

CURRICULUM VITAE

NAME : Reyad Daher Zeid Al-Daher Al-Husaini

DATE & PLACE
OF BIRTH : March 10, 1960, Kuwait

NATIONALITY : Kuwaiti

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Biotechnology Dept.
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QUALIFICATION: B.Sc. (Microbiology)
Kuwait University, 1983

OCCUPATION : Research Scientist

EXPERIENCE:

Started working in the Biotechnology Department of Kuwait Institute for Scientific Research from 1983 as follows:

1983 – 1986	:	Research Assistant
1986 – 1993	:	Research Associate
1993 – 1996	:	Assistant Research Scientist
1996 – 2006	:	Associate Research Scientist
2007	:	Research Scientist

PRODUCTIVITY:

Research Projects

AG-45B	The Purification and Reuse of Kuwait Refinery Wastewater. 1981-1983
BT-9	Intensive Algae Culture: Live Feed for Zooplankton. 1984-1986.
BT-13	Agro-Industrial Uses of Lignocellulosic Wastes. 1984-1986.
BT-5	Utilization of Algal Bacterial Ponding Systems for Municipal Wastewater Treatment. 1986-1988.
BT-20	Production of Biosurfactant by Microbial Techniques. 1986-1989.
BT-35	Effect of Oily Sludge Landfarming on Soil Properties and Plant Growth. 1988-1989.
BT-30	Landfarming of Oily Sludge in Kuwait-Phase II. Management of Oily Sludge Landfarming. 1990-1994.
Food-9	Evaluation of In-Site Bioremediation of Oil-Contaminated Soil. 1992-1994.
Food-10	Evaluation of On-site Bioremediation of Oil-Contaminated Soil Through Composting Soil Piles. 1992-1994.
FB005C	Remediation and Rehabilitation of Kuwait Oil-Lake Beds. Phase II. 1994-1997.
FB001C	Remediation and Rehabilitation of Ja'aidan Garden. 1995-1997.
FB005C	Remediation and Rehabilitation of Kuwait Oil-Lake Beds. Phase III. 1997-2000.
FB018C	Development of an Elemental Sulfur/Sulfur-Oxidizing Bacteria Amendment Product for Improving Desert Soil Fertility. 1999-2002.
FA017C	Assessment and Suitability of Bioremediated Soils for Greenery Landscape Planting: The Ahmadi Bioremediated Soil Park. 1999-2002.
FB016C	Follow up of the Oil Lake Beds Remediation Efforts. 1999-

2004.

- FB040C Large Scale Production of Soil Sulfur Amendment and its implementation at the Kuwait National Greenery Plan. 2003 – 2006
- FB055K Determination of the Cost Effective Application Rate of Sulfur Amendment on Crops. 2006
- FB061K Field Demonstration of Sulfur Amendment of the Commercial Production of Agriculture Crops and Fodder Plants in Kuwait. 2006 – 2007

Patent: Soil Improver and Process for Improving pH of Soil.

Reference No. 1K10102, April 7, 2003,
Patent Application No. 2003 – 061202

KISR: **Reyad Al-Daher**, Mohammed Al-Bahou, Kouider Guerinik

Idemitsu Kosan Co: Japan: Hideo Miyamoto, Masato Kurihara, Akihiko Kadota,
Kozo Morimitsu

Publications

Refereed Journals:

1. El-Nawawy, Amin S., E. El-Rayes. **R. D. Al-Hussaini** and A. Tawheed. 1986. Bioconversion of Cellulosic Wastes. In: D. I. Alani and M. Moo-Young (eds.): Perspectives of Biotechnology and Applied Microbiology, p. 223-230. Elsevier Applied Science Publisher, London and New York, 380 p.
2. Esen, I., K. Puskas, I. Banat and **R. Al-Daher**. 1987. Algal-Bacterial Ponding System for Municipal Wastewater Treatment in Arid Regions. Water Science Technology. 19. No. 12: pp 341-343.
3. El-Nawawy, A.S., M. Musallam., A. Hammoud, and **R. Al-Daher**. 1987. Solid Substrate Fermentation of Cardboard to Protein-Enriched Fermented fodder (PEEF) In J. F. Kennedy, G.O. Industrial Utilization Biotechnology Structure and Properties, Ellis Horwood Publishers, Chichester, U.K. Chapter 32, pp 291-298.
4. El-Nawawy, A.S., E. El-Rayyes and **R. Al-Daher**. 1987. Enzymatic Conversion of Cellulose in Cardboard for Yeast Production. In: J. F. Kennedy, G.O. Industrial Utilization Biotechnology Structure and Properties, Ellis Horwood Publishers, Chichester, U.K. Chapter 33, pp 299-304.

