

السيرة الذاتية



البيانات الشخصية:

- الاسم : أحمد كامل بلال.
- الجنسية : عربية سورية.
- تاريخ ومكان الميلاد : 1946/1/1، طرطوس.
- العنوان الحالي : مزة أوتوستراد، بناء محافظة 8، ط1.
- العنوان الدائم : جامعة دمشق - كلية العلوم، قسم الجيولوجيا.
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- اللغات التي يجيدها : الفرنسية، الإنكليزية.
- الشهادات العلمية : نيسان 1978، دكتوراه دولة من جامعة باريس.
- كانون الثاني 1976، دكتوراه اختصاص، جامعة نانسي الأولى - فرنسا.
- تشرين أول 1974، دبلوم دراسات معمقة، جامعة نانسي الأولى - فرنسا.
- حزيران 1970 ، اجازة في الجيولوجيا التطبيقية - دمشق
- السجل الوظيفي : أيلول 2016، أستاذ فخري متقاعد.
- حزيران 1988، أستاذ.
- حزيران 1983، أستاذ مساعد.
- حزيران 1978، مدرس.
- الخبرة الجامعية :
- أ. المواد التي قام بتدريسها:
- المرحلة الجامعية الأولى: الجيولوجيا البنيوية 1 ، الجيولوجية البنيوية 2. الجيولوجيا البنيوية للجيوفيزيائيين
- مرحلة الدراسات العليا: التكتونيك. البحث العلمي.
- ب- الأبحاث المنشورة:
- a) الأبحاث العلمية المنشورة في مجالات علمية محكمة.

BILAL, A., and TOURET, J. (1976)-Les inclusions fluides dans les enclaves catazonales de Bournac, Massif Centrale Français. Bull. Soc. Fr. Minera. Cristallo. 92, 2-3, 134-139.

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BILAL, A. (1992)- Lithosphere Evolution in the Northern part of Arabic plate (Syria)- Xenoliths study. Geosound, special issue, ISSN 1019-1003, 131- 140.

CHARKOV, RUKIEH, M., Al-Sharea, M., BILAL, A., DROKOVESKY, and NAVIKOV. (1997) - Ore minerals in ophiolitic rocks in Al-Bair-Bassit area- contents and perspectives. Journal of metal mines, vol.39, N°5, 430-441.

BILAL, A., and KASSEM, A. (1998) – Conditions hydrologiques de l’acquisition du chimisme des eaux souterraines d’Al Badya- Syria. Hydrogéologie, N°3, 27-33.

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BILAL, A. and SHELEH, F. (2004) – Un point chaud sous le système du rift syrien. Comptes Rendus, Académie des Sciences. Géosciences, 336,197-204.

CHOROWICZ, J., DHONT, D., AMMAR, O., RUKIEH, M., and BILAL, A. (2005)- Tectonics of the Pleocene Homs basalts (Syria) and implication for the Dead Sea fault zone activity. Jour. of the Geological Society, London. Vol.162, 259-271.

ISMAIL, M., DELPECH, G. COTTIN, J-Y, GREGOIRE, M., MOINE, B.N., and BILAL, A. (2008) – Petrological and geochemical constraints on the composition of the mantle lithosphere beneath the Syrian rift, northern part of the Arabian plate. jour. of the geological society of London. 293,223-251.

BILAL, A.-(2009) – Seismicity and volcanism in the rifted zone of western Syria. C.R. Geosciences 341, 299-305.

BILAL, A. (2011) - Mapping and analyzing the volcano-petrology and tectono-seismicity characteristics along the Syrian rift-NW the Arab plate. In : advances data, methods, models and their applications in geosciences. Dongmei Chen, Intech Edit.Chap.8,139-162.

BILAL, A. (2011) – Caractères du réseau hydrographique en Syrie- implications pour la gestion des ressources en eaux. LJEE, 19 ,16-28.

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BILAL, A. (2013)- An advanced remote sensing mapping technique aimed at a better rainfall water preservation in Syria. Jour. of Earth. Sci. and Engineering 3, 613-620.

