Office of the Assistant Chief of Staff for Installation Management

The Army’s Technology Demonstration Program

Kelly M. Dilks
OACSIM
Operations Directorate
### Report Documentation Page

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Purpose

- To provide information regarding the Technology Standards Group (TSG) activities
Technology Standards Group
Organizational Members

• Office of the Assistant Chief of Staff for Installation Management (OACSIM) Lead
• Installation Management Command (IMCOM)
• HQ US Army Corps of Engineers (HQUSACE)
• US Army Engineer Research and Development Center (ERDC) – USACE Research Component
• DASA IE&E – Energy Representative
Technology Standards Group

• Is Responsible For:
  – “Quick hit” technology evaluations
    • Permafrost HVAC additive
    • Cool roof technical
    • Fibrebond construction method
    • Fitch boiler fuel additive
    • Synthetic turf
    • Roundabouts for traffic control
  – Background information for leadership
  – Lean Six Sigma evaluations
    • (PEX) Cross-Linked Polyethylene - 40% less expensive than copper
    • Low temperature concrete – Admixture 1/3 the cost of conventional
    • Mold abatement – 57% additional net present value savings
    • Thermoplastic bridge – diverts 85,000 lbs from landfill, 10-15 yrs maintenance free
    • DREPS – payback of 3.7 years, sustainable, lower carbon footprint
  – Management of the Installation Technology Transition Program
The Army Technology Standards Program provides a systematic process for the evaluation and implementation of technological innovation in support of the Army’s installation management mission. The overall objective of this program is to achieve efficient facility management through the planning, programming, design, construction, operation and maintenance of Army facilities.

- Define Army Standards applicable to construction, renovation, and maintenance of facilities.
- Minimize overall time and cost for the planning, design, construction, operations and maintenance.
- Address changing functional, regulatory and policy requirements, as well as lessons learned and technological advances in materials, equipment, systems, and methods.
- Assist the Installation Management Command (IMCOM) and landholding Commands in provision of consistent standards and quality.
- Provide mechanisms for the receipt, evaluation, and implementation of new and proven technologies and proposals to improve the facility management of Army installations.
Installation Technology Transition Program (ITTP)

• Program of the Technology Standards Group
• Focus on demonstration/validation of technological solutions to identified installation requirements
• Requires execution of projects for data collection and validation of concepts
What the ITTP Does

- The Installation Technology Transition Program was directed by the then DASA (I&H) in 2006. Its goal is to demonstrate and validate new technologies.
- The ITTP is the link between RDTE work funded by ASA(ALT) and the installations.
- Supports EO 13423, E.O. 13514; MILCON Transformation, Sustainable Design & Development, and the BOS & SRM programs.
- The ITTP also serves as the system whereby the ACSIM’s input to and participation in the TRADOC Force Operations Capabilities process is transitioned to the warfighter.
How You Can Get Involved

• Request Access to the Army Technology Standards Group site on AKO
• Submit Technical Evaluation Suggestions
• Participate in Yearly ITTP Project Call
• Email philip.r.columbus@us.army.mil or kelly.m.dilks@conus.army.mil
The Army Technology Standards Group (TSG) is dedicated and determined to learn more about new technologies. The TSG has examined multiple technologies and are continually searching for more. This includes what interests the DOD and the Army installation community. Below are internal hyperlinks to a variety of opportunities for the Army community to learn what the TSG has examined, where to search for new technologies, and how to get involved.

TSG Technology page includes:
- Site links to new technologies across the web
- Discussion forum about specific technologies
- Request form for the TSG to review a new technology

Emerging Technologies that the TSG has evaluated:
- Daylighting
- Photoluminescent exit Sign
- LED Traffic Light
- Waterless Urinals
- Cool Roofs
- Synthetic Turf
Technology Evaluation Request

New Technology Evaluation Request Form

Please fill out the required information if you have a new technology that you would like the Technology Standards Group (TSG) to review. Based on the information a TSG member could contact you for more information. Thank you for your participation.

Start Survey

This survey may be taken more than once.

Show Results

Discussion Topics

New Technology Help Area (Groups Army Technology Standards Group)

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Discussion Topics

Topic: Help on New Technology

Last Message

13 Sep 2010 15:15 GMT

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Questions?