5. El-Nawawy, A.S., M. Allam., **R. Al-Daher**, A. Hammoud, M. Musallam and N. Al-Dashti. 1987. Comparative Studies on Bioconversion of Cardboard to PEEF. In: I.Y. Hamdan, A.S. El-Nawawy and Mameesh. *Advanced in Food Industries Development in the Arab World*: pp 205-222.
6. Esen, I., K. Puskas, I.M. Banat and **R. Al-Daher**. 1991. Algal Removal by Sand Filtration and Reuse of Filter Material. *Waste Management*. 11: pp 59-65.
7. Puskas, K., I. Essen, I.M. Banat and **R. Al-Daher**. 1991. Performance of an Integrated Ponding System Operated in Arid Zones. *Science Technology* 23: pp 1543-1552.
8. Puskas, K., A.S. El-Nawawy and **R. Al-Daher**. 1993. Engineering Aspects of the Landfarming of Oily Sludge Generated in Kuwait's Shuaiba Industrial Area. In: K. Curi, ed. *Hazardous Waste Management in Economically Developed Countries*, Turkish National Committee on Solid Waste and ISWA, Istanbul. Pp 219-228.
9. Al-Shayji, Y.A., K. Puskas, **R. Al-Daher** and I. I Esen. 1994. Production and Separation of Algae in a High-rate Ponds System. *Environmental International*, Vol. 20, No. 4, pp 541-550.
10. El-Bagouri, I.H., A.S. El-Nawawy, M. Abdal, **R. Al-Daher** and M.S. Khalafawi. 1994. Mobility of Oil and other Sludge Constituents During Oily Sludge Treatment by Landfarming. *Resources Recycling and Conservation*. Vol. 11, pp 93-100.
11. El-Nawawy, A.S., I.H. El-Bagouri, **R. Al-Daher**, S. Khalafawi and M. Abdal. 1994. Plant Growth and Uptake of Mineral Elements at an Oily Sludge Landfarming Site in Kuwait. *Resources, Conservation and Recycling*. Vol. 11, pp. 111-121.
12. Al-Awadhi, N., T.Balba, K.Puskas, **R.Al-Daher**, H.Tsuji, Chino, K. Tsuji, M. Iwabuchi and S. Kumamoto. 1995. Remediation and Rehabilitation of Oil-Contaminated Lake Beds in Kuwait Desert. *Journal of Aridland Studies*. 5S: 195 – 198.
13. Balba, M.T., N. Al-Awadhi, and **R. Al-Daher**. 1995. Bioremediation: An Overview Based on International Project Experience. *Journal of Aridland Studies*. 5S: 215 – 218.
14. Al-Awadhi, N., **R. Al-Daher**, and El-Nawawy, A., Balba, M.T. 1996. Bioremediation of Oil Contaminated Soil I – Landfarming to Remediate Oil- Contaminated Soil. *Journal of Soil Contamination*, 5(3): 243-260.
15. El-Nawawy, A.S., **R. Al-Daher** and A. Al-Yateem. 1996. Plant-Soil Interaction During Bioremediation of Oil Contaminated Soil. *Resources Conservation and Recycle*.
16. **Al-Daher, R.**, and Al-Awadhi, N., A. El-Nawawy. 1998. Bioremediation of Damaged Desert Environment Using Windrow Soil Pile System in Kuwait. *Environment International*, Vol. 24 No.1. pp 175-180.
17. Balba, M.T., Al-Awadhi, N., **R. Al-Daher**. 1998. Bioremediation of Oil-Contaminated Soil: Microbiological Methods for Feasibility Assessment and Field Evaluation. *Journal of Microbiological Methods* 32:155-164.

