

**KINGDOM OF SAUDI ARABIA  
KING SAUD UNIVERSITY  
COLLEGE OF AGRICULTURE**

**CURRICULUM VITAE**

Name: Saleh Abdulrahman Al-Suhaibani  
Nationality: Saudi  
Birth Date: April 19, 1950  
Place of Birth: Al-Badaya, Al-Qassim, Saudi Arabia  
Tel.: 4678491, Fax: 4678502, Riyadh  
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Saudi Arabia

**Present Academic Rank:** Professor - Agricultural Engineering Dept. College of Agriculture, King Saud University.

**Specialization:** Farm Power and Machinery Engineering.

**ACADEMIC QUALIFICATION**

- A. Ph.D, Agricultural Engineering - University of Nebraska, U.S.A., July, 9, 1983.  
Title of Thesis:  
"Field performance model for dispersed tract farms".
- B. M.Sc., Agricultural Engineering - University of Nebraska - U.S.A., July, 9, 1978.  
Title of Thesis:  
"Tractor power determined from energy requirement for crop production".
- C. B.Sc., Mechanical Engineering, College of Engineering - King Saud University (1974).  
(Formerly University of Riyadh).

**I. Employment History:**

- 1. Professor- Agricultural Engineering Department, College of Agriculture, King Saud University from Jan. 7, 1996 until now.
- 2. Associate Professor- Agricultural Engineering Department, College of Agriculture, King Saud University from Dec. 30, 1989 to Jan. 6, 1996.
- 3. Assistant Professor, Agricultural Engineering Department, College of Agriculture, King Saud University from July 30, 1983 to Dec. 29, 1989.
- 4. Teaching Assistant, Agricultural Engineering Department, College of Agriculture, King Saud University, from Sep. 14, 1974 to July 29, 1983.

**II. Administrative Assignments:**

- 1. Dean, College of Agriculture, King Saud University, March 7, 1992 - Aug. 27, 1998.
- 2. Vice dean, College of Agriculture, King Saud University, Jan. 21, 1991-March 6, 1992.

3. Head of Agriculture Engineering Department, College of Agriculture, King Saud University, April 8, 1986- May 18, 1991.

### **III. Cooperation and Coordination:**

1. Part-time consultant, ministry of Agriculture, starting 14-9-2000 until now.
2. Cooperating with king Abdulaziz city for science and technology (KACST), Nov. 1985 – Nov. 1988.
3. Coordinator of the collaborative program between King Saud University (College of Agriculture) and Cranfield Institute of Technology (Silsoe College) in the period Feb 15, 1984 to Dec. 31, 1992.

### **IV. Councils and Committees:**

1. Member of the Highest council , King Saud University from July 3, 1992 to Jan. 25, 1994.
2. Member of King Saud University Council from March 7, 1992-Aug. 27, 1998.
3. Member of the scientific council, king Saud University, from 30-12-2001 To 15-11-2005.
4. Member of the Agricultural College Council, King Saud University, from April 8, 1986-Aug. 27, 1998.
5. Head of the Agricultural College Council, King Saud University, from March 7, 1983-Aug. 27, 1998.
6. Member of the Agricultural Engineering Department Council, College of Agriculture, King Saud University, from July 29, 1983 until now.
7. Secretary of Agricultural Engineering Department Council, College of Agriculture, King Saud University, for two academic years, 1984/1985 and 1985/1986.
8. Member of the Council of the Science departments and medical studies for the female students, King Saud University , from Jan. 21, 1991 - May 5, 1992.
9. Chairman of the Agricultural engineering department council April 5, 1986 – may 18, 1991.
10. Member of Agriculture Research Center Council, College of Agriculture, King Saud University, for two academic years of 1983/1984 and 1984/1985.
11. Head of Agricultural Research and Experiment Station Council, College of Agriculture, King Saud University, from March 7, 1992-Aug. 27, 1998.
12. Head of Agricultural research center Council College of Agriculture, King Saud University, from March 7, 1992-Aug. 27, 1998.
13. Head of Agricultural Extension Center Council, College of Agriculture, King Saud University, from March 7, 1992-Aug. 27, 1998.
14. Chairman of the supervising committee of the master of science program in human nutrition, Nov. 7, 1991 – May 5, 1992.
15. Chairman of the Exhibition and information committee of the first Scientific Saudi Symposium on controlled-Environment Agriculture. 25-27/9/1992.
16. Chairman of the organizing committee of the second Saudi symposium on food and nutrition. 7-10/11/1994.
17. Chairman of the organizing committee of the first Saudi symposium for Agricultural sciences, 25-27/3/1997.
18. Chairman and member of the control committee of the final exams several times.
19. Member of the academic supervising committee in the college of agriculture 1985/1986.

