

Résumé
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BIODATA:

Mikhail Mouty is a professor of regional geology in the faculty of Petroleum engineering at the Syrian Private University (SPU). Prior to that Mikhail Mouty was the President of the Board of Trustees at Wadi University, He was a Professor in the Department of Geology at Damascus University, Syria. He has been Head of the Geology Department with the Syrian Atomic Energy Commission, and Head of Geological Society of Syria. He has “Licence es Sciences Naturelles” from Damascus University and “Doctorat es Sciences Géologiques et Minéralogiques” from Geneva University. He delivered in geological and tectonic consultations to many foreign petroleum companies working in Syria. His research includes Mesozoic and Cenozoic stratigraphy in Syria and Middle East.

EDUCATION:

- 1964** Doctorat es Sciences Géologiques (Ph.D. Geology), Geneva University, Switzerland.
1956 BSc Natural Sciences (Zoology, Botanic, Geology), Damascus University, Syria.

AWARDS, HONORS, DISCOVERIES & CONTRIBUTIONS:

- 2001 Discovery a new species of Cretaceous Ammonites in Syria preserved in the natural history museum in Paris.
1997 Al Basel Prize for Scientific Research.
1996 Al Basel Prize for Scientific Research.
1995-1997 Discovery a number of microfossils the most important of which is a new fossil named by him (*Syriana*) preserved in the natural history museum in Paris, France.
1993 Contribution in laying out the Triassic geological map of the Middle East Basin Evolution, Peri Tethys programme, Université Pierre et Marie Curie.
1993 Contribution in laying out the Jurassic geological map of the Middle East Basin Evolution, Peri Tethys programme, Université Pierre et Marie Curie.
1993 Contribution in laying out the Cretaceous geological map of the Middle East Basin Evolution, Peri Tethys programme, Université Pierre et Marie Curie.
1980 Setting the Lithostratigraphic Subdivisions (formations) of the Mesozoic and Cenozoic rocks in Syria.
1992-1998 Discovery a Triassic rocks in the Syrian Mountain Chains.
1976 Discovery a Lower Jurassic rocks in Syria.
1971 Discovery a new species of Foraminifera in Jura Mountains named after him (*Eclusia moutyi*) preserved in the natural history museum in Geneva, Switzerland.
1966 Supreme Council of Science Prize.

EMPLOYMENT EXPERIENCE:

- 2017-to date Professor at the Syrian Private University.
2004-2006 Head of the Board of Trustees of Al Wady University.
1980-1995 Founder and head of the Geology Department, Atomic Energy Commission.
1978-2002 Head of UNIGEOCONSULT-Damascus University.
1975-1978 Head of the Geology Department, Damascus University.
1964-2002 Professor at the Geology Department, Damascus University.

RELEVANT PROFESSIONAL EXPERIENCE:

- 2009 Lecturer, tectonic development of Northeastern Syria, IPRMEL Petroleum Company.
2009 Co-editor, Geology of Jabal Abdul Aziz, NE Syria report, Gulf Sands Petroleum Syria Limited Company.
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 Field trip guide to the geology of Syria, GeoArabia GEO 2004 Conference.
2004 Field trip guide to the geology of northeast Syria to IPRMEL Petroleum company.
1967-2015 Visiting lecturer at many European and Arab universities.

Post-graduate thesis supervision

- 2010 Jury member of a Ph.D. thesis in geology, Aleppo University.
1993-2015 Supervising of M.Sc. Thesis in geology, Damascus University.
2001 Jury member of a Ph.D. thesis in geology, Nancy University.
1998 Jury member of a Ph.D. thesis in geology, Paris University.
1988 Jury member of a Ph.D. thesis in geology, Marseille University.
1987 Jury member of a Ph.D. thesis in geology, Nice University,
1987 Jury member of a Ph.D. thesis in geology, Strasbourg University.
1978 Jury member of a Ph.D. thesis in geology, Paris University.

Conducted Geological studies of some Syrian projects:

- 1979-1985 Geology of the Palmyrides Mountain Chain, (Palmyra Area).
1979-1985 Fijeh Spring tunnel (Damascus area).
1967 Abrach Dam (Safita area).
1968 Tal Daw Dam, (Homs area),

COMMITTEE MEMBERSHIP

- 2016 to date Corresponding member at the Arab Academy of Damascus.
2003 to date Head of the Geological Terms Committee, Arab Academy of Damascus.
2003 to date Member of the Biological and Agrarian Terms Committee, Arab Academy of Damascus.

