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BIODATA:

Youssef Radwan is a teaching staff at the faculty of Petroleum Engineering of the Syrian Private University (SPU) and the senior editor of the [SPU website](#). He has a BSc in Geology from [Damascus University](#) (1976), a [Mag.rer.nat.](#) in [mining geology](#) from the [University of Leoben](#) (1983), and a MSc in [Remote Sensing](#) Applications in [Structural Geology](#) (1987) from [ITC](#), the Netherlands. He has worked as tasks' leader and tasks' manger at geology department of the [Atomic Energy Commission of Syria](#) (1983-2015). He shared in presenting geological and tectonic consultations to some of foreign petroleum companies working in Syria. His research is focused on tectonics & active tectonics, uranium exploration and regional geology of Syria.

EDUCATION:

- 1987 M.Sc. in Remote Sensing Applications in Structural Geology, The International Institute for Aerospace and Earth Sciences, ITC, Enschede, the Netherlands.
- 1986 Diploma, Remote Sensing And Geological Survey, The International Institute for Aerospace and Earth Sciences, ITC, Enschede, the Netherlands.
- 1983 Mag.rer.nat. of Mining Geology, University of Leoben, Leoben, Austria.
- 1980 Postgraduate Diploma in Mineral Exploration, University of Leoben, Leoben, Austria.
- 1976 Bachelor of Sciences in Applied Geology, Damascus University, Syria.

HONORS AND AWARDS:

- 2019 [Recognition of Outstanding Contribution](#) from the Syrian Private University' council and board of trustees for an outstanding scientific contribution.
- 2015 landed 184 out of 1058 in the Indexing Syrian International Researchers by National [Erasmus+](#) Office at the Syrian ministry of higher education.

EMPLOYMENT EXPERIENCE:

- 2018 to date Senior editor of the [Syrian Private University](#)'s website, and its German language page.
- 2016-2018 Requirements Unit Manager, Syrian Private University.
- 2016 Secretary of University Council, Syrian Private University.
- 2015 to date Teaching staff, Faculty of petroleum Engineering, Syrian Private University.
- 2016 to date Lecturer of German language, Syrian Private University, Damascus.
- 2005-2008 Secretary of the Board of Trustees, [Yarmouk Private University](#).
- 2000-2015 Senior geologist, Department of Geology, Syrian Atomic Energy Commission, Damascus.
- 1995-2000 Teaching staff, Faculty of Agrarian and Food Sciences, [King Faisal University](#), Hofuf, Saudi Arabia.
- 1983-1995 Exploration geologist, Department of Geology, Syrian Atomic Energy Commission.

RELEVANT PROFESSIONAL EXPERIENCE:

- 2010 Lecturer, Syrian Atomic Energy Commission Training Course, Damascus, Syria.
- 2009 Lecturer, tectonic development of Northeastern Syria, [IPR](#) Petroleum Company.
- 2009 Co-editor, Geology of Jabal Abdul Aziz, NE Syria report, [Gulf Sands](#) Petroleum Syria Limited Company.
- 2009 Lecturer and field guide, the 30th geological field camp of Damascus University, Latakia, Syria.
- 2006 Field trip guide, Ghab Pull-Apart and west Syria, [Total](#) Petroleum Company.
- 2006 Field trip guide to the geology of northeast Syria to Gulf Sands Petroleum Syria Limited Company.
- 2004 Lecturer at SAEC Training Course, Damascus, Syria.
- 2004 Field trip guide to the geology of Syria, [GeoArabia](#) GEO 2004 Conference.
- 2004 Field trip guide to the geology of northeast Syria to [IPR](#) Petroleum company.
- 2004 Field trip guide to active tectonics features in Central Syria to [HIAST](#) Workshop.
- 2001 Lecturer at Arab School for Science and technology, HIAST, Damascus, Syria.

COMMITTEE MEMBERSHIP

- 2019 Organizing committee of the "[International Workshop on the importance of scientific cooperation in the rehabilitation of the oil industry in Syria](#)", Faculty of Petroleum engineering, [Syrian Private University](#), Damascus, Syria.
- 2015-to date: Geological Terms Committee, [Arab Academy of Damascus](#).
- 2000 Organizing committee of the 1st symposium on food safety, College of Agricultural and Food Sciences, King Faisal University.
- 1996 to 2000 Collegiate exams control committee, College of Agricultural and Food Sciences, King Faisal University.
- 1992 Organizing committee of the "Regional Workshop on Archaeological Seismicity in The Mediterranean Region", AECS, Damascus, Syria.

PUBLICATIONS, TRANSLATIONS & CONTRIBUTIONS:

1. Books:

- 2014 Uranium and Phosphate in Syria, special publication, SAEC, Damascus, Syria.
- 2010 Water and waste water technology, translated book published by [King Abdulaziz City for Science and Technology](#) & [Arabic Organization for Translation](#).