20. Member of the academic plan committee in the college of Agriculture 1987/1988.
21. Member of Agricultural Technical Machinery Committee of Saudi Arabian Standards Organization from Jan, 10, 1994-Jan 10, 1995.
22. Member of the subcommittee for planning for symposiums for the occasion of 100 years ceremony for the Kingdom establishment.

#### **Permanent Committees:**

1. Member of consultancy committee for nomination of college and institutes Deans for King Saud Universities from Oct. 27, 2007 until now
2. Head of the consultancy committee for nominating departments heads in the college of the Agriculture from Oct. 19, 2009 – until now.
3. Chairman of the permanent committee to monitor the affairs of King Saud University employee other than faculty members from Oct. 22, 2002 – Oct. 30, 2008.
4. Coordinator of the permanent committee for scientific research and academic and cultural relations in the scientific council, King Saud University from April 14, 2002 – May 29. 2006.

#### **Editorials Boards:**

1. Collaborative editorial board member of Agricultural mechanization in Asia, Africa and Latin America (AMA) since 1998 until now.
2. Member of the editing board of the Saudi society of the Agricultural sciences, 1999 – 2003.

### **Academic Works**

#### **a. Papers published or accepted for Publication in Academic, Specialized and Refereed Periodicals:**

1. Al-Suhaibani, S.A., A. Al-Janobi and A.E. Ghaly. 2010. Determination of Kinetic Parameters of a Super Heavy Chisel Plow under various operating Conditions. American Journal of Applied Sciences. 7(8): 1148-1156.
2. Al-Suhaibani, S.A. and A.E. Ghaly. 2010. Performance Evaluation of a Heavy Duty Chisel Plow at Various Tillage Depth and Forward Speeds. American Journal of Engineering and Applied Sciences. 3(4): 588-596.
3. Al-Suhaibani, S.A. and A.E. Ghaly. 2010. Effect of Plowing depth of Tillage and Forward Speed on the Performance of a Medium Size Chisel Plow Operating in a Sandy Soil. American Journal of Agricultural and Biological Sciences. 5(3): 247-255.
4. Al-Suhaibani, S.A. and A. Al-Janobi and Y.N. Al-Majhadi. 2010. Development and Evaluation of Tractors and Tillage Implements Instrumentation System. American Journal of Engineering and Applied Sciences. 3(2): 363 - 371.
5. Al-Hamed, S.A., S.A. Al-Suhaibani, F.S. Mohammad and M.F. Wahby. 2010. Development of a Comprehensive Program for Predicting Farm Energy. American Journal of Agricultural and Biological Sciences. 5(1): 89 - 101.
6. Wahby, M.F., S.A. Al-Hamed, S.A. Al-Suhaibani and F.S. Mohammad. 2009. Use of Farm residues in Saudi Farms. Journal of the Saudi Society of Agricultural Sciences. 8(2): 69-85.

