

السيرة الذاتية لسعادة الأستاذ الدكتور/ عادل أحمد فتحي محمود
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جهة الميلاد: المنيا – جمهورية مصر العربية

المؤهلات الدراسية:

- ١ - بكالوريوس علوم (نبات) مايو ١٩٨٣م - جامعة المنيا
- ٢ - ماجستير في العلوم (نبات) ١٩٨٩/٣/٢٥ م - جامعة المنيا
- ٣ - دكتوراه في فلسفة العلوم (نبات) ١٩٩٥/ ٣ /٢٨ م - جامعة المنيا

الوظائف السابقة:

- معيد بقسم النبات بعلوم المنيا اعتبارا من ١٩٨٤/١/٩ م
- مدرس مساعد بقسم النبات بعلوم المنيا اعتبارا من ١٩٨٩/٤/٢٢ م
- مدرس بقسم النبات بعلوم المنيا اعتبارا من ٢٣ / ٤ / ١٩٩٥ م
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- أستاذ بقسم النبات بعلوم المنيا اعتبارا من ٣٠/١١/٢٠٠٥م.

الوظيفة الحالية:

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المشاريع البحثية

١. سمية وإمكانية التركيز الإحيائي لبعض المبيدات الزراعية في طحالب التربة. عادل أحمد فتحي ومحمد الفريدان. مدعم من عمادة البحث العلمي ، جامعة الملك فيصل (١٤٢٦/١٤٢٧ هـ).
٢. دراسات ليمنولوجية على بحيرة الأصفر الرطبة الأراضي، الإحساء، المملكة العربية السعودية. عادل أحمد فتحي ومحمد الفريدان. ، أشرف محمد يوسف ، عمر المنشاوي ، مدعم من عمادة البحث العلمي ، جامعة الملك فيصل (١٤٢٨/١٤٢٩ هـ).
٣. دراسات على سلالات الرايزوبيا المتوطنة المتعايشة تكافليا مع الأنواع النباتية الطبيعية في المنطقة الشرقية من المملكة العربية السعودية. عادل أحمد فتحي ومحمد الفريدان. مدعم من مدينة الملك عبد العزيز للعلوم والتقولوجيا ، (١٤٢٧/١٤٢٨ هـ).
٤. دراسة الأحياء المائية (الحيوانية والنباتية) في عين الأخدود - الإحساء - المملكة العربية السعودية. عادل أحمد و محمد القحطاني ، مدعم من عمادة البحث العلمي ، جامعة الملك فيصل (١٤٢٨/١٤٢٩ هـ).
٥. استخدام الطحالب الخضراء وحيدة الخلية كمصدر للمضادات الحيوية. عادل أحمد و محمد القحطاني ، مدعم من عمادة البحث العلمي ، جامعة الملك فيصل (١٤٣٠/١٤٣١ هـ).
٦. دراسات فسيولوجية وكيموحيوية علي استجابة السلالة المقاومة والبرية لطحلب كلوريل فولجارس لتأثير الإجهاد بالنحاس. عبد الله الزهراني ، عادل أحمد فتحي ، مجدى محفوظ يوسف. مدعم من عمادة البحث العلمي ، جامعة الملك فيصل (١٤٣٠/١٤٣٢ هـ).
٧. النهج البيولوجية لأعاده استخدام مياه الصرف في ري بعض نباتات المحاصيل الاقتصادية في منطقة الإحساء ، المملكة العربية السعودية. محمد عزوز ، عادل أحمد فتحي ، محمد الفريدان.

