

CURRICULUM VITA

Mohammed Yahia J. AI - Ani

1 ADDRESS.

Prof. MOHAMMED Yahia J. AL-Ani, Ph.D.

Civil/ Environmental Engineer

Baghdad, IRAQ

Tel. 07810097604 in iraq(00 964 7810097604from out of Iraq)

E-mail alanimy2004@yahoo.com

2 PERSONAL BACKGROUNDS.

Birth date: April 25, 1949, Baghdad-Iraq.

3 EDUCATIONAL BACKGROUNDS.

Ph.D. Colorado State University, College of Eng. Environmental Eng. 1984, Colorado, USA.

M.Sc. Colorado State University, College of Eng. Environmental Eng. 1980, Colorado, USA.

B.Sc. Mosul University, College of Eng., Civil Engineering Dept 1971, Mosul , Iraq.

NON-DEGREE STUDIES.

Presstress Concrete, Iraqi Union Engineers, Baghdad, June 1973

Flood Prediction, Estimation and Forecasting, Colorado State University, Jun 1983

-University of Birmingham, UK, Three weeks course "Higher Education Management Development Program" May, 2004.

-World Bank, Amman-Jordan, seven days course "Safeguard Policies For Iraqi Ministries" March /April 2004.

- College of Engineering and Iraqi union of Engineers, courses in design of water Treatment plants, water quality and, Environmental topics.

4 FIELDS OF ACTIVITY.

Water and Wastewater Engineering

Water Resource Management

Solid Waste Management

Fluid Mechanics

Hydrology

Air pollution

Environmental Assessment

Civil Eng. Management

5 SCIENTIFIC AND PROFESSIONAL SOCIETIES.

Iraqi Union Engineers

American Water Works Association

Water Environment Federation

Member of Iraqi (High) Board for Environmental Protection. (2000-

Member of Baghdad Board for Environmental Protection (1995-

6 POSITIONS.

(1) Jr. and senior Civil Eng., Baghdad Mayoralty 1971-1977

(2) Research Assistant, Civil Engineering Dept., Southampton University, England, 1977-1978

(3) Research Assistant, Civil Engineering Dept., Colorado State University, 1978-1980

(4) Research Assistant, Civil Engineering Dept., Colorado State University, 1980-1983

(5) Teaching Assistant, Civil Engineering Dept., Colorado State University, 1983- 1984

(6) Senior Engineer, Baghdad Water Board, Iraq, 1984-1985

(7) Researcher, Scientific Research Council, 1985-1990

(8) Chief Engineer, Baghdad Mayoralty, (1990-1990)

(9) Lecturer, Baghdad University, Baghdad, Iraq, 1988-1989

(10) Assistant Professor, Env. Eng. , College of Eng. AL- Mustansyria University, , 1991-2002

(11) Head of Environmental Eng. Dept. (1994 – 2001)(Founder)

(12) Dean Deputy, college of engineering for Higher Studies and Scientific Research. (2001- 2003)

(13) Professor Env. Eng, College of Eng. ALMustansiria University. 2002

(14) Vice president of AL-Mustansyrai University for Higher Studies and Scientific Research. (2003-2009)

15) Retired Prof. August 2009

16) Consultant Engineer /designer- Ministry of Municipalities, Sewerage Dept. December 2009- July 2010

17) Consultant Engineer / contractors July 2010-

18) Design and Consultant Engineer for three engineering bureaus July 2010-

7. CONSULITING.

(1) Ministry of Industry. Three days short course: “Industrial Water Supply, Design, Treatment, and Operation”

(2) Scientific Research Council and Pont A Masson (France). Three days short course: “Water supply pipes”

8. Experience.

(1) Consultant Engineer for Ministry of Industry, Design, operation and rehabilitation of industrial Wastewater and water treatment plants.

(2) Consultant Engineer for Ministry of Public work, Design, operation and

rehabilitation of Municipal Wastewater and water treatment plants.

- (3) Consultant Engineer for Ministry of Health.(1984- 2003)
- (4) Consultant Engineer for Ministry of Environment,(2003-
- (5) Consultant Engineer for Baghdad Mayoralty (1992-2003).
- (6) Consultant Engineer for Ministry of Housing.
- (7) Consultant Engineer for Ministry of Oil.
- (8) Head of Euphrates river water quality committee
- (9) Consultant and Head of Env. Data of Iraq for World Bank
- (10) Designer of Al-Nassyriah water supply network.
- (11) Team member of Kut wastewater network design
- (12) Designer of water treatment plant and water supply network of Hammam Al-Aleal- Mosul, Baji, (two villages), Kaan (three villages) and Maysan (two cities).
- (13) Designer of wastewater treatment plant and sewage network for three cities.
- (14) Environmental Impact assessment of Aljiser town in Diayla governorate.
- (15) Training course in design of water treatment plants and network with CH2MHill Company (USA-1982-1983).
- (16) Ministry Of Environment: Member of Solid Waste Classification Committee.
- (17) Member of Steering Committee of ETIC.
- (18) Consultant engineer for Municipality as designer.(2008-2009)
- (19) Consultant engineer for contractor.(2008-

9 COURSES TAUGHT.

a. Baghdad University (1988-1989).