2. Articles:

- 2012 Studying the seismotectonic setting of the Abiad River dams area NW Jisr Al Shughour, and clarification the activity of the fault that intersects the dam's body, Internal Report, AECS-GRSS 979, May 2012.
- 2010 Integrated Geophysical and Morphotectonic Survey of The Impact of Ghab Extensional Tectonics on the Qastoon Dam, Northwestern Syria, [Pure Appl. Geophys.](#) 167 (2010), 323-338.
- 2010 Crustal deformation in northwestern Arabia from GPS measurements in Syria: Slow slip rate along the northern Dead Sea Fault, [Geophys. J. Int.](#) (2010)180,125-135.

- 2009 Active crustal shortening in NE Syria revealed by deformed terraces of the River Euphrates, [Terra Nova](#), 2009, Vol., 21, No. 6, 427-437.
- 2009 Suggested Tectonic Model for the genetic relationship of Coastal Chain and Az Zawiyeh Structures Since Upper Cretaceous, 2nd Syrian Geological Conference, Book of Abstracts, Damascus, 26-28 October 2009.
- 2007 Active tectonics and fault interactions in the Ghab Valley pull-apart basin (Dead Sea fault system) in northwestern Syria, [AGU Fall Meeting Abstracts](#).
- 2007 Investigations of Euphrates terraces and related archaeology, NE Syria, [Bulletin for the Council for British Research in the Levant](#) , 2007, Vol. 2, pp-82-89.
- 2007 Tectonic Evolution And Hydrological Characteristics Of Khanaser Valley, Northern Syria, Derived From The Interpretation Of Vertical Electrical Soundings, [Pure and Applied Geophys.](#) 164 (2007) 2291–2311.
- 2004 Late Cenozoic and active transpression along the Dead Sea fault in northwestern Syria, [AGU Fall Meeting Abstracts](#).
- 2004 Geomorphic and Tectonic Evidences of Active Faulting along The Northern Part of The West Shaam Fault System (Dead Sea fault System), 2004, Workshop on Earthquake Hazard Assessment in Syria and Lebanon progress, Results and Future Strategies, Arab School for Science and Technology, Damascus, Syria, 7-9 September, 2004.
- 2004 Bibliographic Documentation of the Studies, Researches, Applied and Economic Surveys Performed on Phosphate Deposits in Syria During the Last Fifty Years, Internal Report, AECS - G \RSS 584, 2004.
- 2004 Geology, Tectonics and Hydrology of Juniper Reserve Area, Anti Lebanon and Qalamoon Mountain Chains, WSW Syria, A report prepared by the Atomic Energy Commission of Syria for the State Ministry for Environment, Damascus, Syria, Internal Report, AECS – G \RSS 572, 2004.
- 2003 Study of Neotectonic Features in Pliocene and Quaternary Deposits along the Syrian Coast, 2003, Internal Report Department of Geology, AECS – G \RSS 523, 2003.
- 2003 Evidences for 830 years of Seismic Quiescence from Palaeoseismology and Historical Seismicity Along the Dead Sea Fault in Syria. [Earth and Planetary Science Letters](#) 210 (2003)35-52.
- 2002 Late Holocene paleoseismic timing and slip history along the Missyaf segment of the Dead Sea fault in Syria, Workshop on Environmental Catastrophes and Recoveries in the Holocene, Brunel University Uxbridge, UK.
- 2002 Geology, Hydrology and seismicity of Jafra oil field, Internal Report, Department of Geology, AECS – G \RSS 440.
- 2002 Neotectonic Evidences in Al Majar and south Al Qastal Basins, Internal Report, Department of Geology, AECS – G \RSS 426.
- 1995 Neotectonics in the Junction Zone of The Palmyrdiean, the Syrian Lebanese Fault and the NW-Trending Faulting Belts surrounding Damascus, Internal Report Department of Geology and Nuclear Ores, AECS – G \RGFW 17.
- 1992 Neotectonic Aspects of Al Zara Area and The Surrounding, Al Rastan, Province of Hama, Internal Report, Department of Geology and Nuclear Ores, AECS – /RGFW 12.
- 1990 Geology of Dair Al Hajar Area, (in English and Arabic), Department of Geology and Nuclear Ores, Internal Report, AECS – G \RSS 25.

- 1989 A Geological and Structural Study of an Area East of Homs, Syria, 1989, internal report (in English and Arabic), Department of Geology and Nuclear Ores, AECS.
- 1989 Geological and Radioactive Study Served for Uranium Exploration in the Palaeogene-Neogene Sediments, Syrian Steppe, 1989, (in Arabic with an English abstract), Aalem Al-Zarra (the world of atom), No.9, P. 105-112.
- 1987 Structural and Metamorphic Study of Calanās-El Buitron Area, Huelva, Spain, Unpublished M.Sc. thesis, ITC, Enschede, ITC Journal 1987-4, P. 353.