قائمة الأبحاث المنشورة

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1. Fathi A. A. (1989): Evaluation of some inorganic nutrients limiting the growth in river Nile using enrichment media , M.Sc. Thesis, El-Minia University, Egypt.
2. Mohammed A.A. and Fathi A.A. (1990): The condition of the Nile in the years 1968-1978. Bull.Fac.Sci.,Assiut Univ.,19(1-D), P-P. 141-164.
3. Mohammed A.A. and Fathi A.A.(1990): Nutrient enrichment experiments of Nile water. I- Laboratory evaluation of the effect of N-addition. Bull. Fac. Sci., Assiut Univ., 19 (2-D), P-P. 131-162.
4. Mohammed A.A. and Fathi A.A.(1990): Nutrient enrichments experiments of Nile water II- Laboratory evaluation of the effect of P-addition. Bull. Fac. Sci., Assiut Univ., 19 (2-D), P-P. 163-193.
5. Fathi A. A. (1995): Physiological and biochemical studies on some Nile water phytoplankton as influenced by some heavy metals and their interaction with environmental factors. Ph.D. thesis, El-- Minia University.
6. Fathi A.A. and Falkner G. (1997): Adaption to elevation of the concentration of the trace element copper during growth of *Scenedesmus bijuga* is reflected in the properties of the copper uptake system. Journal of Trace and Microprobe Techniques, 15 (3), 321 – 333.
7. Fathi A.A. and El-Shahed A.M. (1998): Response of Nile water phytoplankton to some heavy metals and their interaction with carbonate and EDTA., 5th INTERNATIONAL CONFERENCE OF

- UNION ARAB BIOLOGIST, Ismalia, 8-11 Nov. 1998, EGYPT, J.Union Arab Biol., Cairo, 6 (B), Botany, 1-12.
8. Flower R., Ramdani, M., Kraiem M., Fathi A. A., Delilah H.A., Al-Khudhairy A., Birks H.H., Patrick S. and Stevenson A.C. (1998): Recent Environmental Change in North African Wetland lakes: The CASSARINA project and the application of remote sensing for Ecosystem monitoring., International Symposium, SATELLITE-BASED OBSERVATION: A TOOL FOR THE STUDY OF THE MEDITERRANEAN BASIN. Tunis, 123- 127 November 1998.
 9. M. Ramdani, R. Flower, N. Elkhiaati, H. Birks, A.A. Fathi, H. Abdelzahir, M.M. Kraiem (1999). Zooplankton diversity in North African ‘*Cassarina*’ lakes : a preliminary account “First International Conference on Biodiversity and Renewable Natural Resources Preservation” Ifrane, Morocco, 13-14 May 1999.
 10. Fathi A. A. and Fatma. El-Zahraa T. Zaki (1999): Effects of wastewater disposal into the river Nile on the water quality and phytoplankton communities, at El-Minia , Egypt, V. 12 (2): 99-110.
 11. Fathi, A.A., and Ramdani M. (1999): Effects of wastewater and agriculture drainage disposal in Moulay Bouselham lagoon (Morocco) and Manzala Lake (Egypt) on the water quality, Phytoplankton, and Zooplankton productivity.. 3èmes Journées des Sciences de la Mer, Nouadhibou, (Mauritania) : 2-4 December 1999
 12. Fathi A.A. (1999). Phosphate uptake mechanism by a mixed phytoplankton from the River Nile and by the eukaryotic green alga *Scenedesmus bijuga* in culture. 6 th INTERNATIONAL CONFERENCE OF UNION ARAB BIOLOGIST, Cairo, 8-11 Nov. 1999, EGYPT.
 13. Fathi A.A., Zaki F.T. and Fathy A.A. (2000). Bioaccumulation of some heavy metals and their influence on the metabolism of