18. Balba., M.T., **R. Al-Daher.**, Al-Awadhi, N., H. Chino., and H. Tsuji. 1998. Bioremediation of Oil-Contaminated Desert Soil: The Kuwaiti Experience. *Environment International* Vol. 24, No. 1, pp 163- 173.
19. **R. Al-Daher**, N. Al-Awadhi, A. Yateem, M.T. Balba and A. ElNawawy. 2001. Compost Soil Piles for Treatment of Oil-Contaminated Soil. *Soil and Sediment Contamination*. 10(2): 197-209.
20. Patent Application for Soil Improver and Process for Improving pH of Soil using the Soil Improver". Main author from KISR side. Reference No. IK10102 and Patent Application No. 2003-061202.

CONFERENCE PROCEEDINGS

1. El-Nawawy, A., Puskas, K., Al-Awadhi, N., and **R. Al-Daher**. 1993. Oily Sludge Handling Options Benefits and Limitations. *Proceedings of the First Annual Conference on Waste Management, Middle East Environment*.
2. Puskas, K., El-Nawawy, A., Al-Awadhi, N., **R. Al-Daher**. 1995. Remediation of Land Sites Suffering Hydrocarbon Contamination. *Proceedings of the 2nd Annual Conference on Hazardous Waste Management, Middle East Environment*. pp 38.
3. Al-Awadhi, N., El-Nawawy, A., **R. Al-Daher**. 1995. Field Scale Demonstration of Bioremediation Technologies. *Proceedings of Workshop on Assessment and Remediation of Oil Contaminated Soils held in Kuwait 18-27 March 1995*. pp 374-391.
4. El-Nawawy., A.S., **R. Al-Daher.**, Awatif Al-Yateem. 1995. Plant-Soil Interaction during Bioremediation of Oil Contaminated Soil. *Proceedings of Workshop on Assessment and Remediation of Oil Contaminated Soils held in Kuwait 18-27 March 1995*.
5. El-Nawawy, A., **R. Al-Daher**, A. Yateem, and N. Al-Awadhi. 1995. Bioremediation of Oil Contaminated Soil in Kuwait - Enhanced Landfarming for Bioremediation of Oil Contaminated Soil. *Environmental Biotechnology: International Symposium* 249-258.
6. Al-Awadhi, N., K. Puskas, **R. Al-Daher**, and A. El-Nawawy. 1995. To What Extent can Nature Remediate the Oil Contamination in Kuwait Soils. *Journal of the Gulf and Arabian Peninsula Studies*.
7. Al-Awadhi, N., Balba M., **R. Al-Daher.**, El-Nawawy, A., Yateem, A., and Michaelsen, M. 1996. Remediation and Rehabilitation of Damaged Desert Soil. Presented at the International Conference on Desert Development in the Arab Gulf Countries, 23-26 March 1996.
8. Balba, M.T., Al-Awadhi, N., **R. Al-Daher**, H. Chino , H. Tsuji. 1996. Remediation and Rehabilitation of Oil-Lake Beds in Kuwait I- Bioremediation of Oil-Contaminated Soil. In: *Restoration and Rehabilitation of the Desert Environment. The Joint Kuwait-Japanese Symposium on "Restoration and Rehabilitation of the Desert Environment"*. Published by Elsevier Science.