7. Al-Suhaibani, S.A., S.A. Al-Hamed, M.F. Wahby and F.S. Mohammad. 2008. Energy Use of Field Agricultural Operations. *Misr Journal of Agricultural Engineering*. 25(2): 358-372.
8. Mohammad, F.S., S.A. Al-Hamed, S.A. Al-Suhaibani and M.F. Wahby. 2008. Evaluation of water Pumping and Distribution Energy Use for Irrigation Systems in Saudi Farms. *King Saud University Journal for Agricultural Sciences*. 20(2): 97-115.
9. Wahby M.F. and Saleh A. Al-Suhaibani, 2002. Repair and maintenance cost models for Agricultural Equipment in Saudi Arabia. *Journal of Saudi Society for Agricultural Engineering*, Vol. 1 (2): 90-110.
10. Al-Suhaibani, S.A. and M.F. Wahby, 1999. Repair and Maintenance cost models for seed drills. *Agricultural research center, King Saud University, Res. Bult. No. (84): 5-19. (Arabic).*
11. Al-Suhaibani, S.A. and M.F. Wahby, 1999. Tractor Repair And Maintenance In Saudi Arabia. *Applied Engineering in Agriculture*, Vol. 15 (6): 591-596.
12. Al-Janobi, A. and S.A. Al-Suhaibani, 1998. Draft of primary Tillage Implements in sandy loom soil. *Applied engineering in agriculture*, Vol. 14 (4): 343-348.
13. Al-Suhaibani, S.A. and A. Al-Janobi, 1997. An Instrumentation System for Measuring Field Performance of Agricultural Tractors. *Misr Journal of Ag. Eng. Vol. 13 (3): 516-528.*
14. Al-Janobi A., Saleh A. Al-Suhaibani, Abdulrahman A. Bedri and Ahmed S. Babeir, 1997. A precision Wheel Torque and Weight Transducer for the most common agricultural tractors. *Agricultural mechanization in Asia, Africa and Latin America (AMA)*, Japan 28 (1): 13-17&22.
15. Al-Suhaibani, S.A. and A. Al-Janobi, 1997. Draught Requirement of tillage Implements Operating on Sandy Loam Soil. *Journal of Agriculture Engineering Res*, (66): 177-182.
16. Al-Janobi, A. and S.A. Al-Suhaibani and A. S. Babeir, 1996. Performance of a Three Point Linkage-Implement depth Transducer. *Misr. Journal of Ag. Eng. Vol. 13 (3): 545-557.*
17. Al-Suhaibani S. A. 1996. Multi-Linear repair and maintenance cost models for Tractors in Saudi Arabia. *Journal of King Saud University, Agricultural Sciences*, Vol. 8 (2): 247-259. (Arabic).
18. Al-Janobi A. and Saleh A. Al-Suhaibani, 1995. Setup of a calibration rig in a mobile instrumentation package. *Alexandria Journal of Agricultural research*, Vol. 40 (2): 1-15.
19. Wahby M.F. and Saleh A. Al-Suhaibani, 1995. Repair and Maintenance cost models for combines in Saudi Arabia. *Arab Universities League Journal, Agricultural Sciences*. Vol. 3 (2): 59-69. (Arabic).
20. Al-Suhaibani S.A. and M.F Wahby, 1995. Repair and maintenance cost models for tractors in Saudi Arabia. *Emirates Journal for Agriculture Sciences*. Vol. 7: 193-214. (Arabic).
21. Babeir, A. S. and Saleh A. Al-Suhaibani, 1995. Performance of two grain drills in sandy loam soil when planting wheat crop. *Journal of King Saud University, Agricultural Sciences*, Vol. 7 (1): 155-164. (Arabic).
22. Al-Suhaibani, S.A., A. Bedri , A.S. Babeir and J. Kilgour, 1994. Mobile instrumentation package for monitoring tractor performance. *College of Agriculture, Agricultural. Research Center, Research Bulletin No. 40, 26 pp.*