BILAL A. (2014)- Arab metallurgy owes much to meteorites irons-special regards to Damask saber, N.S. jour.vol.6, n.2,81-87.

BILAL, A. (2016)- Sapphirine and fluid inclusions in Tel Thanoun mantle xenoliths, Syria. Journal of African Earth Sciences, 116, 105-113.

b الأبحاث العلمية المنشورة في مجلات عربية ومحلية محكمة.

BILAL, A. (1986) –Utilization of fluid inclusions in the determination of the thermodynamic conditions of peridotites rocks dislocations. Rev. of geological sciences, No 1, Damascus, Syria.

BILAL,A. (1986) –Utilization of fluid inclusions in the petrological study of igneous and metamorphic rocks. Rev. of Damascus, University No 6, Damascus, Syria.

BILAL, A. and SHELEH, F. (1988) – Petrology of ultrabasic xenoliths in the basalt of South Syria. Rev. of Damascus University, No9.

BILAL,A. (1992) – Geochemistry of fluids and their role in the petroleum exploration on the example of the Triassic formations in Syria. Rev. Oil and Industry, No 266, U.A.A.

BILAL,A. (2001) – Les enclaves du volcanisme récent du rift syrien. Bull. Soc. Geol. Fr. Tom 172, No1, 3-16. (avec J. Touret).

BILAL,A. (2001) – Diagenetic Geothermometry of Triassic petroleum formation in NE of Syria. Rev. of Damascus University, vol.17, NO1, 283-306.

BILAL,A.,SHELEH,F., et Touret,J.(2001) – Geothermobarometry of the mantel xenoliths associated to the rift Syrian. Rev. of Damascus university, vol.16, NO1, 265-281. (with F. SHELEH et J. Touret).

BILAL,A.(2013)-The structural modeling of Kourshina Dolomite formation in Mamlah Al Kom field. Journal of Damascus university, Vol. 29,n.2,pp 177-192(with R. Nasser and A. Kafa).

BILAL,A. (2014)- Lithostratigraphic and Karstic study in relation with water movement in Wadi Al Eyoun- Coastal chain. Journal of Al Furat university (with M. Said and R. Youssif)

BILAL,A. (2014)- A numeric descriptive model proposal of the karistic phenomena of Baet AlWadi cavern -Coastal Chains. Journal of Tichreen university. Vol.36. n.2, pp35-53 (with M. Said and R. Youssif).

BILAL,A. (2015)- Re-evaluation of the petroleum reliability of Al Butmah formation in Karatchuk field. Journal of Tichreen university, Vol. 37,no 3.(with A. Mansour)

BILAL,A.(2015)- Lithofacies and tectonic study of Al Butmah formation-the causes of the dry wells. Journal of Al Baath university. Vol.37. (with Ali Mansour)

BILAL,A. (2016)- On petrophysical models of the East Asharneh field. Journal of Damascus university, Vol. 38. (with M. A. Moghdeb).

BILAL,A. (2016)- The tectonic impact on the rivers terraces uplift in the South of coastal chain. Journal of Tichreen university, Vol.38, 3. pp69-88 (with F. Mohamad).

