**CURRICULUM VITAE**

**PERSONAL DATA:**

 1: FULL NAME: ***ABDULZAHRA A. NAMMAH ALHELLO***

 **2:** DATE OF BIRTH: ***24 - 3 -1962***

 **3:** COUNTRY: ***IRAQ***

 **4:** NATIONALITY: ***IRAQI***

 **5:** SEX: ***MALE***

 **6**: E-MAIL ADDRESS**:** **alhello@ymail.com****,** **alhello@mscbasra.org**

  **7: MOBILE No.:009647808294546**

 **8:** MARITAL STATUS***: MARRIED WITH FOUR CHILDREN.***

 **ACADEMIC QUALIFICATION:**

**1**: DEGREES

|  |  |  |  |
| --- | --- | --- | --- |
| NAME OF EXAM.  | YEAR  | UNIVERSITY  | SUBJECT  |
| B.Sc.  | 1982  | BASRAH **(IRAQ)** | SOIL & WATER RESOURCES |
| M.Sc.  | 1988  | BASRAH **(IRAQ)** | SOIL & WATER RESOURCES  |
| Ph.D | 2006  | INDIAN INSTITUTE OF TECHNOLOGY -ROORKEE **(INDIA)** | HYDROLOGY |

**2**: MAJOR FIELD OF SPECIALIZATION: ***SOIL AND WATER QUALITY***

**3**: MAJOR FIELD OF SPECIALIZATION OF RESEARCH: ***SOIL &*** ***WATER POLLUTION.***

**4**: TITLE OF M.Sc. THESIS: ***GROUND WATER QUALITY IN*  *ZUBAIR AREA*** ***AND***

 ***ITS SUITABILITY FOR IRRIGATION UNDER DIFFERENT***

 ***FERTILIZER LEVELS***.

5: TITLE OF Ph.D. THESIS: ***ASSESSMENT OF SOIL, SEDIMENT AND WATER***

 ***QUALITY IN AGRICULTURAL MICRO WATERSHEDS.***

**6: LANGUAGE OF STUDY OR RESEARCH: *ARABIC AND ENGLISH***

**PROFESSIONAL EXPERIENCE:**

**1**: FULFILMENT OF SEVERAL RESEARCH PROJECTS CONCERNING ENVIRONMENTAL OF N.W. ARABIAN GULF AND SANDY SOILS.

2: Projects implemented for the benefit of state institutions and the

 private sector e.g :

 *A: Environmental survey of the southern part of the Shatt al-Arab river.*

 *B: Environmental Assessment of water discharges from industrial FACTORIEs in Basra.*

 *C: Environmental assessment of the food factories in Basra Governorate.*

 *D: Evaluating drinking water purification stations in Basra Governorate*

 *E: Environmental survey of the nw arabian gulf,*

2: **TEACHING**: HYDROLOGY, LAND SURVEY. PRINCIPLES OF SOIL SCIENCE, WATER POLLUTION.

**3:** SUPERVISOR OF MANY MARINE SCIENTIFIC VOYAGE FROM1992 –NOW.

 **DESCRIPTION OF RESEARCH:** THE MAIN AIM OF RESEARCHS IS

WATER AND SOIL ANALYSIS TO OBTAIN THE POLLUTION LEVELS.

**EMPLOYMENT RECORD:**

|  |  |  |  |
| --- | --- | --- | --- |
| **POSITION** | **EMPLOYER** | **FROM** | **TO** |
| Professor  | Marine Sci. Centre, University Of Basrah**, Iraq** | **2013** | **now** |
| Assi. Prof.  | Marine Sci. Centre, University Of Basrah**, Iraq**  | 2006  | 2013 |
| Research Scholar  | Indian Institute of Technology, Roorkee**, India** | 2001 | 2006 |
| Assi. Prof.  | Marine Sci. Centre, University Of Basrah, **Iraq**  | 1998  | 2001  |
| Lecturer  | Marine Sci. Centre, University Of Basrah, **Iraq**  | 1993  | 1998  |
| Assi. Lecturer  | Marine Sci. Centre, University Of Basrah, **Iraq** | 1988  | 1993  |

**MEMBERSHIP PROFESSIONAL ORGANIZATION:**

 1: TEACHERS UNION.

 2: IRAQI WATER RESOURCE SCIENTIFIC SOCIETY.

 3: ENVIRONMENT PROTECTION AGENCY FOR BASRA GOVERNORATE .

4: IODE National Coordinators for Marine Information Management

**ACADEMIC ADMINISTRATION OR RELATED EXPERIENCE:**  TEACHING & RESEARCH, SOCIAL COMMITTEE.

**ACADEMIC HONORS, PRIZES AND GRANT:**

 1 : MORE THAN FIFTY THANKFUL LETTERS

 2 :MORE THAN 20 CERTIFICATES AWARDED FROM GOVERNMENT DEPARTMENTS AND

 NGO ORGANIZATION .