9. Al-Awadhi, N., M.T. Balba, **R. Al-Daher**, H. Chino and Tsuji. 1996. Bioremediation of Oil-contaminated Desert Soil in Kuwait (1). Presented at the Workshop on Utilization and Conservation of Soil and water for Desert Greening Saudi Arabia 24-25 November, 1996.
10. Puskas, K., Al-Awadhi, N., M.T. Balba, **R. Al-Daher**, M. Iwabuchi, S. Kumamoto, M. Kuwabara, M. Sueyoshi. 1996. Exploratory Work on Physical/Chemical Treatment of Oil Sludge. In: Restoration and Rehabilitation of the Desert Environment. Elsevier Publishers – Holland. pp 69- 82.
11. Balba, T., Al-Awadhi, N., **R. Al-Daher**, H. Chino and Tsuji. 1996. Bioremediation of oil-contaminated desert soil in Kuwait (2). Presented at the Workshop on Utilization and Conservation of Soil and water for Desert Greening Saudi Arabia 24-25 November, 1996.
12. Balba, M.T., **R. Al-Daher**, Al-Awadhi, N., H. Chino. 1997. Large Scale Bioremediation of Weathered Oil-Contaminated Soil in Kuwait: I Aerated Static Piles for Treatment of Oil Contamination. Presented at the 10th International IGT Symposium on Gas, Oil and Environmental Biotechnology and Site Remediation Technology, Orlando, Florida, USA December 8-10, 1997.
13. **R. Al-Daher**, Al-Awadhi, N., M.T. Balba., A. Al-Nawawy. 1997. Bioremediation of Oil-Contaminated Soil in Kuwait - II. Compost Soil Piles System. Presented at the 10th International IGT Symposium on Gas, Oil and Environmental Biotechnology and Site Remediation Technology, Orlando, Florida, USA. December 8-10, 1997.
14. Al-Awadhi, N., M.T. Balba., **R. Al-Daher**., A. El-Nawawy and A. Al-Yateem. 1998. Evaluation of Bioremediation Technologies for Restoration of Damaged Desert Soil in Kuwait. 1998. Proceedings of the International Conference on Desert Development in the Arab Gulf Countries pp. 93-108.
15. M. Iwabuchi, S. Kumamoto, Y. Shimizu, M. Asada, M. Sueyoshi, Y. Takano, N. Al-Awadhi, M.T. Balba and **R. Al-Daher**. 1998. Remediation and Rehabilitation of the Kuwait Oil Lake Beds. In: Sixth International FZK/TNO Conference on Contaminated Soil, May 17 – 21, 1998, Edinburgh, UK.
16. Motoyuki Asada, M. Iwabuchi, S. Kumamoto, Yutaka Shimizu, M. Sueyoshi, Al-Awadhi, N., M.T. Balba, **R. Al-Daher**. 1999. Remediation and Rehabilitation of the Kuwait Oil Lake Beds. In: Environmental Technology for Oil Pollution. Vol 1 – Proceedings of U.S. United Engineering Foundation Conference, Aug 29 -September 3, 1999, Poland. pp 146-152.
17. **R. Al-Daher**, N. Al-Awadhi, M.T. Balba, A. Yateem, T. Al-Surrayai, H. Tsuji, H. Chino, T. Matsubara, M. Maegaito, M. Iwabuchi and M. Sueyoshi. 1999. 'Application of Bioremediation Technologies for Remediation of Oil Contaminated Soils in Kuwait: A Case Study' presented in the workshop 'Bioremediation for Clean Environment', 5 – 15 November 1999, Egypt.
18. Al-Awadhi, N., **R. Al-Daher**, F. Taha, M. Tsuji., H. Chino. 1999. Bioremediation of Oil-Contaminated Soil for Utilization in Greenery and Landscaping Project. Presented at the First International Conference on Greenery and Environmental Beautification in Arid Zones 20-24 November, 1999. Kuwait.