1983-1995 Member of the editorial board of the Syrian Journal Aalam Al-Zarra
1980-1988 Member of the editorial board of the Geological Journal of Syria.

PUBLICATIONS, & CONTRIBUTIONS:

1- Books:

- 2007 Treasures of the Earth, a journey through Syria's geological heritage. A special Publication by Petro-Canada and Shell.
- 2005 Historical Seismicity in Syria, Annals of Geophysics
- 2004 الاستراغرافيا أو الجيولوجيا الطبقية (1)، مطبوعات جامعة دمشق
- 1998 الجيولوجيا التاريخية، مطبوعات جامعة دمشق
- 1980 مبادئ الجيولوجيا الطبقية، مطبوعات جامعة دمشق
- 1977 الخرائط الجيولوجية مطبوعات جامعة دمشق
- 1976 الاستراغرافيا أو الجيولوجيا الطبقية، مطبوعات جامعة دمشق
- 1973 الجيولوجيا، مطبوعات وزارة التربية
- 1971 المدخل إلى علم الجيولوجيا، مطبوعات جامعة دمشق
- 1970 جيولوجية سوريا ولبنان (ترجمة)
- 1968 علم المستحاثات اللافقارية، مطبوعات جامعة دمشق.

2- Publications

In Arab Periodicals:

- 2016 Jurassic deposits in well sections of Aleppo plateau(n.Syria): correlation with type formations. *Basic Sciences, Damascus Univ* Vol. 32, n1.
- 2015 Campanian age for the rudist *Vautrinia syriaca* : paleogeographic implications; Syria. *Basic Sciences, Damascus Univ* Vol. 31, n1.
- 2015 A new model for structural deformation in the Palmyride fold belt, Syria. *Basic Sciences, Damascus Univ* Vol. 31, n1.
- 2014 Cretaceous volcanism in the Syrian Coastal Chain. *Basic Sciences, Damascus Univ* Vol. 30, n2.
- 2005 معطيات جديدة حول عمر تشكيلة جيان في السلسلة التدمرية. مجلة جامعة دمشق للعلوم الأساسية. المجلد (21) – العدد الأول.
- 2002 دراسة بتروغرافية-جيوكيميائية للحسوات القاعدية وفوق القاعدية المرافقة للصخور البازلتية القلوية رباعية لحقل "شامة" البركاني؛ جنوب غرب سوريا. المجلة العلمية لجامعة الملك فيصل ، المملكة العربية السعودية ، مجلد 4.
- 1999 استخدام المعطيات الزرلزالية لتحديد صلاحية موقع المشآت النموية في سوريا. مجلة عالم الذرة، عدد 61، 71-74، هيئة الطاقة الذرية، دمشق.
- 1996 التكتونيك الحديث في السلسلة التدمرية (سوريا). هيئة الطاقة الذرية، ج/تع، مجلة عالم الذرة، عدد 161، دمشق.

- 1995 السير الإشعاعي لنطاق الباليوجين-النيوجين في السلسلة التدمرية (سوريا). مجلة عالم النزرة، عدد 39، ص. 93-97، دمشق.
- 1978 معطيات جديدة حول الجوراسي في السلسلة التدمرية (سوريا). المجلة الجيولوجية السورية، عدد 2، ص. 20-22، دمشق.
- 1988 التطور الترسسي والباليوجغرافي للمنطقة التدمرية خلال الكريتاسي (سوريا). نشرة المؤتمر الجيولوجي الأردني الثالث، ص. 213-244.
- 1986 سيلكسيت الكامبانيان في منطقة دمشق (سوريا). مجلة الجمعية الجيولوجية السورية. عدد 1، رقم 1، ص. 8-4، دمشق.