**RESEARCH AND PUBLICATION:**

 **A :Papers**

1. **1.** AL-NAJIM, M. & **ALHELLO, A**.(1988) "QUALITY OF UNDERGROUND WATER IN ZUBAIR AREA”. (BASRAH J. AGRIC. SCI. 1, 1988.)

 **2.** Al-Najim, M.A. & **ALHELLO, A**.(1989) “THE INTERACTIVE BETWEEN IRRIGATION AND FERTILIZER AND ITS EFFECT ON QUALITY OF TOMATO YIELD”;( J. AGR.. AND WATER RESOURCES RESEARCH, 1989).

1. **3.** **ALHELLO, A**. & MURADALI, N.(1990) "HYDROGEOCHEMICAL OF WATER A COMPANYING OIL AND GAS OF SOME OF THE SOUTHERN FIELDS IN ZUBAIR FORMATION”. ( BASRAH J. AGRI. SCI.2(1).
2. **4.** Abass, M. A. & **Al-Hello, A. Z**. (1991). Effect of wetting, drying and tides on the weathering of clay minerals n Tigris river and tidal flat of Khor Al-Zubair, Southern Iraq (In Arabic). Marina Mesopotamica. 6(2): 319- 333.
3. **5**. Al-Najim, M.A. & **Al-Hello, A. A**. & BaKIr, N.A. (1992). Mathematical and geochemical evaluation of ground water, NW Arabian Gulf. IPA J. Agric. Res. 2:119- 130.

**6** **Al-Hello, A. A**., Baker, N. A. & Abass, M. A. (1994). Estimation of regression equation of salinity from the conductivity of Khor Al-Zubair Water. Marina Mesopotamica. 9(1): 189- 203.

**7. Al-Hello, A. A** (1993) "THE EFFECT OF SALINE GROUNDWATER ON DISTRIBUTION OF THE SALTS IN SANDY SOIL UNDER DRIP IRRIGATION”.( J. OF ARTS COLLEGE. 1993).

**8.** aBASS, m. , eZBARY, T.& **Al-Hello, A. A (1993)** “GEOCHEMICAL AND PHYSICAL PROPERTIES OF MARINE SEDIMENT IN KHOR AL-ZUBAIR”. (MARINE MESOPOTAMICA, 1993).

**9.** Al-Badran, A. A., Al-Badran, B. N. & **Al-Hello, A. Z**. (1991). Ecological and sedimentological study of the fish culture basins in Khor Al-Zubair, NW Arabian Gulf (In Arabic). Marina Mesopotamica. 6(2): 301- 318.

**10** Al-Aubaidy, A. H. M. J. and **Al-Hello, A. Z.** (1996)" Monthly variations of the nutrients and other related factors in Shatt Al-Arab River, Basrah, Iraq. Marina Mesopotamica, 11(2):365-383.

**11**. **Al-Hello, A. Z**. & Al-Obaidi, A. H. (1997). The chemistry of Shatt Al-Arab waters from Qurna to Al-Fao. Marina Mesopotamica. 12(1):

**12**. Al-Bayati, F. M., Mustafa, Y Z. & **Al-Hello, A. Z. A**. (1997). Evaluation of salt Deposits around Basrah city for human consumption (in Arabic). Marina Mesopotamica.12(1): 159- 168.

**13**. **Al-Hello, A. Z.**  (1999). Hydrochemistry of Shatt Al-Arab Estuary water (In Arabic). Marina Mesopotamica. 14(1): 167- 188.

**14**. **Al-Hello, A. A. Z. N.** (2001) Some characters of Shatt Al-Arab river water and its suitability for different uses. Marina Mesopotamica, 16(1):295-308.

**15**. Hussain, N. A., Al-Manssory, F. Y. and **Al-Hello, A. A.** (2001) Some chemical characteristics of Shatt Al-Arab estuary. Marina Mesopotamica, 16(2):311-329.

**16**- Shukri I. Al-Hassen, Abdul Wahab A. Sultan, Adnan A. Ateek, Hamid T. Al-Saad, Salah Mahdi, **Abdulzahra A. Alhello** “Spatial analysis on the concentrations of air pollutants in Basra province (southern Iraq). Open journal of Air Pollution. 4, 139-148,(2015).

**17**- HAMID T. AL-SAAD, IMAD H. AL-QAROONI, HASSAN M. BEDAIR, ALI A.Z. DOUABUL, **ABDULZAHRA ALHELLO**(2015) “Estimation of heavy elements in fresh part and shell of Bellamya bengalensis in shatt Al\_arab River, Iraq INTERNATIONAL ACADEMIC RESEARCH FOR MULTIDISCIPLINARY, Volume 3, Issue 1,1-12, 2015

**19**-Faris J. M. Al-Imarah, Hamid T. Al-Saad, **A. A. Al-hilo**, Nadiah A. Al-Mudhafar and Salah M. Saleh (2015)” ICP detection of chemical elements in the sediments along Shatt Al-Arab Estuary and Khor Abdullah/Southern Iraq. International journal of environment and water.4(4)11-18.

