

COMMITTEES AND OFFICES

- 1967 - 1972 Drainage Research Committee (SW-231) - ASAE (Vice Chairman 1969-1970)
- 1967 - 1972 Ground Water Committee (SW-216) - ASAE
- 1968 - Publicity Committee - North Carolina Section of ASAE (Chairman)
- 1969 - Radiation Protection Council - NCSU
- 1969 - Engineering Extension Committee - NCSU
- 1970 - 1972 Committee on Education and Research in Land-Water Relationships - UCOWR (Secretary) (Chairman)
- 1970 - SALS Animal Waste Management Committee (Chairman)
- 1970 - Publications Committee, Irrigation and Drainage Division, ASCE (Control Member)
- 1970 - Editor, Soil and Water Division, ASAE
- 1970 - 1972 Chairman, Soil and Water Division, Southeast Region American Society of Agricultural Engineers
- 1971 Missions Committee, Departmental Self-Study Program (Chairman)
- 1971 Gadget Show Committee
- 1971 - Publication Policies and Finances Committee (A-510) - ASAE (Secretary)
- 1971 - Policies Subcommittee (A-510/2) - ASAE
- 1971 - Paper Screening Coordination Subcommittee (A-510/3) - ASAE (Secretary)
- 1971 - Publications Review Committee (SW-05) - ASAE (Chairman)
- 1972 - State Task Force on Rural Environment
- 1972 Pesticide Training Program
- 1972 Departmental Drafting Services Committee (Chairman)
- 1972 - National Resources, Extension Commodity Coordinating Committee (Chairman)
- 1972 - Soybeans, Extension Commodity Coordinating Committee (Chairman)
- 1972 - Beef, Extension Commodity Coordinating Committee
- 1972 - Aquaculture, Extension Commodity Coordinating Committee
- 1972 - 4-H Environmental Education Committee
- 1972 - Legislative Research Commission Subcommittee on Animal Waste Control

- 1972 - Publications Committee Technical Council on Water Resources Planning and Management - ASCE (Control Member)
- 1972 Agricultural Chemicals Manual Committee, SALS
- 1972 Research Task Force - Environmental Protection and Minimization of Pollution
- 1972 Editorial Committee for "Agricultural Chemicals Manual", SALS
- 1972 Task Force Work Group on Animal Waste Management - State Task Force on Rural Environment (Chairman)

PAPERS PRESENTED

1. "Application of Monte Carlo Methods to Soil Water Movement" with S. F. Shih at the 64th Annual Meeting of the American Society of Agricultural Engineers, Pullman, Washington, June 27-30, 1971.
2. "Potential Groundwater Pollution by Agriculture" with J. W. D. Robbins at the Ground Water Pollution Conference, St. Louis, Missouri. October 16-17, 1971.
3. "Land Forming Design by Linear Programming" with R. S. Sowell and S. F. Shih at the 1971 Winter Meeting of the American Society of Agricultural Engineers, Chicago, Illinois. December 7-10, 1971.
4. "Computerized Land Forming Design for an Irregular Shaped Field" with S. F. Shih at the Winter Meeting of the American Society of Agricultural Engineers, Chicago, Illinois, December 7-10, 1971.
5. "Water Movement in a Field Soil During Drainage and Subirrigation" with R. W. Skaggs at the Winter Meeting of the American Society of Agricultural Engineers, Chicago, Illinois, December 7-10, 1971.
6. "Effects of Agricultural Practices on Aquifers" at the Winter Meeting of the American Society of Agricultural Engineers, Chicago, Illinois, December 7-10, 1971.
7. "Irrigation through Subsurface Drains" with R. W. Skaggs and R. Bernal at the ASCE National Water Resources Engineering Meeting, Atlanta, Georgia, January 24-28, 1972.
8. "Physical Effects of Maintenance on Drainage Channels in the Coastal Area of North Carolina" with W. R. Swicegood at the Southeast Region American Society of Agricultural Engineers Meeting, Richmond, Virginia, February 13-16, 1972.
9. "Water Table Control and Subsurface Irrigation" with R. W. Skaggs at the Southeast Region American Society of Agricultural Engineers Meeting, Richmond, Virginia, February 13-16, 1972.

TALKS PRESENTED

1. "Land Forming" at the Soil Conservation Society Research Committee Tour in Sampson County, July 28, 1971.
2. "Water Management" at the Short Course in Modern Farming, Raleigh, N. C. February 10, 1972.
3. "Swine Waste Management Systems" at the Beaufort County Pork Producers Meeting, February 28, 1972.
4. "Animal Waste Management Systems" at the Wayne County Beef, Swine, Dairy and Poultry Producers Meeting, Goldsboro, N. C., March 13, 1972.
5. "Animal Waste Management Systems" at the PADA Animal Waste Seminar, Charlotte, N. C., March 14, 1972.
6. "Dairy Waste Disposal Systems" at the Western Dairy Conference, Fletcher, N. C., March 22, 1972.
7. "Dairy Waste Management Systems" at the United Dairies Meeting, Greensboro, N. C., March 25, 1972.
8. "Agricultural Wastes" at the Annual Meeting of the Northeastern District Extension Homemakers Association, Sunbury, N. C., April 18, 1972.
9. "Water Pollutants" at the Annual Meeting of the East Central District Extension Homemakers Association, Greenville, N. C. April 20, 1972.
10. "Animal Waste Management Systems" at the Pitt County Livestock and Poultry Producers Meeting, Greenville, N. C. April 20, 1972.
11. "Ecology and Environment" at the Teen Retreat, Elkin Guard Armory, Elkin, N. C. July 28, 1972.
12. "Farm Safety" at the Kiwanis Meeting, Statesville, N. C., July 28, 1972.
13. "Animal Waste Management - Research, Regulations and Rhetoric" at the Feeder Cattle Field Day, Shelby, N. C. August 29, 1972.