- BILAL,A. (2016)- A geological and analytical study of the landslides in Al Bassit area-North Ouest of Syria. Journal of Al Baath university. Vol. 38. n.2. pp 113-139. (with F. Mohamad).
- BILAL,A. (2016)- Evaluate the hydrocarbons potential of Mamlaht Al Kom structure in the North Palmyride chain throuth its lithostratigraphic and geochemical properties. Journal of Al Baath university, Vol. 38,n.7,pp161-180. (with R.Nasser and A. Kafa).
- BILAL,A.(2017)- On the lithological and tectonical models of the East Asharneh field. Journal of Damascus university. (with M. A. Moghdeb).
- BILAL,A. (2017)- Use of isopaque maps to determine the tectono-sedimentological evolution and the petroleum renewability of the secondary ere in Norther Palmyra. Journal of Damascus university. (with S. Badour).
- BILAL,A. (2017)- A tectono-seismic study of Northern Palmyra- Dryness justification of some wells. Journal of Al Baath university. Vol.39. n.1. pp93-120. (with S. Badour).
- BILAL,A. (2017)- Lithostratigraphic study of secondary ere in the Palmyra North-the petroleum renewability. Journal of Tichreen university, Vol.39, no.3. pp81-99 (with S. Badour).
- BILAL,A. (2017)-Tectono-seismic study of Kurachine dolomite and Kurachine anhydrite formations in Abo Rabah structure-Al Daw depression. Journal Al Baath university.Vol.39, n.20, pp117-146(with R. Nasser and A. Manssour).
- BILAL,A. (2018)-Tectono-seismic study of Kurachine dolomite in Sadad structure-Al Daw deression. Journal Al Baath university.Vol.40, n.4, pp93-113. (with R. Nasser and A. Mansour).
- BILAL,A.(2018)-Tectono-seismic study of Kurachine dolomite in Jubat structure-Al Daw depression.Journal of Damascus university. (with R. Nasser and A.Manssour).
- BILAL,A.(2018)-3D structural model of Mamlaht Al Kom structure-the North Palmyride chain.Journal Al Baath university, Vol.40,n.2, pp135-165(with R. Nasser and A. Kafa)

(C) أبحاث المؤتمرات :

1974 – Les inclusions fluides dans les enclaves granulitiques et charnockitiques de Bournac - Massif Centrale Français, 3^{ème} R.A.S.T. Montpellier.

1977– Les inclusions fluides des phénocristaux de basaltes du Massi Central Français. 5^{ème} R.A.S.T. Rennes.

1984–Structural analysis of some basaltic lava in Damascus plain hydrogeological implications. 24th scientific week, Aleppo, Syria .

1984 – Petrology of the Syrian basalt- fluid inclusions. 27th I. G. C. Mosckow, URSS.

1984 –Utilization of fluid inclusions in the phosphate exploration and associated uranium. symposium on phosphate in the Arab world, Rabat, Morocco.

1985 – Utilization of fluid inclusions in petroleum exploration. Rev. Ataqa wattanmiyah, N^o4,5,6, Damascus, Syria (in Arabic with abstract in French).

1985 – The role of fractures in the determination of petrophysical properties of reservoir rocks. Rmilan symposium, Syria and Rrev. AtaqaWattanmiyah, N^o2, (in arabic with abstract in English).

1988 – Les enclaves ultrabasiqes en Syrie. 12^{ème} R. S. T.Lille; France.

1988 – A paleothermal study of Triassic formations in Syria. Mediterranean basins conference, Nice, France.

1991– Moho depth in the northern part of the Arabian plate. Symposium on the geodynamic of Arabian lithosphere plate, Irbid, Jordan.

1992 – Microtectonic study of rocks fractures and their storage properties on the example of the Syrian Oudeh oil field. First International Conference on the geology of the Arab world, January, Cairo, Egypt.

1992 – Résultats preliminaries sur la prospection uranifère en formation phosphates –Syrie, 11^{ème}R.S.T. Toulous, France.

1992 –The evolution of lithosphere in the Northern part of Arabian plate (Syria)-xenoliths study. 29th. I. G. C. Tsukuba-Japan.

1992 –Utilization the fluid inclusions in petroleum exploration, on the example of the Kurachine Dolomite formation in Al-Andalus area-Syria. The eleventh petroleum exploration and production conference, Cairo-Egypt.

1993 – Use the fluid inclusions in mineralogy and their applications. The Fourth International school and workshop of crystallography. Aswan, Egypt.

1994 – Fluid inclusions applications in geology-examples from Syria. The second International conference on the geology of the Arab world, Cairo-Egypt.

1994 – Une pensée nouvelle sur le complexe ophiolite – sédimentaire au Nord-Ouest de la Syrie. 15^{ème} R. S. T, Nancy-France.

1994 – Remote sensing new tectonics data of the Arabian plate. IGARSS 94, Pasadena-California, U.S.A.

1996 –The nature and evolution of the Northern Arabian plate. (Syria and Jordan). 16th R.S.T. Orléans, France.