CONFERENCE PAPERS:

- 2014 Uranium Exploration Activities in Syria, Country Presentation delivered at the Technical Meeting on Advances in Exploration Techniques for Uranium Deposits and Other Radioactive Element Deposits, International Atomic Energy Agency ([IAEA](#)), IAEA Headquarters, Vienna, Austria.
- 2009 International Workshop on SAR and optical data applications for natural resources and environmental management, General Organization of Remote Sensing in Syria, ([GORS](#)), Damascus, Syria.
- 2009 International Workshop on Active Tectonic Studies and Earthquake Hazard Assessment in Syria and Neighboring Countries, [National Earthquakes Center](#), Damascus, 17- 19 November, 2009.
- 2009 The 2nd Syrian Geological Conference Damascus, Syria.
- 2009 Workshop on the Palmyrides Folding Belt and its Economic Potentials, Geology Department, Damascus University, Syria.
- 2009 The 30th geologic field camp of the geologic department, faculty of science, Damascus University, Um Al Tuyour, Latakia.
- 2007 The 5th International Symposium on Eastern Mediterranean Geology, 14-17 April 2004, Thessaloniki, Greece.
- 2006 The First Syrian Geological Conference, Damascus, Syria.
- 2005 Workshop on: Sustainable Agricultural Development for Marginal Dry Areas, 11-13 Jan 2005, International Center for Agricultural Research in the Dry Areas, ([ICARDA](#)), Aleppo, Syria.
- 2004 The 8th International Conference of [Jordanian Geologists Association](#), 6-7 April 2004, Amman University, Amman, Jordan.
- 2004 Discovery of a potential source rock level within late Campanian Sawwaneh Formation in Bardeh area, southern Palmyride, Central Syria: petroleum implications, The 6th Middle East Geosciences Conference and Exhibition, Bahrain.
- 2004 Workshop on Earthquake hazard Assessment in Syria and Lebanon, Progress, Results and Future Strategies, 7-9 September 2004, Arab School for Science and Technology, Damascus, Syria.
- 2004 Morphotectonic and active tectonic features in Qalamoon Mountain Chain, Syria, as indicators for crustal shortening in northern Arabian plate, 2004, 5th International Symposium on Eastern Mediterranean Geology, Thessaloniki, Greece, 14-20 April 2004.
- 2004 Detection of an Upper Campanian Deformational Phase Fossilized by Phosphatogenesis, Qalaat Al Mahalbeh, Coastal Chain, Northwest Syria, The 8th International Conference of Jordanian Geologists Association, The 5th International Symposium on Eastern Mediterranean Geology Thessaloniki, Greece.

- 2002 Workshop on Tethysides Structures and Evolution, International Center for Theoretical Physics (ICTP), Trieste, Italy, 12 -15 Oct 2002.
- 2002 The 13th Regional Symposium on the Remote Sensing Techniques for Subsurface Resources Exploration and Management, General Organization of Remote Sensing in Syria, (GORS), 9-12 Oct 2002, Damascus, Syria.
- 2001 Symposium of: The Seismic Hazard Reduction and Disasters Mitigation in The Region of Arabian-African Rift, General Establishment for Geology and Mineral Resources, ([GEGMR](#)), Damascus, Syria.
- 2001 Workshop on Active Tectonics, High Institute for Science and Technology (HIAST), Damascus, Syria.
- 2000 The 1st Workshop on the Project: Integration of Traditional and New Techniques for the Protection and Conservation of Historical Built Heritage in Earthquake-prone Areas, Safita, Syria.
- 2000 Brief Geology of Safita area, 1st Workshop on the: Integration of traditional and new techniques for the protection and conservation of historical and cultural built heritage in earthquake-prone areas, European Commission Project: ERB IC18-CT98-038S- (GD 12 GEOR), General Directory of museums and antiquities, Safita (Syria).
- 1996 Geologic and Radioactive Study of the Basal Clastic Sediments of the Cretaceous Sedimentary Series in the Palmyrides and Anti-Lebanon Mountain Chain, Syria, 1996, The proceedings of the Third International Conference on Geology of the Arab World, Cairo, Egypt.
- 1994 Investigations of Active Tectonic along the Major Faults in Syria Using Geomorphic Techniques, 1994, the proceedings of the Second International Conference on Geology of the Arab World, Cairo, Egypt.
- 1994 Indications of neotectonics along the Syrian Lebanese Fault (Al Ghab Depression). 1994, The proceedings of the Regional Workshop on Archeoseismicity in the Mediterranean Region, Damascus, Syria.

PUBLIC LECTURES:

None.

FOREIGN LANGUAGES:

English: reading, writing, and speaking.

German: reading, writing and speaking.

1995 Sworn translator English-Arabic: certified by the Syrian Ministry of Justice.

SKILLS:

Computer skills: Good ICDL command (*Access, Excel, Word, FrontPage, Outlook, PowerPoint*).

Good command in graphic software for earth sciences (*Adobe Photoshop, Illustrator, Corel Draw*), and remote sensing interpretation, (*ERDAS & ILWIS*).

MEMBERSHIPS:

1980-to date: Syrian Geological Society

1980-1983: German Geological Society.

1980-1983: Austrian Geological Society.

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