

Integrated Pest Management on Army Installations



The ability to safely control pests and prevent damage or injury to people, equipment, buildings, or landscaping is the premise of Integrated Pest Management. Not only is this a good practice for human health and the environment, for Federal Agencies it is a legal requirement. With our cooperative agreement with Army Environmental Command, we provide technical oversight to the Army's pest management program.



The scope of this technical oversight is enormous, both in its geographical scope and the variety of facilities requiring pest management services. For the Army, this includes 107 installations, 796 million square feet of buildings, 133 airfields, over 15 million acres of land, 2,981 miles of railroad bed, more than 124,000 family housing units, and 152 child development centers.

To assist Army pest management, TCAT provides guidance and verification on the safe and desired use of all pesticides. This includes product review, selection, and verification of both Federal-EPA and State registration. We assist with and provide expert advice on invasive species control, pest problems on golf courses and buildings, and best management practices as it relates to the storage and use of pesticides.



Another unique aspect of the work we do focuses on training. This training, again directed to U.S. Army Civilians and Soldiers, is geared toward the safe, effective and least costly means to control all pests: plants, insects and vertebrates.

The size and scope of this work is world-wide, multidimensional, and assists in bridging the gap between technical expertise, real-world experience, and the depth of knowledge to provide class room instruction.

TEXAS CENTER FOR APPLIED TECHNOLOGY

There are many problems that require the careful and proper integration of applied technologies to find solutions. The Texas Center for Applied Technology (TCAT) was created to focus on these specific problems and to develop effective and efficient solutions. TCAT's core competency is the innovative application of existing technologies and advanced research to solve complex real-world problems.

TCAT's primary objective is to apply and test technologies to address targeted problems and engage basic research as required. TCAT has employees in a variety of locations with the ability to perform research that cuts across multiple technologies, disciplines, and cultures. The Center's employees are knowledgeable regarding customers' requirements and are ready to respond effectively to provide the best value for the customers' needs including expertise in technology insertion, technology assessments, and test and evaluation.

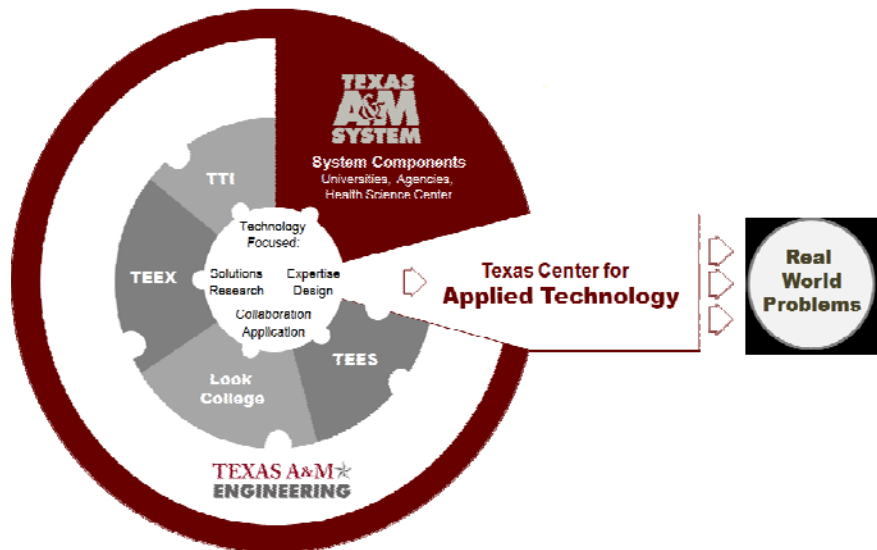
TCAT is part of the Texas A&M Engineering Experiment Station (TEES), a member of The Texas A&M University System. The A&M System is one of the largest and most comprehensive systems of higher education in the United States. Through a statewide network of eleven university campuses, seven state agencies, and a comprehensive health science center, the A&M System educates more than 120,000 students on its university campuses, conducts more than \$780 million in research, and reaches another 22 million people through service each year. TEES is an engineering research agency for the state of Texas and conducts over \$147 million in research annually. Because of the Center's position within the Texas A&M Engineering program, TCAT's expertise can easily be extended by rounding out its team with world class faculty researchers, as appropriate. TCAT is in an excellent position for collaboration not only with The Texas A&M University System components and their customers but with other universities, institutions, centers, and industry.

TCAT'S CORE COMPETENCIES

Energy Sustainability ★ Environmental Sustainability
Manufacturing & Systems Engineering ★ Information Technology ★ Modeling & Simulation
Technology Insertion ★ Test & Evaluation

TEXAS A&M ENGINEERING

Texas A&M Engineering consists of the Dwight Look College of Engineering, and three engineering agencies, including TEES: Texas A&M Transportation Institute (TTI) conducts research and professional education in all modes of transportation. The Texas A&M Engineering Extension Service (TEEX) works to develop a highly skilled and educated workforce and enhances public safety through training, continuing education, and technical assistance.



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