23. Babeir, A.S., S.A. Al-Suhaibani and A.A. Bedri, 1994. A comparison of three grain combines with respect to wheat harvesting losses. *Journal of King Saud University, Agricultural Sciences*, Vol. 6 (2): 127-138. (Arabic).
24. Wahby M.F. and Saleh A. Al-Suhaibani, 1994. A preliminary Study on Green Houses farms mechanization in Saudi Arabia. *Journal of King Saud University, Agricultural Sciences*, Vol. 6 (1): 39-58. (Arabic).
25. Al-Suhaibani, S. A., 1993. Utilization of Farm Power and Machinery in Wheat Farms in Saudi Arabia. *Arab Universities League Journal*, Vol. 1 (2): 177-188. (Arabic).
26. Wahby, Mohammed F. and Saleh A. Al-Suhaibani, 1993. Farm machinery performance in green-house farms in Saudi Arabia. *Bulletin of Faculty of Agriculture University of Cairo*, Vol. 44 (4): 797-813. (Arabic).
27. Wahby, Mohamed F., Saleh A. Al-Suhaibani, 1993. Energy models for the power source in wheat farms in Saudi Arabia. *Bulletin of Faculty of Agriculture, University of Cairo*, Vol. 44 (3): 515-532. (Arabic).
28. Al-Suhaibani, S.A., A.S. Babeir, M.L.A. Bascombe and J. Kilgour, 1993. The K.S.U. date palm service machine portable bridge units: design and test program. *King Saud University Journal, Agricultural Sciences*. Vol. 5 (2): 127-139.
29. Hummeida M.A. and S.A. Al-Suhaibani, 1992. Agricultural engineering in Saudi Arabia-Saudi agricultural engineers. *Misr Journal of Agricultural Engineering*. Vol. 9 (1): 98-107.
30. Al-Suhaibani, S.A., A.S. Babeir, J. Kilgour and B.S. Blackmore, 1992. Field tests of the K.S.U. date palm machine (1989,1990 seasons). *Journal of Agricultural Engineering Research*, (51): 179-190.
31. Al-Suhaibani, S.A., A.S. Babeir, and J. Kilgour S. Blackmore, 1991. Field tests of the K.S.U. date palm service machine (1989 season). *Arab Gulf Journal of Scientific Research*, Vol. 9 (3): 55-75.
32. Al-Suhaibani, S.A. and M.F. Wahby, 1991. Energy requirements for field operations of wheat production in Saudi Arabia. *Arab Gulf Journal of Scientific Research*, Vol. 9 (1): 27-43. (Arabic).
33. Al-Suhaibani, S.A., A.S. Babeir and J. Kilgour, 1990. Design specification of a date palm service machine. *Agricultural mechanization in Asia, Africa, and Latin America. (AMA)*, Vol. 21(4): 53-60.
34. Al-Suhaibani, S.A., 1990. Mechanization provisions of modern farms in Saudi Arabia. *Journal of King Saud University, Agricultural sciences*, Vol. 2 (2): 161-169.
35. Babeir, A.S., S.A. Al-Suhaibani and A.A. Bedri, 1989. Wheat harvesting losses in some Saudi Arabian farms. *Journal of the College of Agriculture, King Saud University*, Vol. (1,2): 5-13.
36. Al-Suhaibani, S.A. and M. Al-Shenaifi, 1988. Factors considered in selecting tractors by farmers in Qassim region of Saudi Arabia. *Alexandria Journal of Agricultural Research*, Vol. 33 (3): 1-15.
37. Al-Suhaibani, S.A., 1989. Costs of using farm machinery for wheat production in Saudi Arabia. *Bulletin of Faculty of Agriculture, University of Cairo*, Vol. 40 (1): 61-78.
38. Al-Suhaibani, S.A., A.S. Babeir, J. Kilgour and J.C. Flynn, 1988. The design of a date palm service machine. *British Journal of Agricultural Engineering Research*, Vol. (40): 143-157.

**b. Translation**

1. M. F. Wahby, S.A. Al-Suhaibani and Saad Al-Hamed (2002), Farm power and machinery management, Ninth edition. Iowa State University press, Ames, Iowa 50014 – pp363.
2. AL-Suhaibani S.A., M.F. Wahby, A.M. Zein Eldin and A. AL-Janobi (1997). Engineering Principles of Agricultural Machines. By Ajit K. Sri-vastava, Carroll E. Goering and Roger P. Rohrbach, Published by ASAE. 60lp. Translation published by King Saudi University Press. 825p.
3. AL-Suhaibani, S.A. and M.F. Wahby (1995). Farm Machinery Fundamentals by Marshall Finner and Richard Straub. Second edition (Published by American Publishing Company) Translation published by King Saud University Press. 615p.