**20**- SHUKRI I. AL-HASSEN, EMAD H. AL-QARRONI, MUAYAD H. QASSIM, HAMID T. AL-SAAD, **ABDULZAHRA ALHELLO** (2015)“AN EXPERIMENTAL STUDY ON THE DETERMINATION OF AIR POLLUTANT CONCENTRATIONS RELEASED FROM SELECTED OUTDOOR GASEOUS EMISSION SOURCES IN BASRA CITY, SOUTHERN IRAQ. INTERNATIONAL ACADEMIC RESEARCH FOR MULTIDISCIPLINARY, Vol. 3, Issue 1., 1-12.

**21**- Analysis of Water Quality Using Physico-Chemical Parameters in the Shatt AL-Arab Estuary, Iraq . International Journal of Marine Science, 5(49)1-9,2015 .

**22**- Hamid T. Al-Saad, Dhfar. Dh. Al-Khion, Ebtihal S. Majeed, Abas A., Hantoush, Salah M. Saleh, **Abdulzahra A. Alhello** (2016) Environmental Assessment polycyclic aromatic pollutants in the waters of shatt al-arab side branches

**23**- Wisam A. Farid, Assel N. Al–Salman, Wasen A. Ali, Hamid T. Al-Saad, Sliah Mahdi, **Abdelzahra A. Al-Hello**(2016) ”Polycyclic Aromatic Hydrocarbons (PAHs) in the surface sediments of Shatt Al-Arab River, Basrah City, Southern Iraq,.Journal of Natural Science Research,6(8)46-55,201

**24**- Hamid T. Al-Saad1 , Shaimaa T.Abed Ali, Sliah Mahdi, Bassim Y. AlKafaji2, and **Abdelzahra A. Al-Hello** “Polycyclic Aromatic Hydrocarbons (PAHs) in Sediment Samples From Euphrates River, Iraq International journal of marine science.6(9)1-5,2016

**25**- WA Farid, AN Al–Salman, DS Hammad, HT Al-Saad, SM Salih, **AZ AlHello** Toxic effects of dissolved and dispersed crude oils on eggs and larvae of some fishes from Shatt Al-Arab River. Journal of Pharmaceutical, Chemical and Biological Sciences.4(1) 88-103 (2016)

**26**- Sama Sameer Al-Maarofi, **Abdul Zahra Abdul Rasul Alhello,** Nadia Al-Mudaffar Fawzi, Ali Abdul Zahra Douabul, Hamid Talib Al-Saad (2013)” Desiccation versus re-flooding :heavy metals mobilization- part 1. “Journal of Environmental Protection Volume 4 Issue 08 Pages

**27**- Douabul AAZ, Al-Mudhafer NA, **Alhello AA**, Al-Saad HT, Al-Maarofi(2012)” Restoration versus Re-flooding. Mesopotamia Marshlands. Hydrol Current Res 3:140. doi: 10.4172/2157-7587.1000140.

**28**- Nomas, H., Al-asadi s. and **Al-Hello, A. A** (2013)” Factors influencing the quantitative and qualitative Load characteristics in the Shatt al-Arab river . J. of Geograhyical research no. 15.

**29**- HASSAN K. H. AL- MAHMOOD, WESAL F. HASSAN, **ABDULZAHRA A, ALHELLO**, ODAY I. HAMMOOD, NADIA K. MUHSON (2015)“IMPACT OF LOW DISCHARGE AND DROUGHT ON THE WATER QUALITY OF THE SHATT AL-ARAB AND SHATT AL-BASRA RIVERS (SOUTH OF IRAQ). JOURNAL OF INTERNATIONAL ACADEMIC RESEARCH FOR MULTIDISCIPLINARY. Vol.3, Issue 1.

 **B : TWENTY REPORTS.**

**SABBATICAL LEAVE, STUDY VISIT, AND CONFERENCES:**

ATTEND MORE THAN 20 CONFERENCE AND WORKSHOP

 **MANAGEMENTAL EXPERIENCE:**

 1: SUPERVISOR OF WATER ANALYSIS LAB. IN MARINE SCI. CENTRE

 , UNIVERSITY OF BASRAH FROM 1992 TO 2001.

 2: ADMINISTRATION AND FINANCE DIRECTOR, MARINE SCI. CENTRE,

 UNIVERSITY OF BASRAH FROM 1991 TO 1999.

 3. SUPERVISOR OF WATER ANALYSIS LAB. IN MARINE SCI. CENTRE

 , UNIVERSITY OF BASRAH FROM Dec.20,2007 TILL NOW.

 4. DECIDER OF ENVIRONMENTAL CHEMISTRY DEPT. MARINE SCI. CENTRE,

 UNIVERSITY OF BASRAH FROM 2008 TILL 2012

ABDULZAHRA A. ALHELLO