- Scenedesmus bijuga* and *Anabaena spiroides*. Egypt J. Biotechnol. 7: 293-307.
14. Zaki F. T. and Fathi A.A (2000). Inhibitory effects of Tannic and Gallic acids and related compounds on Biological activities of the Cyanobacterium *Anabaena oryzae*. Egypt J. Biotechnol. 7: 307-315.
 15. Fathi A.A. and A. El-Shahed (2000). Response of tolerant and wild strains of *Scenedesmus bijuga* to copper., accepted in *Biologia plantarum.*, 43 (1): 99-103.
 16. Fathi A.A. and Kobbia I. A. (2000); Hydrobiological investigation of Abou-Median lake, El-Minia, EGYPT. Bull. Fac. Sci., Assiut Univ. 29 (1-D), 77-91.
 17. Fathy A. and Fathi A.A. (2000): Effect of filamentous green alga *Cladophora glomerata* (L.) Kutz on submerged macrophyte growth: a laboratory experiment. Bull. Fac. Sci., Assiut Univ., 29 (1-D), 93-100.
 18. El-Shahed A. M. and Fathi A. A. (2000): Diatom assemblages associating *Cladophora glomerata* (L.) Kutz. In Egyptian fluvial environments. Bull. Fac. Sci., Assiut Univ., 29 (1-D), 357-366.
 19. Fathi A. A., Abdelzahar H.M.A. and El-naghy, M. A. (2000): Limnological studies on Edku Lake, Egypt. El-Minia Science Bulletin 13 (1), 44-60.
 20. Fathi A.A. (2001): Responses and Dynamics of Nile water Phytoplankton Succession to Industrial Effluents at El-Minia, Egypt. Proceedings of Second International conferences of Life and Environment, 3-5 April Alexandria, Egypt.
 21. Ramdani, M., Flower, R. J. El Khiati, N., Kraiem, M. M., Fathi, A. A., Birks, H. H., Patrick, S. T. 2001. North African wetland : Characterization of nine sites included in the CASSARINA Project. *Aquatic Ecology*, 35, No.3-4, 281-302.

22. Fathi A. A., H. M. Abd El-Samad and A. M. A. El-Shahed (2000): Interactive effect of NaCl and Cd or Hg on the growth criteria and pigmentation of Nile Water phytoplankton at El-Minia, Egypt. *Egypt. J. Bot.*, 40 (1), 1-23.
23. Fathi, A. A., Abdelzaher, H., Flower, R. J., Ramdani, M., Kraiem, M. 2001. Phytoplankton communities in North African wetland lakes: the CASSARINA Project. *Aquatic Ecology* 35, (3-4) 303-318
24. Ramdani, M., El Khiati, N., Flower, R. J., H.H. Birks, Kraiem, M., Fathi, A. A., S.T. Patrick, . 2001. Open water zooplankton communities in North African wetland lakes: the CASSARINA Project. *Aquatic Ecology* , 35(3-4):319- 333.
25. Kraiem, M. M., Ben Hamza, C., Ramdani, M., Fathi, A. A., Abdelzaher, H. & Flower, R. J. 2001. Some observation on the age and growth of the thin-lipped Grey Mullet, *Liza ramada* (Pisces, Mugilidae) in three North African wetland lakes: Merja Zerga (Morocco), Garaet El Ichkeul (Tunisia) and Lake Edku (Egypt). *Aquatic Ecology*, 35 (3-4):335-345.
26. Appleby P.G., H.H. Birks, R.F. Flower, N. Rose, S.M. Peglar, M. Ramdani, M.M. Kariem, A.A. Fathi, 2001. Radiometrically determined dates and Sedimentation rates for recent sediments in the nine North African wetland lakes (the CASSARINA project). *Aquatic Ecology*, 35 (3-4): 347-367
27. Flower, R. J., Dobinson, S., Shillan, E., Ramdani, M., El Khiati, N., Kraiem, M., Ben Hamza, C., Fathi, A. A., Abdelzaher, H., Appleby, P. G. & Patrick, S. T. 2001. Recent environmental change in North African wetland