**c. Unrefreed articles**

1. Wahby, M.F. and S.A. Al-Suhaibani. 1997. Repair and Maintenance Cost Models of Forage Machines. Proceedings of First Saudi Symposium for agricultural Sciences - College of Agriculture, King Saud University, Riyadh 25-27/3/1997. 1: 241-252.
2. AL-Suhaibani, S.A. and M.F. Wahby (1997). Repair and maintenance cost models of seed drill. Proceedings of First Saudi Symposium for agricultural Sciences - College of Agriculture, King Saud University, Riyadh 25-27/3/1997. 1:253-265.
3. AL-Mudimegh, M.F., A.M. Zein Eldin and S.A. AL-Suhaibani (1997). Mechanics of Soil under the Influence of Tillage Tool Models. Proceedings of First Saudi Symposium for agricultural Sciences - College of Agriculture, King Saud University, Riyadh 25-27/3/1997. 1: 287-305.
4. AL-Suhaibani, S.A. 1994. Agricultural Engineering in Saudi Arabia: Institutions and Future tasks. (International summer meeting 1994. Kansas City, Missouri, U.S.A.) ASAE Paper No. 948013. ASAE, St. Joseph, MI, U.S.A.
5. AL-Suhaibani, S.A. and M.F. Wahby (1996). Tractors' Repair and Maintenance Types Classification and associated costs in Saudi Arabia. A case study ASAE Paper No. 961009. ASAE, 2950 Niles, St-Joseph, MI 49085-9659 U.S.A.
6. AL- Suhaibani, S.A. 1994. "The role of the college of Agriculture at King Saud University in Addressing Environmental Issues for Sustainable Agriculture and rural development." Regional Expert Consultation on Strengthening the Role of Agriculture Education and Extension Institutions in Addressing Environmental Issues for Sustainable Agriculture and Rural Development (SARD) in the Near East, RNEA/Cairo, 12-15 December 1994. The organizer: FAO.
7. AL-Suhaibani, S.A. 1995. "Higher Agricultural Education in Saudi Arabia". Expert Consultation on Higher Agricultural Education in the Near East: Its future Role in Sustainable Agriculture and Environment Protection, and its Linkages with research and Extension, 9-11/4/1995 Al-Am, U.A.E. The Organizer: United Arab Emirates - College of Agriculture and FAO.

**d. Extension Bulletins:**

1. Saleh Al-Suhaibani and Jamal Al-Sobki 1989. Calibration and operation of the seed drill. Wheat Bulletin Extension. Agricultural Extension Center, College of Agriculture, King Saud University, pp. 6 9-75.
2. Saleh Al-Suhaibani and Ahmad Babeir 1990. Date palm service machine. Dates and date palm trees Extension Bulletin. Agriculture, King Saud University pp. 119-127.

3. M. F. Wahby and S. Al-Suhaibani (1995). Utilization of Agricultural Machinery in greenhouses. Agricultural Extension Center, College of Agriculture, King Saud University, 12 p.

**Main Research projects:**

- I. Principles investigator in the following research projects:
  1. Studying tractors performance on sandy loam soil 1990 – 1994 (Budget SR 125,000, Source: Agricultural research center).
  2. Tractor instrumentation and Mobil laboratory for machinery test building 1986 – 1992. (Budget SR 600,000, Source: King Saud University).
  3. Design, build and test date palm service machine, 1986 – 1990. (Budget SR 600,000, Source: King Saud University).

**II. Co-author in the following research:**

1. Evaluation of Agricultural engineering in Saudi Arabia and development of a computer program to determine the optimum energy, 2004 – 2006. (Budget SR 550,000, source: King Abdulaziz city for science and technology (KACST)).
2. Designing a semi-automatic date harvesting machine, 2010 – 2011. (Budget SR 750.000. Source: King Abdulaziz city for science and technology (KACST)).