3- In International Periodicals:

- 2010 Overview of the Triassic System in Syria: Lithostratigraphic and biostratigraphic correlations with neighboring areas. *GeoArabia*.
- 2006 Key elements to clarify 110 million year hiatus in the Mesozoic of eastern Syria. *GeoArabia*.
- 2005 The historical earthquakes of Syria : an analysis of large and moderate earthquakes from 1365 B.C. to 1900 A.D. *Annals of Geophysics*, Vol. 48, N. 3, pp. 347-435.
- 2002 Le Crétacé Moyen de la Chaîne de Palmyrides. *Geodiversitas*, M. N. H. N., Paris.
- 2001 Les Ammonites du Cénomano-Turonien de la Chaîne cotière (Jibal As-Sahilyeh) de Syrie. *Geologie mediterraneene*, Tome XXVIII no 3-4, pp. 243-257.
- 2001 Les Brachiopodes du Jurassique de Syrie.. *Revue Paleobiol.*, Geneve, 20 (1): 9-17.
- 2000 The marine vertebrate faunas from the Late Cretaceous Phosphates of Syria. *Geol. Mag.* 137 (3), 2000, pp. 269-290.
- 2000 The Jurassic in Syria: An overview. Lithostratigraphic and biostratigraphic correlation with adjacent areas In: S. CRASQUIN-SOLEAU 7 E. BARRIER (eds), Peri-Tethys Memoir 5: New data on Peri-Tethyan sedimentary basins. *Mem. Mus. Natn. Hist. Nat.*.. 182 Paris ISBN : 2-85653-5.
- 1998 Le Jurassique du Mont Hermon (SW Syrie): Découverte du Trias et du Lias .*Archs. Sci. Geneve*, Vol. 51, Fasc. 3, pp. 295-304.
- 1997 Le Jurassique de la chaîne cotière (Jibal As-Sahilyeh) de Syrie: essai de biozonation par les grands foraminifères. *C.R. Acad. Sci.*, 235, 207-213, Paris.
- 1997 Levantinella nov. gen. et révision du genre Mangashtia, grands foraminifères du Jurassique et du Crétacé du Moyen Orient. *GEOBIOS*, 30, 2, 179-192, Villeurbanne, France.
- 1997 Uranium exploration using alpha sensitive plastic film technique in the Ad-Dawwa basin (Central Syria). *Guru Nanak University, Amristar*, 8, pp. 62-68.
- 1997 Le Jurassique de la chaîne des Palmyrides (Syrie centrale). *Bull. Soc. Géol. France*, t. 168, No2, pp.181-186, Paris.
- 1996 Effects of the historical earthquakes on archeological sites earthquakes along Al-Ghab Faulting Zone in Syria. *Proceeding of Historical Earthquakes in Mediterranean region. Damascus*.
- 1995 Découverte d'un nouveau grand foraminifère du Jurassique de la marge sud tethysienne: *Syriana khouryi* n.gen. n. sp., *Revue de Micropaléontologie*, Vol. 38, n 3, 217-227, Paris .
- 1994 Field archaeological evidences of seismic effects in Syria. *Review of Historical Seismicity in Europe*. Vol. 2, pp. 195-203.

- 1994 Radon Monitoring for Earthquake Prediction on Al-Ghab fault of Syria. *Nucl. Geophys.* Vol. 8, No.3, pp. 291-299.
- 1994 Lithostratigraphy of Senonian phosphorite deposits in the Palmyridean region and their general sedimentational and paleogeographic framework. *Proc. 29th Int'l. Geol. Congr. Part C*, pp. 225-232, VSP.
- 1992 Relations du front de la nappe ophiolitique du nord-ouest syrien avec son substratum de part et d'autre de la faille du Levant: Baer-Bassit, Kurd Dagh. *C.R. Acad. Sci. Paris*, t. 314, série II, pp. 1195-1202.
- 1992 The volcanic activity in Syria and Lebanon between Jurassic and Actual. *Schweiz. Mineral. Petrog. Mitt.* 72, pp. 91-105.
- 1982 Le Crétacé moyen dans le Massif Alaouite (NW Syrie). *Cahier de Micropaléontologie*, 3, pp. 55-69, C.N.R.S., Paris.
- 1976 Présence du Lias dans le Massif Alaouite (NW Syrie). *C.R.S. Soc. Géol. Fr., Paris*, Fasc. 3, pp. 104-105.
- 1966 Le Crétacé inférieur dans la partie méridionale du Massif Alaouite (NW Syrie).
- 1966 Le Néocomien dans le Jura Méridional. *Thèse No 1369, Université de Genève, Genève, Suisse.*
- 1965 Stratigraphie et stratonomie de l'Infravalanginien du Jura méridional. *Mém. B.R.G.M.* No 34, pp. 39-48, Paris.