- lakes: diatom and other stratigraphic evidence from nine sites in the CASSARINA Project. *Aquatic Ecology*, 35 (3-4) :369-388.
28. Ramdani, M., El Khiati, N. & Flower, R. J. , Fathi, A. A. & Kraiem, M. M. 2001. Zooplankton (Cladocera and Ostracods) and Chironomid remains in sediment cores from nine wetland lakes: The CASSARINA, Project. *Aquatic Ecology*, 35(3-4): 389 – 403.
29. Birks, H.H., Peglar, S.M., Boomer, I., Appleby, P.G., Ramdani, M., Kraiem, M., Fathi, A. A. and Abdelzaher, H. 2001. Palaeolimnological responses of nine North African Lakes to recent environmental changes and human impacts detected by macrofossil and pollen analyses. *Aquatic Ecology*, 35 (3-4):405-430.
30. Peglar, S.M., Birks, H.J.B., Birks, H.H., Fathi, A. A., Kraiem, M. M. & Ramdani, M. 2000. Terrestrial pollen records of recent land-use changes around nine North African lakes in the CASSARINA Project. *Aquatic Ecology*, 35 (3-4), 431-448.
31. Peters, A. J., Jones, K. C., Flower, R. & Appleby, P. G., Ramdani, M., Kraiem, M./M. & Fathi, A. A. 2001. Recent environmental change in North African wetland lakes: a baseline study of organochlorine contaminant residues in sediments from nine sites in the CASSARINA Project. *Aquatic Ecology* 35 (3-4):449-459.
32. Fathi A.A. (2002): Toxicological response of the green alga *Scenedesmus bijuga* to mercury and lead. *Folia Microbiol.* 47 (6), 667-671.

33. Zaki F. T. and Fathi, A. A. (2002): Some factors affecting antimicrobial substance produced by the blue-green alga *Nostoc muscorum*. Egypt. J. Biotechnol. 12 (1), 14 – 25.
34. Zaki F. E. T. and Fathi A. A. (2002): Biological and Chemical: Evaluation of pollution in the River Nile at Cairo city, Egypt. Egypt J. Microbiol. 37 (3), 287 – 300.
35. Fathi A. A. and Zaki F. T. (2003): Role of proline level in ameliorating heavy metal toxicity in *Scenedesmus bijuga*. El-Minia Science Bulletin. 14 (2), 155 – 167.
36. El-Naghy, M. A., Fathi, A. A., El-Shahed, A. M. and Badry, S. A. (2003). Biological and chemical: Evaluation of pollution in the River Nile at El-Minia, Egypt. THE SECOND INTERNATIONAL CONFERENCE FOR WATER AND ENVIRONMENT; 21-23 October, 2003, Cairo, EGYPT.
37. Fathi, A. A. (2003): Some metabolic activities in the green alga *Scenedesmus bijuga* as affected by the insecticide Trichlorfon. Protistology, 3 (2), 80-86.
38. Fathi A. A. and Abdelzaher H. M. (2003). Limnological studies on Wetland Lake El-Manzala, Egypt. Bull. Fac. Sci., Assiut Univ., 215 – 233
39. Mohamed M. Kraïem, M. Ramdani, A.A. Fathi, H.M.A. Abdelzaher et R. Flower (2003): Analyse de la biodiversite et de la production ichtyques dans trois lacs Nord Africains : merja zerga (Maroc), garâat ichkeul (Tunisie) et lac edku (Eegypte) Bull. Inst. Natn. Scien. Tech. Mer de Salammbô, Vol. 30. 7-13.
40. Zaki, F. T. and Fathi, A. A. (2004): Impact of copper on some physiological aspects of *Nostoc muscorum* with special references to the detoxifying role of calcium. Acta Botanica Hungarica, 46, 3-4 : 423-433.

