of 10th Geological conference, 28-31 Dec.
- 4-Fahad, A. A., **Ahmad A Ramadhan**, et al., 1992, [Radioactive nuclide Dispersion in groundwater for Nuclear power plant](#), preceding of 10th Geological conference, 28-31 Dec.
- 5-**Ahmad A Ramadhan**, 2002, [Water Balance for Tikrit Basin](#), Preceding of 3rd conference of Water Resources Society.

- 6-Ahmad A Ramadhan, 2002, Hydrogeological system of Al-Fatha Basin, Preceding of 3rd conference of Water Resources Society.
- 7-Al-Kubaisy, R., Ahmad A Ramadhan, 2002, Heavy metal content in groundwater of Al-Muhammady Vally, Preceding of 3rd conference of Water Resources Society.
- 8-Humaady, A. H., Dr. Ahmad A Ramadhan, et. Al, 2005, Evaluation of primary treatment for bacterial content in Al-Rustimiya station, Al-Mustaseriya Journal of Scientific, V. 16, No. 4, pp. 23-29.
- 9-Humaady, A. H., Dr. Ahmad A Ramadhan, et. Al, 2009, Bacterial pollution in many drainages and effect on Zooplanktons, Al-Mustaseriya Journal of Scientific, V. 20, No. 3, pp. 32-37.
- 10-Humaady, A. H., Dr. Ahmad A Ramadhan, et. Al, 2009, Study of pollution in Razaza lake for 2005, Al-Mustaseriya Journal of Scientific, V. 20, No. 6, pp. 20-24.
- 11-Nada, K.B., Jumaa, G.F., Dr. Ahmad A Ramadhan, 2011, Under groundwater assessment in Diyala Bridge area, Iraqi Journal of Civil Engineering, University on Anbar, Vol. 7, No. 1, P. 30-37
- 12-Humaady, A. H., Dr. Ahmad A Ramadhan, et. Al, 2011, Effect of waste water on Al-Madaen water supply station from bacteriological point of view, Baghdad Journal for Science, Vol. 8, No. 1, pp. 35-38.
- 13- Dr. Ahmad A Ramadhan, Ali, M.H., Al-Kubaisy, R.F., 2013, Evaluation of groundwater recharge in arid and semiarid regions (case study of Dibdiba formation in Karballa-Najaf plateau), Iraqi Journal of Science, Vol. 54, No. 4, pp. 902-910.
- 14- Dr. Ahmad A Ramadhan, Kamal B. Nada, Tariq A. Hussien, 2016, Evaluation of Tigris-Tharthar channel and groundwater on the quality of Tigris river water at meeting point, Iraqi Journal of Science, Vol. 57, No. 2B, pp.1238-1245.
- 15-Ramadhan, A.A., Kamal B. Nada, Ban A. Jassim, 2016, Variation of residual chlorine concentration in some regions of Al_Rassafa, Iraqi Journal of Science, Vol. 57, No. 2C, pp.1444-1436.
- 16- Dr. Ahmad A Ramadhan, Tariq A. Hussien, Kamal B. Nada, 2017, Using statistical analysis approach to evaluate the groundwater quality in Jisser Diyala area, Al-Nahrain University Journal for Science, Vol. 20, No. 1, P. 7-16.
- 17- Dr. Ahmad A Ramadhan, 2017, Chemical and isotopic content and LMWL of rainwater in Baghdad/Iraq, Diyala Journal for Pure Science, Vol. 13, No. 3, P. 38-55.
- 18-Ameer T. Hameed, Dr, Ahmad A. Ramadhan, AbdulAali A. Aldabaj, 2017, Spatial data analysis for geostatistical modeling of petrophysical properties for Mishrif formation, Nsiriyia oil field, Iraqi Journal of Chemical and Petroleum Engineering, Vol. 18, No. 3 in 3, P. 1-12.
- 19-Hussein I.Z. Al-Sudani, Dr. Ahmad A. Ramadhan, Batool M. Ali M. Saeed, 2017, Meteorological Water Balance of Khan Al-Baghdadi and surrounding area within Anbar Governorate – West of Iraq, Journal of University of Anbar for pure science, Vol. 11, No. 3, pp. 110-115.
- 20-Hussein IZ Al-Sudani, Dr. Ahmad A Ramadhan, Batool M Ali M Saeed, 2018, Groundwater System of Khanaqin Basin in Diyala Governorate–East of Iraq, Tikrit Journal of Pure Science, Vol. 23, No. 6, pp.111-121.
- 21-Ameer T. Hameed, Dr, Ahmad A. Ramadhan, AbdulAali A. Aldabaj, 2019, Identifying hydrocarbon and shaly zones of Mishrif Formation in Nasiriyia Oil Field by using

- well logs, IOP Conference Series: Materials Science and Engineering, IOP Publishing, Volume 579, No. 1, pp. 1-11.
- 22-**Dr. Ahmad A. Ramadhan**, Hussien I.Z. Al-Sudani, Fadhil Sarhan Kadhim, Muhammed Lutfy, Ayman Tariq, 2019, [Evaluation of Petrophysical Properties Using Imaging Techniques](#), IOP Conference Series: Materials Science and Engineering, IOP Publishing, volume 579, No.1, pp. 1-12.
- 23-Ameer Kadhum Noori, **Dr. Ahmad A. Ramadhan**, Samaher A. Lazim, 2019, [Geological Model of the Tight Reservoir \(Sadi Reservoir-Southern of Iraq\)](#), Journal of Engineering, College of Engineering, University of Baghdad, Number 6 Volume 25, pp. 30-43.
- 24-Sarah S. Zughar, **Ahmad A Ramadhan**, Ahmed K. Jaber, 2020, [Petrophysical Properties of an Iraqi Carbonate Reservoir Using Well Log Evaluation](#), Iraqi Journal of Chemical and Petroleum Engineering, College of Engineering, University of Baghdad, Vol. 21, No. 1, pp. 53-59.
- 25-Yousiof N. Abdul-Majed, **Dr. Ahmad A. Ramadhan**, Ahmed Jubair Mahmood, 2020, [Petrophysical properties and well log interpretation of Tertiary reservoir in Khabaz oil field/Northern Iraq](#), Journal of Engineering, College of Engineering, University of Baghdad, Vol. 26 No. 6 pp. 18-34.
- 26-Rihab A. Deabl, **Dr. Ahmad A. Ramadhan, Dr. AbdulAali A. Aldabaj**, 2020, [Permeability Determination of Tertiary Reservoir/Ajeel Oil Field](#), Journal of Engineering, College of Engineering, University of Baghdad, Vol. 26, No. 7, pp. 206-216.
- 27- Yousiof N. Abdul-Majed, **Dr. Ahmad A. Ramadhan**, Ahmed Jubair Mahmood, 2020, [Constructing 3D geological model for tertiary reservoir in Khabaz oil field/northern Iraq](#), Journal of research and oil studies, Research and development oil center, Ministry of oil, Baghdad, No.27- (6) 2020, pp. E54-E75.



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