CONFERENCE PAPERS:

- 2002 Le Trias de Syrie. Corrélations avec les pays avoisinants. *Strati-2002*, Lyon, France.
- 2002 La limite Bériasien-Valanginien sur la plate-forme jurassienne. *Strati- 2002*, Lyon, France.
- 2001 The Triassic in Syria: an overview. *7th Jordanian Conference*, Amman, Jordan.
- 2000 Le Mésozoïque de l'Anti-Liban. *CNRS du Liban*, Beirut.
- 2006 Triassic in Syria: an overview .Lithostratigraphic and biostratigraphic correlations with adjacent areas. *Proc. Conference of Middle East Geoloy*, Al Ain University, U.A.E.
- 1999 Mid- Cretaceous ammonites from the coastal chain of Syria. *V International Symposium*, Vienna, Austria.
- 1998 Le Jurassique du Mont Hermon (Anti-Libanon). *2ème Congrès Francais de Stratigraphie*, Resumés, p. 126, Paris.
- 1998 Les nodules de quartz en “Chou-Fleur” repères lithostratigraphiques du Cénomanien Syrien. *2ème Congrès Francais de Stratigraphie*, Resumés, p. 65, Paris.
- 1998 Mid Jurassic Carbonate Platform of Syria. *Reunion ISA*, Alicante, Spain.
- 1997 The general Framework of the Sedimentologic and paleogeographic Evolution of Syria during the Jurassic and Cretaceous (NW Arabian Platform). *S.E.P.M.*, International conference on Jurassic -Cretaceous Carbonate Platform-Basin System- Middle East Models. Al Ain U. A. E.
- 1996 Cretaceous volcanic activity in the Coastal Chain (Jibal As-Sahilyeh) (NWSyria). *Geol. Arab Conf.*, Cairo.
- 1992 The general sedimentological and paleogeographic framwork in Syria, from the end of Jurassic to the Turonian (Northern Arabian Platform). *29th Int'l. Geol. Congr.*, Abstr., I-3-20, p-3 1455, Japan.
- 1992 Detection of marine upper Triassic in the Palmyridean Chain (Middle Syria). *29th Int'l. Geol.*

Congr. Abstr. II-I-8, p.24 , 4421, Japan.

- 1990 Le Sénonien des Palmyrides et le rôle de sa paleogeographie dans la genèse des faciès phosphatés (Syrie Centrale). *2me Congrès national des sciences de la terre*; pp. 19, Tunis.
- 1990 Essai de comparaison des séquences sédimentaires du Crétacé de Syrie, Libye et Tunisie. *2me Congrès National des Sciences de la terre*. pp. 18, Tunisie.
- 1988 New stratigraphic and paleogeographic data about the phosphatic deposits of the Palmyrides (Mid Syria). *Regional Meeting on Cretaceous and Tertiary phosphorites*; Amma, Jordan.
- 1984 Le Jurassique dans la chaîne des Palmyrides (Syrie Centrale). *27ème Congr. Géol. Int'l.*, Abst., Vol. I, Section 01-03, p. 131, Moscow.
- 1984 Les grands traits de l'évolution sédimentologiques et paléogéographiques du bassin palmyrien pendant le Sénonien (Syrie Centrale). *27me Congr. Géol. Int'l.*, Abst., Vol. II, Sect. 4, pp. 92, Moscow.
- 1984 La limite Jurassique-Crétacé dans le massif cotier syrien (NW de la Syrie). *27me Congr. Geol. Int'l*, Abst., Vol. I, Sect. I, pp. 131, Moscow.
- 1980 Stratigraphie du Jurassique du Massif Alaouite (Syrie). *26me Congr. Géol. Int'l.*, Rés. Vol. 1, Sect. 4, pp.264-264, Paris.
- 1980 Stratigraphie du Jurassique du Massif Alaouite (Syrie). *26me Congr. Géol. Int'l.*, Rés. Vol. 1, Sect. 4, pp.264-264, Paris.
- 1973 Le "Jurassique calcaire" du Massif Alaouite (NW Syrie). *Scientific. Arab Conference.*, Cairo.

PUBLIC LECTURES:

2017 A trip in the geological history of Syria

LANGUAGES:

Arabic: Mother tongue,
French (very good)
English (reasonable)

MEMBERSHIPS:

- 1964-2015 Founding member of the Geological Society of Syria.
1964-2015 member of the Geological Society of France.
1964-2015 member of the Geological Society of.
1964-2015 member of the Swiss petroleum Geologists.
2003-2015 member of the American Association of Petroleum Geologists (AAPG).

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