-1997 – Soil structure interaction effect during earthquakes in Syria. In: seismic isolation passive energy dissipation and active control of seismic vibration of structures. Taormina-Italy. (with MAHMOUD).

1998 –Rainfall water management using remote sensing applications on the example of South coastal chain-Syria. 4th International conference on the geology of the Arab world. Cairo, Egypt. 21-25 February.

1999 – The remote sensing: A good tool to water resources management in the Arab world. 4th Gulf water conference Manama-Bahrain, 21-25 February (In Arabic).

1999 – A recharge mapping model for soil and underground water protection using satellite imagery. 9th international conference on the environment protection. 2-6 May, Alexander, Egypt.

2001 – Nonrenewable water resources management using remote sensing techniques on the example of the South Syria. Fifth Gulf water conference. Doha-Qatar, 24-28 March. (In Arabic, with O.AMMAR).

2001 –A proposed model for localization of the small dams using the remote sensing applications. International seminar "Les petits barrages dans le monde méditerranéen". Tunisia, 28-31 Mai.

2001 – Water resources management using advanced technology, the remote sensing application-A proposed model. Workshop, Ismailia. Egypt.

2002 – Water resources management in arid and semi- arid lands using remote sensing techniques. International conference on water resources management in arid regions, 23-27 March 2002, Kuwait.

2003–Adaptation de l'imagerie satellitaire sur l' aménagement des ressources en eaux dans les pays arides et semi -arides –méthodologie perspectives. 5^{ème} international conference 23-27 Juin, Cannes, France.

2003 – A mapping model for water ressources management in the semi- arid and arid lands using satellite imagery, International conference, IGARSS 03, 21-25 July, Toulouse, France.

- 2004 – Seismic hazards map of Syria, geological, historical and Odometric data. 32nd international geological congress. August 20-28, Florence-Italy.
- 2005– Metasomatism by carbonate magma under the Arabic plate- carbonic inclusions. Meeting of European current research on fluid inclusions, 6-9 July, Ciena, Italy.
- 2005– Seismicity of Syria regarding its Arab and regional cadre. In: The seismicity risk and their management-Arab and regional state. Dar Tlas, Syria.
- 2006– Applications de la télédétection en hydrogéologie et environnement – possibilités et limites. 8^{ème} symposium international sur les eaux. Cannes, 26 – 30 Juin, France.
- 2006 – Seismicity of Syria regarding its state - A tecto-geoengineering study. The first Syrian geological conference. Damascus, 27-30 November.
- 2006– Sur l'origine du volcanisme syrien – une étude pétrogénétique. 21^{ème} R.S.T., 4 – 8 Décembre, Dijon – France. (with F.SHELEH).
- 2007-New-Tectonics of Syria. Intern. Conf. of Jordan.
- 2008– Pyroxenite xenoliths in Cenozoic alkali basalt from Djabel El Arab: Petrological characteristics of the Moho discontinuity beneath the Syrian rift. Geologic African Conference, Tunisia. (with others).
- 2009–Focus on the seismicity of Syria by petrological data. The second Syrian conference. Damascus-Syria.
- 2010–Evolution of the hydrographic network re with climat.12eme water symposium. Cannes-France.
- 2010–Seismicity and volcanism in the rifted zone of Syria.32 Intern. confer. Montpellier, France.

(d) الأبحاث المعرفية المنشورة في مجلات محكمة:

- 1985 – On the Arab role in Ancient Civilization. Rev. Al - Marifa, N° 234, Syria.
- 1990 – The open Arab Universities - National implications. Rev. AL-Wahda, N°72, Morocco.
- 1990 – The basic sciences and remote sensing. Rev. of remote sensing, N°5, Damascus, Syria.
- 1991 – The Arab scientific research - Actual state and future horizons. Rev. of Arab affairs, N°65, Arab League, Tunisia.
- 1996 – On the Arabism problems. Arabian Jour., N°228.
- 1996 – Indicative review on the mineral and metal signification. Rev. of Damascus University, 12, N°2.
- 1998 – On the fundamental condition to write a scientific article. Rev. of Damascus University, Vol. 13, N°2, 165-170.
- 2000 – Scientific reviewing and its role in the scientific research- problematic and transparence. Rev. of Damascus University, vol.16, N°1, 153-161.