19. Motoyuki Asada, M. Iwabuchi, S. Kumamoto, Yutaka Shimizu, M. Sueyososhi, Al-Awadhi, N., M.T. Balba, **R. Al-Daher**. 1999. Remediation and Rehabilitation of the Kuwait Oil Lake Beds. *Journal of the Japan Institute of Energy*. Vol. 78. pp 964-970.
20. Motoyuki Asada, M. Iwabuchi, S. Kumamoto, Yutaka Shimizu, M. Sueyososhi, Al-Awadhi, N., M.T. Balba, **R. Al-Daher**. 1999. Remediation and Rehabilitation of the Kuwait Oil Lake Beds. *Environmental Technology for Oil Pollution*. pp 146-152.
21. **Al-Daher, R.**, M.T. Balba, K. Puskas, N. al-Awadhi, T. Al-Surrayai and A. Yateem. 2000. Remediation and Rehabilitation of Ja'aidan Garden. Presented at the International Conference on the Conservation of Biodiversity in the Arid Regions. 27 – 29 March 2000. Kuwait
22. Chino, H., Tsuji, H., Matsubara, T., Al-Awadhi, N., Balba, M., **R. Al-Daher**. 2000. Bioremediation of Oil-Contaminated Soil in Kuwait. Presented at the Fifth International Symposium on Environmental Biotechnology, Kyoto 9-13/7/2000.
23. Al-Awadhi, N., M.T. Balba, **R. Al-Daher**, Chino and H. Tsuji. 2000. Evaluation of Bioremediation Technologies for the Restoration of Oil Polluted Desert Soil in Kuwait. Presented at the Fifth International Symposium on Environmental Biotechnology, Kyoto 9-13/7/2000.
24. F. Taha, A. Yateem, N. Al-Awadhi, M.T. Balba, **R. Al-Daher**, Chino and H. Tsuji. 2000. Utilization of Desert Ornamental Plants for Insitu Phytoremediation of Oil-Contaminated Soil in Kuwait. Presented at the Fifth International Symposium on Environmental Biotechnology, Kyoto 9-13/7/2000.
25. N. Al-Awadhi, **R. Al-Daher**, M.T. Balba, H. Chino, H. Tsuji and T. Matsubara. 2002. Phytotoxicity Assessment of Bioremediated Soil. Proceedings of the Joint KISR – PEC Symposium 'New Technologies for Soil Reclamation and Desert Greenery'. 7 – 9 December, 1998, Kuwait.
26. Yateem, M. T. Balba, A.S. El-Nawawy, **R. Al-Daher** and N. Al-Awadhi. 2002. Using Leguminous Plants to Enhance In-situ Bioremediation. Proceedings of First International Conference on Biotechnology Applications for the Arid Regions. April 2001, Kuwait
27. **R. Al-Daher**, N. Al-Awadhi A. Yateem, M. T. Balba, H. Chino and H. Tsuji. 2002. Remediation and Rehabilitation of Oil Lake Beds in Kuwait: Field-Scale Demonstration. Proceedings of First International Conference on Biotechnology Applications for the Arid Regions. April 2001, Kuwait
28. **R. Al-Daher**, M. Al-Baho, K. Guerinik, Q. Al-Mutawa, T. Al-Surrayai, N. Sharma, A. Al-Rashdan, A. Al-Ali and R. Al-Kandari. 2003. Development of an Elemental Sulfur/ Sulfur-oxidizing Bacteria Amendment Product for Improving Desert Soil Fertility. Proceedings of The Joint State of Kuwait- Japan Symposium in 2003 'Application of New Technologies for Improvement of the Desert Environment'. 26-28, January 2003, Kuwait.
29. **R. Al-Daher**, N. Al-Awadhi, A. Yateem, N. Sharma, M.T. Balba, H. Chino and H. Tsuji. 2003. Application of Different Bioremediation Technologies for the Treatment of Oil-contaminated Soil. Proceedings of The Joint State of Kuwait- Japan Symposium in

2003 'Application of New Technologies for Improvement of the Desert Environment'. 26-28, January 2003, Kuwait.

