

TIMOTHY K. CANNON

SUMMARY OF QUALIFICATIONS

Mr. Cannon has over thirty years of professional experience in forest land management, soils, environmental amelioration, and research. He has served as project manager for the mapping and environmental amelioration of the Tennessee-Tombigbee Waterway Project for the Corps of Engineers, has served as a research scientist for Mississippi State University and Auburn University in soils and vegetative mapping and response.

Mr. Cannon has been a project leader for the United States Agency for International Development, under contract to the Department of State, and has been involved in technology transfers for AID in Nepal, Costa Rica, Honduras, Philippines, Mali, Guatemala, and San Salvador. As a private consultant, he has performed environmental impact statements for private and state entities.

Mr. Cannon served for five years as a member of the Oklahoma State Forester's staff where he was responsible for new business startups and business expansion assistance in wood products. His record there included over 5 million dollars per year in new and expanded businesses, most involving new technology transfer and new product development and market introduction.

Mr. Cannon has taught most recently at Oklahoma State University in Forest Products and Wood Science. As owner of Cross Timbers Forestry, Mr. Cannon has led timber and tree inventory teams for City of Oklahoma City Water and Wastewater Utilities Trust, and has a multi-year contract to manage their watersheds. Mr. Cannon has served as an expert witness in tree condition for BancFirst, Oklahoma Natural Gas, Raytheon Corp, and others, and has performed many urban tree inventories and management plans for cities such as Seminole, Norman, Muskogee, Atoka, Edmond, Davis, Seminole, and Guthrie, Oklahoma.

EDUCATION

University of Northern Arizona
Bachelors of Science in Forestry, Forest Land Management 1972

Mississippi State University
Masters of Forestry, Forest Land Management / Soils 1975

PROFESSIONAL QUALIFICATIONS AND CERTIFICATIONS

Society of American Foresters Certified Forester

Registered Forester
State of Oklahoma, No. 164

Registered Forester
State of Arkansas, No. 686

Past Director, Oklahoma Forestry Association
Past Director and Founder, Oklahoma Redcedar Association

Certified Forest Stewardship Planner, State of Oklahoma, U.S. Forest Service

EXPERIENCE

Owner, Cross Timbers Forestry for twelve years, a land management consulting firm with clients that include City of Oklahoma City, Oklahoma State Division of Forestry, Oklahoma Forestry Association; Best Management Practices implementation project, and private landowners among others. Specialties are in producing forest land management plans and forest soil description, forest mapping, amelioration of soil erosion, forest and tree inventories, tree health, and reforestation planning.

Visiting Professor, Oklahoma State University, 1996-1997, Dept. of Forestry. Taught upper level course in Forest Products and Wood Science.

Served five years as Utilization Forester, State of Oklahoma, State Forester's Staff, responsible for wood product business assistance, including business expansions, new business startups, new technology transfer, and market analysis.

Five years as Senior Research Scientist, Resources Development Associates, Palo Alto, CA. Under contract to Department of State, Agency for International Development, managed projects including reforestation, and technology transfer for land and soils mapping in Central America, Asia, and Africa.

Research Scientist for three years, University of Auburn, was project leader for 13 state soil and forest mapping project, resulting in the first multi-state map of forest soils using satellite imagery as a major contributor.

Research Scientist for four years, Mississippi State University, assistant project leader, Tennessee Tombigbee Waterway Environmental Impact Survey. Lead the soils and vegetative mapping project for the environmental survey that established the amelioration guides for the Corps of Engineers for large projects.

PUBLICATIONS

Cannon, T.K., R. Ellefsen, K. Craib, J. Crespo, 1978. The application of remote sensing techniques to forest vegetation surveys in tropical areas and urban fringe land use problems in Costa Rica. Proceedings from Twelfth International Symposium on Remote Sensing of the Environment, Manila, Philippines. Environmental Research Institute of Michigan.

Cannon, T.K., R. Ellefsen, K. Craib, S. Sader, 1978. The utility, cost, and effectiveness of remote sensing for forest and urban sector assessment in Costa Rica. Report to U. S. Agency for International Development, Washington, D.C., Contract AID/afr-C-1135, Resources Development Associates.