(e) الأبحاث المعرفية المنشورة في مؤتمرات علمية:

- 1983 – The role of ancient Arabs in the industry and exploitation of metals and gems and their effect on the ancient and modern civilization. Djadeh symposium, Saudi Arabia, and Rev. of Arab organization of mineral resources, N° 3 (1984), Rabat, Morocco.
- 1990 – The difficulties and facilities in the writing of scientific research. Banghazi symposium, Libya.
- 1991– Why scientific writing in Arabic? Jour. AL-Kifah AL-Arabi magazine, n° 693, Beirut, Lebanon.
- 1993– On the methodology of the translation and Arabism during a geological dictionary: French-English-Arab. Symposium of Lexicology, Tunis.
- 1999 – An applied method to more using the scientific research in the Arab development. Conference on the scientific research and development. Tunisia.
- 2000 – Towards a scientific methodology for better exploiting the scientific production in the development. Workshop. Alger 21-23 May.
- 2000 – Scientific encouragement as an important factor for the scientific research. First international conference on the Arab scientific research. Sharjah. U.A.E. 24-26 April.
- 2002 – Arab immigrated scientists. Reality and perspective. Second intern. Conf. on the Arab Scientific research, Sharjah, U.E.A.
- 2003 –The sciences learning between the national and mother language. 12-15 Marsh, Cairo, Egypt.
- 2005 – How to active the Arab organizations role in the development- promotive strategy. Beyrouth meeting of Arab thought Foundation, September.
- 2006 – On the problematic of the Arab Migrated brains and their role in in the development strategies. Fourth Conference of the Arab Science and Technology foundation. April 22-25/2006 Alexandria, Egypt.

(ج) الكتب المنشورة:

(a) الكتب العلمية:

1981. الجيولوجيا البنيوية. مطبعة جامعة دمشق، طبعة ثانية 1982.
1981. الهيدروجيولوجيا التطبيقية. طبعة ثانية، دار المعرفة. طبعة ثالثة دار طلاس، 2001.
1985. ميكانيك وميكروتكتونيك الصحور. مطبعة جامعة دمشق.
1990. دليل الجيولوجيا في التخطيط الاستراتيجي. دار طلاس.
1991. التكتونيك- تشوهات مواد القشرة الأرضية. دار طلاس. طبعة ثانية. 1997.
1995. معجم الجيولوجيا باللغات الفرنسية والإنكليزية والعربية. دار طلاس.
2001. نظرا في الصحور النارية. دار طلاس.
2002. البحث العلمي العربي في استراتيجيات التطور العربي. الضرورات والآليات. دار المنارة، بيروت وسورية.
2005. المخاطر الزلزالية. الحالة العربية والإقليمية. دار المعرفة.

2006. الجيولوجيا البنيوية للجيوفيزيائيين. جامعة دمشق.
2006. الجيولوجيا البنيوية 1 للجيولوجيين. مطبعة جامعة دمشق.
2006. الجيولوجيا البنيوية 2 للجيولوجيين. مطبعة جامعة دمشق.
2010. المرجع في مبادئ الجيولوجيا البنيوية. مطبعة جامعة دمشق.
2019. حول جيولوجية سورية نظرة خاصة للحشوات المعطفية والمحتبسات السائلة (تحت الطبع ، باللغة الانكليزية) .
- (b) الكتب الفكرية والثقافية.