30. **R. Al-Daher**, M.T. Balba, K. Guerinik, M. Al-Bahou, H. Al-Zalzaleh, H. Al-Mansour, T. Al-Surrayai, A. Yateem, H. Miyamoto, A. Kadota and T. Yorifuji. 2003. Use of Sulfur Amendment in Greenery Projects. Presented at the KISR – Italy Symposium.
31. **R. Al-Daher**, M. Al-Bahou, K. Guerinik, H. Al-Zalzaleh, H. Al-Mansour, T. Al-Surrayai, and A. Yateem. 2004. Production, Evaluation and Implementation of Sulfur amendment Product for Soil Improvement. Proceedings of The Joint Bahrain – Japan Symposium 2004 'Challenges on New Horizon Towards Managing the Global Environment and Water Resources' January 18 – 20, 2004, Kingdom of Bahrain.
32. **R. Daher**, M.T. Balba, A. Yateem, H. Al-Mansour, T. Al-Surrayai, H. Miyamoto, K. Morimitsu and S. Kamata. 1006. Development and Implementation of Sulfur Amendment for the Enhancement of Sustainable Greenery in Kuwait. Presented at "The Third Joint UAE – Japan Symposium", Abu Dhabi, UAE, 28 – 30 January 2006.

REPORTS

1. El-Nawawy, A.S., K. Puskas, **R. Al-Daher**, A. Al-Yateem, A. El-Prince, and B. Khalaf. 1993. Landfarming of Oily Sludge in Kuwait. II. Management of Oily Sludge Landfarming. Final Report. KISR No. 4292.
2. A.S. ElNawawy, A. Yateem, K. Puskas, Z. Baroon, **R. Al-Daher**, M.A. Razzaque, R. Malik, R. Kraynick, T. Abdullah, T. Al-Sabbagh, N. Al-Khozam, T. Al-Muatwa, S. Abbas, M. Al-Taqi, A. Al-Awadhi, A. Dandan, S. Al-Shohdi, S. El-Nakhla, A. Al-Bather, K. Al-Dosary. 1995. Unconventional Items as Animal Feed: Upgrading Studies and Nutritional Evaluation. Final Report. KISR 4738.
3. **Al-Daher, R.**, El-Nawawy, A., Yateem, A., Al-Awadhi, N. 1995. Evaluation of On-Site Bioremediation through a Composting Pile System. Final Report KISR 4625.
4. ElNawawy, A., **R. Al-Daher**, Yateem, A., Al-Awadhi, N. 1995. Bioremediation of Oil-Contaminated Soil in Kuwait by Landfarming Technology. Final Report KISR 4596.
5. Al-Awadhi, N., M.T. Balba, K. Puskas, **R. Al-Daher** and D. Kater. 1995. Remediation and Rehabilitation of Kuwait's Oil Lake Beds – Phase II. Final Report – Year I. KISR 4698.
6. Puskas, K., M.T. Balba, **R. Al-Daher** and F. Abdullah. 1995. Remediation and Rehabilitation of the Ja'aidan Garden. Progress Report No. 1. KISR No. 4691.
7. Al-Awadhi, N., M.T. Balba, K. Puskas, **R. Al-Daher**. 1996. Remediation and Rehabilitation of Kuwait's Oil Lake Beds – Phase II. Final Report –Year II. KISR 4997.
8. Balba, M.T., and **R. Al-Daher**. 1996. Remediation and Rehabilitation of the Ja'aidan