RADIO AND T.V.

1. North Carolina Water Management Field Days, WRAL-TV, August 24, 1971.
2. Environmental Control, WPTF, May 11, 1972.
3. Animal Waste Management, WPTF, June 26, 1972.

PUBLICATIONS

1. Kriz, George J. Drain tiles can also be used to irrigate. *Crops and Soils Magazine* 26(6):22-23, 1971.
2. Kriz, G. J. Management of water is field day theme. *Southeast Farm Weekly* III(33) August 19, 1971.
3. Shih, Sun-Fu and George J. Kriz. Computer program for land forming design of a rectangular field. No. Carolina Agr. Exp. Sta. Tech. Bul. No. 205. 60 pp. October 1971.
4. Kriz, George J. Drain and irrigate with the same system. *World Farming* 13(11):30, November 1971.
5. Kriz, George J. Landforming reduces risks from too much or too little moisture. *Southeast Farm Weekly* 3(48):8, December 23, 1971.
6. Robbins, J. W. D., G. J. Kriz and D. H. Howells. Quality of effluent from animal production sites. *Proceedings of the International Symposium on Livestock Waste*. pp. 166-169, 173. 1971.
7. Ariail, J. D., F. J. Humenik and G. J. Kriz. BOD analysis of swine waste as affected by feed additives. *Proceedings of the International Symposium on Livestock Waste*. pp. 180-182, 189. 1971.
8. Shih, Sun-Fu and George J. Kriz. Comparison of types and methods of land forming designs. *Transactions of the ASAE* 14(5):990-994. 1971.
9. Kriz, George J. Surface drainage - the key to good water management. *Crops and Soils Magazine* 24(6):8, 1972.
10. Shih, Sun-Fu and George J. Kriz. Symmetrical residuals method for land forming design. *Transactions of the ASAE* 14(6):1195-1200, 1971.
11. Robbins, J. W. D., D. H. Howells and George J. Kriz. Role of animal wastes in agricultural land runoff. *Water Pollution Control Research Series #13020 DCX*. U. S. Environmental Protection Agency. 114 pp. August 1971.
12. Kriz, George J. Analog modeling to determine fresh water availability on the Outer Banks of North Carolina. *Water Resources Research Institute of the University of North Carolina Report No. 64*. 88 pp. April 1972.
13. Robbins, J. W. D., George J. Kriz and D. H. Howells. Total organic carbon determination on swine waste effluents. *Transactions of the ASAE* 15:105-109. 1972.
14. Skaggs, R. W. and G. J. Kriz. Water table control and subsurface irrigation in mineral and high organic coastal plain soils. *Water Resources Research Institute of the University of North Carolina Report No. 67*. 63 pp. May 1972.
15. Kriz, George J., Jackie W. D. Robbins and David H. Howells. Pollution potential of land spread farm animal wastes. *Proceedings Soil Science Society of North Carolina*. 14:55-67. 1971.

MEETINGS ATTENDED

1. Soil and Water Conservation District Research Committee Tour, July 28, 1971
2. Southern Regional Extension Agricultural Engineers Workshop, New Orleans, Louisiana, October 19-21, 1971
3. North Carolina State Section of American Society of Agricultural Engineers, Raleigh, N. C., October 29, 1971
4. Winter Meeting of American Society of Agricultural Engineers, Chicago, Illinois, December 7-10, 1971
5. Virginia Materials Handling Exposition, January 18-19, 1972
6. Soybean Workshop, Raleigh, N. C., January 25, 1972
7. Sediment Workshop, Raleigh, N. C., February 10, 1972
8. Area Rural Development Committee Meetings, Burlington, N. C., February 3, 1972; Fayetteville, N. C., February 8, 1972; Williamston, N. C., February 16-17, 1972
9. Southeast Region American Society of Agricultural Engineers' Meeting, Richmond, Virginia, February 14-15, 1972
10. Solid Waste Workshop. EPA - Air Pollution Control Center. April 25, 1972
11. North Carolina State Section of American Society of Agricultural Engineers, Raleigh, N. C. May 17-18, 1972

HONORS AND AWARDS

1. Honorable Mention, 1972 ASAE Paper Awards for "Comparison of Types and Methods of Land Forming Designs"

OTHER

11. Consultant to I C I America, Inc., October 11-12, 1971
12. Guest Lecturer on Extension and Soil and Water Conservation to BAE 251 Class, October 26, 1971
13. State Proctor for NWWA Well Drillers' Certification Examination, November 19, 1971
14. Consultant to I C I America, Inc., December 1971 - January 1972