2004. قضايا في التكوين المعرفي . سورية مثلاً. دار الفكر.
2005. حول أزمة المعرفة العربية. دار طلاس - دمشق - سورية.
2006. وشوشات حواف لا تتصادم. دار طلاس - دمشق - سورية.
2009. فانتازيا الحقيقة. دار طلاس - دمشق - سورية.
2009. أعلام ومفاهيم. دار طلاس - دمشق - سورية.
2009. طريق العرب إلى العلم . سورية أولاً. دار طلاس - دمشق - سورية.
2010. لأنه مثير للجدل. دار طلاس - دمشق - سورية.
2012. ملامح اقتصاد المعرفة. دار طلاس - دمشق - سورية.
2013. دليل البحث العلمي. دار طلاس - دمشق - سورية.
2015. أكتب لسورية. دار طلاس - دمشق - سورية.
2019. عبارات أخرى . هويات قاتلة والدولة العربية العصرية (تحت الطبع).

(C) الكتب المترجمة.

1997. الصخور الاستحالية ومدلولها الجيوديناميكي. دار طلاس. (تأليف جاك كورنبريست).
2005. قليل من العلم للجميع. دار طلاس. (تأليف كلود أليغر).
2007. تحديات العالم. دار طلاس (تأليف كلود أليغر)

(d) الروايات.

2011. تموسق. دار طلاس - دمشق - سورية.
2012. الجاروشة. دار طلاس - دمشق - سورية.
2013. بين رفتين . نينار. دار طلاس - دمشق - سورية.
2014. عن سرطان. دار العراب - دمشق - سورية.
2015. وتلك القبلة. دار طلاس - دمشق - سورية. (ترجمت إلى الإنكليزية، دار بيرن ونويل، 2019).
2016. بوح الحكايا. دار طلاس - دمشق - سورية.
2018. رحيل. الروضة للطباعة - دمشق - سورية.
2019. هافانا. (تحت الطبع).

- 3 - المنظمات والهيئات التي يشارك فيها: نقابة المعلمين ، اتحاد الكتاب العرب ، حزب البعث العربي الاشتراكي .
- 4 - المؤتمرات العلمية التي شارك فيها: شارك في عدد كبير من المؤتمرات العلمية (حوالي 150 مؤتمراً)، في البلدان التالية، إضافة إلى سورية: مصر، المغرب، ليبيا، الجزائر، تونس، السعودية، الإمارات العربية، قطر، البحرين، لبنان، الأردن، فرنسا، إيطاليا، سويسرا، بريطانيا، بلجيكا.
- مهام البحث العلمي:
- مهمة بحث علمي أولى 1998-1999، فرنسا - ستة أشهر.
- مهمة بحث علمي ثانية 2008، فرنسا - أربعة أشهر.
- المنح العلمية:
- منحة لدراسة الدكتوراه في فرنسا، 1973 - 1978.
- منحة إلى بريطانيا (سانت أندروز)، لمدة شهر، 1976.
- العديد من المنح إلى فرنسا لمدة ثلاثة أشهر أو أكثر.
- الكثير من المنح لمدة قصيرة (أقل من ثلاثة أشهر)، إلى: فرنسا، بريطانيا، بلجيكا، إيطاليا، وسويسرا.
5. الدورات التدريبية: كثيرة إلى جانب ورشات العمل، في بلدان عديدة أهمها: فرنسا، مصر، إيطاليا، بلجيكا.
- التقارير العلمية - الدراسات:

1982 – Study of basalt of Southern Syria–thermodynamics conditions. Ministry of petroleum and mineral resources, Syria. Contra. N° 61/N 1980.

1984 – Uranium exploration in Syria using carbonic fluid inclusions. C.E.A.S. Syria (in Arabic).

1986 – Petrographic, geochemical and microtectonic studies. Ministry of irrigation, Syria.

1987 – Microtectonic study of the reservoir rocks in Oudeh and Al-Haul fields. S.P.C. Syria., Contra. 359,1986.

1988 – A paleothermal study of Triassic formation in Syria. S.P.C. Contr. 49,1987 (in Arab).

1989 – Caractères géochimiques des roches du puits de Maadan, Total co.

1989-1990-Geothermo-barometric study on the Syrian rift. G.O.R.S. Syria.

1990 – Geothermo-barometry study of associated xenoliths of the Syrian rift. GORS, Damascus - Syria.

1990 – Genesis, petrographic, geologic study and mode of occurrence of igneous rocks in Omar field, Syria. AL-Furat (shell) com.