- Garden. Progress Report No. 2. KISR No. 4815.
9. Balba, M.T., and **R. Al-Daher**. 1996. Remediation and Rehabilitation of the Ja'aidan Garden. Progress Report No. 3. KISR No. 4930.
 10. Al-Awadhi, N., M.T. Balba, K. Puskas, **R. Al-Daher**. 1997. Remediation and Rehabilitation of Kuwait's Oil Lake Beds – Phase II. Final Report – Year III. KISR 5195.
 11. Al-Awadhi, N., M.T. Balba, K. Puskas, **R. Al-Daher**. 1998. Remediation and Rehabilitation of Kuwait's Oil Lake Beds – Phase III. Final Report –Year I. KISR 5386.
 12. Balba, M.T., **R. Al-Daher** and K. Puskas. 1999. Remediation and Rehabilitation of the Ja'aidan Garden. Final Report. KISR 5278R.
 13. Guerinik, K., N. Al-Awadhi and **R. Al-Daher**. 1999. Follow-up of the Oil Lake Bed Remediation Efforts. Progress Report No.2. KISR 5859.
 14. Al-Awadhi, N., M.T. Balba, K. Puskas, **R. Al-Daher**. 2000. Remediation and Rehabilitation of Kuwait's Oil Lake Beds – Phase III. Final Report –Year II. KISR 5755.
 15. Al-Awadhi, N., M.T. Balba, K. Puskas, **R. Al-Daher**. 2000. Remediation and Rehabilitation of Kuwait's Oil Lake Beds – Phase III. Final Report –Year III. KISR5996.
 16. Guerinik, K., N. Al-Awadhi and **R. Al-Daher**. 2000. Follow-up of the Oil Lake Bed Remediation Efforts. Progress Report No.3. KISR5771.
 17. Guerinik, K., N. Al-Awadhi and **R. Al-Daher**. 2000. Follow-up of the Oil Lake Bed Remediation Efforts. Progress Report No.4. KISR5997.
 18. Al-Matawah, Q., **R. Al-Daher**, M. AlBahou, T. Al-Surrayai. 2001. Development of an Elemental Sulfur/Sulfur-oxidizing Bacteria Amendment Product for Improving Desert Soil Fertility. Progress Report No. 1. KISR6041.
 19. **Al-Daher, R.**, M. Al-Bahou, K. Guerinik, Q. Al-Matawah and T. Al-Surrayai. 2001. Development of an Elemental Sulfur/Sulfur-oxidizing Bacteria Amendment Product for Improving Desert Soil Fertility. Progress Report No. 2. KISR6156.
 20. Guerinik, K., P. Literathy, N. Al-Awadhi and **R. Al-Daher**. 2001. Follow-up of the Oil Lake Bed Remediation Efforts. Progress Report No.5. KISR6204.
 21. Guerinik, K., N. Al-Awadhi, **R. Al-Daher**, K. Puskas and P. Literathy. 2001. Follow-up of the Oil Lake Bed Remediation Efforts. Progress Report No.6. KISR6335.
 22. H. Al-Zalzaleh, R. Grina, N.R. Bhat, M.K. Suleiman, **R. Al-Daher**, A. Al-Yateem, G. Shabbir. 2001. Assessment and Suitability of Bioremediated Soils for Greenery Landscape Planting. The Ahmadi Bioremediated Soil Park. Progress Report KISR 6113.

23. H. Al-Zalzaleh, R. Grina, N.R. Bhat, M.K. Suleiman, **R. Al-Daher**, A. Al-Yateem, G. Shabbir. 2001. Assessment and Suitability of Bioremediated Soils for Greenery Landscape Planting. The Ahmadi Bioremediated Soil Park. Progress Report KISR 6151.
24. H. Al-Zalzaleh, R. Grina, N.R. Bhat, M.K. Suleiman, **R. Al-Daher**, A. Al-Yateem, G. Shabbir. 2001. Assessment and Suitability of Bioremediated Soils for Greenery Landscape Planting. The Ahmadi Bioremediated Soil Park. Progress Report KISR 6317.
25. H. Al-Zalzaleh, R. Grina, N.R. Bhat, M.K. Suleiman, **R. Al-Daher**, A. Al-Yateem, G. Shabbir. 2002. Assessment and Suitability of Bioremediated Soils for Greenery Landscape Planting. The Ahmadi Bioremediated Soil Park. Final Report KISR 6598.
26. **Al-Daher, R.**, N. Al-Awadhi and K. Guerinik. 2002. Follow-up of the Oil Lake Bed Remediation Efforts. Progress Report No.7. KISR6533.
27. **Al-Daher, R.**, M. Al-Bahou and K. Guerinik. 2003. Development of and Elemental Sulfur/Sulfur-Oxidizing Bacteria Amendment Product for Improving Desert Soil Fertility. Final Report No. KISR 6757.
28. Guerinik, K., **R. Al-Daher**, and N. Al-Awadhi. 2003. Follow-up of the Oil Lake Bed Remediation Efforts. Progress Report No.8. KISR6974.
29. Guerinik, K., N. Al-Awadhi, and **R. Al-Daher**. 2003. Follow-up of the Oil Lake Bed Remediation Efforts. Progress Report No.9. KISR7144
30. K. Guerinik, N. Al-Awadhi and **R. Al-Daher**. 2004. Follow-up of the Oil Lake Bed Remediation Efforts. Final Report. KISR 7275.
31. **Al-Daher, R.**, M. T. Balba, A. Yateem, K. Guerinik, H. Al-Zalzalah, T. Surrayai, H. Al-Mansoor. 2005. Large Scale Production of Soil Sulfur Amendment and its Implementation at the Kuwait National Greenery Plan. Progress Report No. 1. KISR7561.
32. M.T. Balba, A. Yateem, T. Al-Surrayai, B. Al-Mutairi, **R. Al-Daher**. 2006. Isolation and Characterization of Lactic Acid Bacteria and Assessment of their Potential ProBiotics for Fish and Poultry. Final Report KISR No. 8077.
33. **R. Al-Daher**, M. T. Balba, A. Yateem, H. Al-Mansoor, T. Surrayai, B. Al-Mutairi. 2006 Large Scale Production of Soil Sulfur Amendment and its Implementation at the Kuwait National Greenery Plan. Final Report. Volume I & II. KISR No. 8241.
34. T. Al-Surrayai, **R. Al-Daher**, M. T. Balba, Y. Al-Shayji, A. Yateem, B. Al-Mutairi, H. Al-Mansoor and M. T. Balba. 2006. Determination of the Cost Effective Application Rate of Sulfur Amendment on Crops. Final Report KISR No. 8448.