Industrial Wastewater Treatment

b. Almustansyria University (1990-).

Sanitary Engineering

Engineering Hydrology

Air pollution

Solid Waste Management.

c. Saddam University (1990-1994)

Sanitary Engineering

Engineering Hydrology

10. PUBLISHED PAPERS.

- (1) AL-ANI, M., and Hendricks D.W., “Rapid Sand Filtration of Giardia Cysts, “proceedings, ASCE National Conference on Environmental Engineering, Boulder, Colorado, July 6-8, 1983.
- (2) AL-ANI, M., and Hendricks, D.W., “Removal Giardia Cysts by Filtration” proceedings, ASCE National Conference on Environmental Engineering, Los Angeles, CA, June 1985.

- (3) Al-ANI, M., and Hendricks, D.W., "Surrogate Indicators for Assessing Removal of Giardia Cysts ", Proceedings, AWWA water Quality and Technology Conference, Denver, Co, Dec. 1984.
- (4) AN-ANI, M., Hendricks, D.W., Logsdon, G.S., and Hibler, C.P. "Removing Giardia Cysts from Low Turbidity Water by Rapid Rate Filtration", Journal of the America Water Works Association, 78:5:66, May 1986.
- (5) AN-ANI, M., AL-Baldawi, M., "Comparison of Single and Duel Media for Water Filtration" 4th Conference of Scientific Research Council, Baghdad, Iraq, 1986.
- (6) AL-ANI, M., et al, "Water Quality Index Applied to the Classification and Zoning of Al-Jaysh Canal-Baghdad- Iraq", Environmental Science and Health, A22 (4), 305-314,1987.
- (7) Deborah, R.B., Choi, S.I, AL-ANI, M., and Hendricks, D.W., "Bench-Scale Evaluation of Coagulant for Low Turbidity Waters", Journal of the American Water Works Association, 80:4:199, April 1988.
- (8) AL-ANI, M., Al-Baldawi, M.F., "Turbidity Removal Efficiency of Circular Secondary Sedimentation Tank for Treating River Water ", Aqua, No. 6, pp. 306-312,1988.
- (9) AL-ANI, M., Al-Layla M., and Al-Rawi, S.M., "Selection of the Size and Depth of Dual Media Filters in Treating Tigris River Water", Aqua, No. 6,pp.328-337. 1988.
- (10) AL-ANI, Mohammed Y., "Clogging Front Behavior in Dual-Medium Filters", Journal of Water Supply Research and Technology, AQUA, Vol. 39, No. 3, pp. 188-196, 1990.
- (11) AL-ANI, M., "Water Quality Index for Tigris River Classification", Journal of Biological Science and Research, Vol. 14 (3), 1988.
- (12) Al-Layla, M., AL-ANI, M., and Al-Rawi, S.M., "Mathematical Equation for Turbidity Removal of Drinking Water by Dual Media Filtration", Environmental Science and Engineering, Feb. 1989.
- (13) AL-ANI, M., "Effect of Flow on Tigris Water Quality", Water R.C., Baghdad, Iraq, August 1991.
- (14) AL-ANI, M., "Effect of Accidental Oil Pollution on Environment", Arab Engineers Conference, Cairo, Egypt. Oct. 22-24, 1991.
- (15) Kaddori, A.H., and AL-ANI, M., "Environmental Protection From Industrial Pollution at South of Baghdad", Arab Engineers Conference, Cairo, Egypt, Oct. 22-24, 1991.
- (16) Al-Ani, Mohammed Y. "Selection of a Mixer for water Treatment" J. Engineering Development Vol. II, No.1, 1998.
- (17) Al- Ani, Mohammed Y. and Mohammed H.M, "Land Treatment of Oily Sludge" Engineering Development" Vol. V 1999.
- (18) Al-Ani, Mohammed Y. and Al-Amine J.A "Effect of an Open Landfill on Ground water" Water Resources, 1999.

- (19) Al-Shahwani Mohammed and Al- Ani Mohammed "A semi- pilot plant Fomenter for the Production of Coagulant – Aid From Brewery Wastewater" Environmental Science and Engineering, USA 1993.
- (20) Mohammed Y. Al-Ani, and Firas R. Al-Khalidy "Use of Ionizing Radiation Technology for Treating Municipal Wastewater." *Int. J. Environ. Res. Public Health* 2006, 3(4), 360-368.
- (21) Mohammed Y. Al-Ani, and Nashwan M. Khudhair "Optimum Water Quality Parameters of Power Plants Cooling Water " Second International Symposium *on Recent Advances in Environmental Health Research* Jackson, MS : September 18 - 21, 2005

Eight papers are under writing and publication.

(22). Supervision: In field of Environmental Engineering, such as water and wastewater treatment, water Quality, water resources management, Solid Waste management including land fill, solid waste collection...
Twenty M.Sc. Students.
Five Ph.D. Students.