Miller, W. Frank, F.D. Whistler, H.R. Robinette, D. Finnie, and T. K. Cannon, 1979. The use of hand-held 35 mm color infrared imagery for estimates of suspended solids. Proceedings of the Fourth Annual Remote Sensing of Earth Resources Conference, The University of Tennessee Space Institute, Tullahoma, Tennessee, Vol. 4.

Hodgkins, E., T. K. Cannon, and W.F. Miller, 1977. Forest Habitat Map, States of Alabama and Mississippi. Alabama Agricultural Experiment Station, Auburn, Al.

Cannon, T.K., and W.F. Miller, 1974. The delineations of forest habitat with remotely sensed data. Proceedings of the Third Annual Remote Sensing of Earth Resources Conference, University of Tennessee Space Institute, Tullhoma, Tennessee, Vol.3.

Whistler, F.D., J.D. Young, T.K. Cannon, W.F. Miller, D.N. Finnie, H.R. Robinette, 1974. The aerial surveillance of water quality and suspended sediments. 1974 Annual Meeting of the American Society of Agronomy, Crop Science of America, and Soil Science Society of America, Madison Wisconsin.

Miller, W. Frank, D. Arner, J. L. Wolf, R. Altig, J.E. Watson, and T.K. Canon, 1973. An ecological study of the Tennessee-Tombigbee Waterway. Report to Mobile District Corps of Engineers, The Institute for Environmental Studies, Mississippi State University, Mississippi.

Cannon, T.K., 1973. Ecological Study of the Tennessee-Tombigbee Waterway with Remote Sensing, University of Southern Mississippi, Hattiesburg Mississippi.

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Cross Timbers Forestry is a consulting firm specializing in natural resource development and information management. Our fields of expertise include forest land management, soils, geology, hydrology, urban forestry, and geographic information systems. Cross Timbers Forestry conducts timber inventories and develops forest management plans for land owners to develop their forested lands to maximize water quality, wildlife habitat, and realize their timber values. We provide appraisals for timber value for sales, and assist in marketing timber including preparation and evaluation of bids, as well as the monitoring of actual timber harvest to protect land values. We also evaluate and appraise damage to timber and trees by oil and gas development, seismic testing crews, and serve as an expert witness in court.

Cross Timbers Forestry is very active in urban forest planning, including tree inventories, and education. Our state-of-the-art GIS (geographical information system), ArcView, allows us to map community forests and attach their description, size, and health status in an interactive electronic format. Cross Timbers has GPS (global positioning satellite system) and large format digitizing capabilities. Our clients include many cities for urban tree inventory and mapping, including Oklahoma City, Moore, Del City, Midwest City, Guthrie, and Muskogee. We also assist in preparation of master plans and work plans for community forests.

Cross Timbers is a state leader in Best Management Practices for Forestry. Our company has developed much of the background materials for the implementation of BMP's in the State of Oklahoma. We provide watershed research and rehabilitation for large and small watersheds. Currently we serve as Oklahoma City's watershed management consultants, designing and overseeing timber harvests at Lake Atoka and advising on turbidity problems in their lakes. We also are currently designing the rehabilitation efforts for Lake Stanley Draper's watershed by closing poorly built roads and re-vegetating areas in the lake's watershed.

Cross Timbers Forestry's client list includes: The Oklahoma Forestry Services, for Stewardship Management Plans including land and tree planning, tree inventories, recreational design, land management totaling over 50 plans to date; The City of Oklahoma City, Water & Wastewater Utilities Trust, for tree inventories of over 5000 acres, recreational planning for Lakes Atoka and Stanley Draper, and land management on over 30,000 acres of city owned lands; Citizen Potawatomi Nation for land and ownership inventory, interactive database establishment, and mapping; US Environmental Protection Agency, Best Management Practices, for program design and development, and education; the City of Muskogee and the City of Guthrie, Park Tree Inventory and Tree Care Education, over 100 individual landowners, for inventories, recreational design, with ownerships ranging from 20 acres to over 5000 acres.