41. El-Naghy M. A., El-Shahed A. M., Fathi A. A., and Garib G. E. (2004): Algal Flora of Rice Fields at El-Kharga Oasis, Egypt. *Egyptian Journal of Phycology* 5, 51-69.
42. El-Naghy M. A., Fathi A. A., El-Shahed A. M. and Garib G. E. (2004): Ecological studies of algae on El-Kharga Oasis, Egypt; 1- Algae of sewage oxidation ponds. *El-Minia Science Bulletin*. 15 (1): 145-172.
43. Fathi, A. A., Zaki, F. T. and Ibraheim, H. A. (2005): Response of tolerant and wild type strains of *Chlorella vulgaris* to copper with special references to copper uptake system. *Protistology*, 4 (1), 73-78.
44. El-Naghy M. A., El-Shahed A. M., Fathi A. A., and Garib G. E. (2005): Ecological studies of algae on El-Kharga Oasis, Egypt; 1- Algae of water wells and agriculture drains, *Assiut Univ. J. of Botany*, 34 (1), 77-93.
45. Fathi A. A. and R. J. Flower (2005): Water Quality and phytoplankton communities in Lake Qarun (Egypt), *Aquatic Science*, 67, 350-362.
46. Flower R. J., Stickley C., Rose N., Peglar S., Fathi A. A. and Appleby P. G. (2006). Environmental change at the desert margin: an assessment of recent palaeolimnological records in Lake Qarun, Middle Egypt. *J Palaeolimnology* ,35, 1-24
47. El-Naghy, M. A., El-Shahed A. , Fathi A. A. and Badri S. A. (2006): Water quality of the River Nile at El-Minia, Egypt as evaluated using algae as bioindicators. *Egyptian J. of Phycology*, 7 (2)141- 162.
48. Mohammed A. Al-Kahtani, Ashraf M. Youssef, Adel A. Fathi (2007): Ecological studies on al-khadoud spring, Al-Hassa, Saudi Arabia, *Pakistan Journal of Sciences* , 10 (22),4063-4068.
49. Fathi A. A. and Al-Fredan M. A. (2007): Effect of the insecticide Abamectin on the metabolic activity of *Chlorella vulgaris* Beyerinck *Egyptian J. of Phycology* (8): 1-12.

50. Fathi A.A., El-Shahed A.M., Shoukamy M. A., Ibraheim H. A. and Abdel Rahman, O. M. (2008): Response of Nile water Phytoplankton to the toxicity Cobalt, Copper and Zinc. *Research Journal of Environmental Toxicology*. 2(2): 67-76.
51. El- kahtani M. A. and A. A. Fathi (2008): Physiological studies on Tilapia fish (*Oreochromis niloticus*) as influenced by the Cyanobacterial Toxins Microcystin. *Journal of Biological Science*, 8(7): 1226-1230.
52. Fathi A.A., M.A. Al-Fredan and A.M. Youssef, 2009. Water Quality and Phytoplankton Communities in Lake Al-Asfar, Al-Hassa, Saudi Arabia., *Research Journal of Environmental Science*, 3(5):505-513.
53. Youssef A. M. , Al-Fredan M.A. and Fathi A. A. 2009. Floristic Composition of Lake Al-Asfar, Alahsa, Saudi Arabia. *International Journal of Botany* , 5 (2): 116-125.
54. Adel A. Fathi and Mohammed A. Al-Kahtani, (2009): Water Quality and Planktonic Communities In Al-khadoud Spring, Al-Hassa, Saudi Arabia. *American Journal of Environmental Science*. 5(3):343-443.
55. Hashem Al-Sheikh and Adel A. Fathi (2010): Ecological Studies on Al-Asfar Lake, Al-Hassa, Saudi Arabia, with Special References to the Sediment, *Research Journal of environmental science*. 4(1): 13-22.
56. Abdullah M. Alzahrani, Adel. A. Fathi and Magdy M Youssef (2010): Physiological and biochemical characteristics of a copper tolerant and a wild type strain of *Chlorella vulgaris* under copper stress. The 25th meeting of the Saudi Biological Society, King Faisal University, Al-Hassa, 27-29 Jamada, 1431 H (11-13 May, 2010).
57. Adel A. Fathi and Mohammed A. Al-Kahtani, (2010). Production of antimicrobial substance from the green alga *Chlorella vulgaris* Beyerinck. *Current Biotica*, 4(2), 151-160.