1991 – Global paleothermal synthesis of Triassic (Kurrachine dolomite) in AL-Andalus area-Syria, repso1 Comp.

1992 – A petrological study of the contact of Djabel AL-Akraa-Ophiolite in the North-West of Syria. G.O.R.S, Contr. 37/91.

1994 – Étude géochimique et pétrologique – Implications économiques des roches basaltiques et enclaves péridotitiques associées au rift Syrien. Contrat 65/93 GORS, Damas-Syrie.

1995 – Étude géochimique et métalorgique des minéraux précieux des formations du complexe ophiolitique dans le Nord-Ouest de la Syrie. Contrat 26/94. GORS, Damas-Syrie.

1995-1997–Étude géologique, structurale, hydrologique et possibilités économiques de la partie Sud de la chaîne littorale-Syrien. GORS. Syrie.

1998 – Étude géologique, structurale, hydrologique et aspects pétroliers de la région de Kurdag, NW de la Syrie. GORS.-Syrie.

1998 – Étude lithostratigraphique et aspects pétroliers de la région de Dj. Abd EL-Aziz, N.E de la Syrie. Elf Co., Syrie.

1999 – Hydrogeological and structural study of AL-Qualamoun area. GORS. Syria.

2001 – Hydrogeological and structural study of a Palmyra area. GORS-Syria.

2002– Hydrogeological and structural study of the Northern part of Syrian coast. GORS, Syria.

الخبرات الأخرى:

(a) وظائف وخبرات:

1991: Expert - UNESCO.

1994-1996: Scientific secretary of the research fundamental sciences committee, Damascus University.

1994 - 2000: Councilor for the scientific research –Damascus University

1995 - 2002: Expert at the Arab center for the studies of arid and semi-arid regions (ACSAD). League Arab.

2002 up to 2012 (stopped during the Syrian crisis): Academic expert for project evaluation "Tempus" European Union.

(b) خبرات علمية:

Field work:

- Basaltic and igneous rocks geology and mapping.
- Tectonics mapping.
- Samples collection.
- Petroleum and ecologic pollution studies.

Research work:

- Petrology and petrography of igneous rocks.
- Mechanic and fluid of rocks.
- Tectonics and microtectonics of rocks and earthquakes.
- Petroleum domain study.
- Hydrogeological studies.
- Remote sensing applications.

Laboratory work:

- Chromatographic and spectrometric analysis methods.
- Microthermometry method.
- Cartography method.
- Imagery spatial.

- Mineral separation and mineral grain identification.
- Transmitted and reflected light microscopy.
- Imagery spatial.

Project coordinator:

1996- 2002 -Coordinator of the tectonic project: Damascus University, GORS and SPC (Syria).

1997- 1998 -Coordinator of Al Isba site 123 project. Damascus University and Al Furat (Shell) Petroleum Company.

1999 -2002 - Coordinator of scientific cooperation project between: Ecole Normal Superieure (Prof. Philippe HUCHON), and Damascus University.

1999-2002 - Coordinator of Zabadani project between: Damascus University, GORS, and ACSAD (Arab league).

1999-2003 - Coordinator of the scientific project between Damascus University, GORS and Marie and Pierre Curie University (Prof. Jean CHOROWIWIZ).

2005- 2009 - Coordinator of the scientific project between Syria (University of Damascus and Aleppo) and Jean Monnet University, St. Etienne-French, on the great Syrian rift- petrology and seismicity aspects. (Prof. Jean Yves COTTIN).

2008-2012: Coordinator of the scientific project between University of Damascus and Pierre and Marie Curie University, Paris-France (meteorites).

MEMBER SHIP PARTICIPATIONS:

- Editorial of Damascus University review.
- National commission of Earthquakes, Syria.
- French Geological Society (S.G.F.).
- French Society of Mineralogy and Crystallography.
- Editorial At-Taquah Wattanmiah, Syria.
- Editorial of the Rev. of geological sciences, Syria.
- Scientific comity of G.O.R.S, Syria.
- Advisor and jury member of many Master and Doctorate thesis.