Training Courses:

Course Title	Year
Wastewater Treatment	1983
Biomass Based Fermentation	1985
Basic Statistics	1985
Know Your Organization	1985
CMS	1986
Scientific Report Writing	1986
Quality Control in Chemical Analysis	1986
Microbial Quality Control of Meat, Poultry and Fish	1986
Algal Bacterial System	1986
Scientific Project Requirements	1987
Industrial Wastewater Treat. & Recycl. by Biological Syst.	1987
IBM-PC (DOS)	1987
Identifying Training Needs	1987
Detection, Isolation, Identification of Bacteria	1988
Integrated System for Organic Wastes Utilization	1988
Word Perfect	1991
Harvard Graphics	1994
Lotus 1-2-3 (Windows Version) Introduction	1994
Operational Planning	2004
Project Management	2004
Manufacturing Investment Opportunities in Kuwait	2005
Persistent Organic Pollutants (POPS): Sources Environmental Cycling, Toxicity and Fate	2006
Internet Access and Facilities	2006
Cost Assessment of Environmental Degradation	2006

Trainer On-job Records for Given KISR Employee and Others:

Training Title	Year
Bioremediation of oil contaminated soil (SSTP16) (On-job)	1993
Microbial analysis (On-job)	Dec 1994 – Jan 1995
Soil Bioremediation (On-job)	Dec 1996 – June 1997
Remediation and Rehabilitation of Oil lake beds (SSTP22) (On-job)	June – Aug 1999
Development of an Elemental Sulfur/Sulfur-Oxidizing Bacteria Amendment Product for Improving Desert Soil Fertility (SSTP25) (On-Job)	
Large Scale Production of Soil Sulfur Amendment and its implementation at the Kuwait National Greenery Plan (On-job)	June – Nov 2005
Remediation of oil-contaminated soil (Principle & Application). Instructor & Coordinator (In-house).	Jan 2006
Determination of the Cost Effective Application Rate of Sulfur Amendment of Crops (OJT) (SSTP29)	June – August 2006
Remediation of Oil-contaminated Soil, Groundwater and Sediments. Instructor & Coordinator (In-house).	Dec 2006
Biotechnology Applications (Fermentation) (On-job) (SSTP30)	23/06/2007 – 1/8/2007
Field Demonstration of Sulfur Amendment for the Commercial Production of Agriculture Crops and Fodder Plants in Kuwait (On-job) (SSTP30)	23/6/2007 – 1/8/2007