

**1. Name**

Steven D. Hart

**2. Education – degree, discipline, institution, year**

- Ph.D., Civil Engineering, Kansas State University, Manhattan KS, 2008
- M.E., Civil Engineering, Virginia Tech, Blacksburg, VA 1998
- B.S., Civil Engineering, United States Military Academy, West Point, NY, 1988

**3. Academic experience – institution, rank, title, when, full time or part time**

- Virginia Military Institute (VMI), Instructor, 2014-Present, full time
- US Military Academy (West Point), Assistant/Associate Professor, 2008 – 2014, full time
- US Military Academy (West Point), Instructor/Assistant Professor, 1998 – 2001, full time

**4. Non-academic experience – company or entity, title, brief description of position, when, full time or part time**

- Hart Engineering, LLC, Engineering consulting for engineering education, infrastructure resilience, and agricultural engineering, part time, 2014-present
- Hart Burn Farm, small, local farm operations, 2014-present
- US Army, engineer officer, various construction, leadership, staff, and command positions 1988-2014, Full time.

**5. Certifications or professional registrations**

- Professional Engineer, Virginia, No. 0402024390, 1993
- Engineer in Training, New York, 1988

**6. Current membership in professional organizations**

- American Society of Civil Engineers (ASCE), Member
- Society of American Military Engineers, Member

**7. Honors and awards**

- Apgar Award for Teaching Excellence, West Point, 2010
- Gerald R. Seeley Award, ASEE, 2010
- Jared Mansfield Award for Teaching Excellence, 2000

**8. Service activities**

- Co-PI, Center for Infrastructure Transformation and Education, 2014 to present
- Manuscript Technical Reviewer, ASCE Journal of Professional Issues, 2016 to present
- Chairman, Rockbridge Regional Fair and Exposition, 2016 to present
- Advisory Board, Rockbridge County High School, 21<sup>st</sup> Century Ag Pathways Program, 2018-present

**9. Publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation**

Hart, S.D, Klosky, L., Katalenich, S., Spittka, B., and Wright, E. 2014. ERDC/CERL TR-14-14 Infrastructure and the Operational Art. US Army Engineer Research and Development Center, Vicksburg MS.

Spittka, B., Wright, E., Hart, S., and Hansen, E. 2014. Goethals' Infrastructure Challenge Part 2: The Challenge Begins. Proceedings of the 2014 Annual Conference of the American Society for Engineer Education (ASEE), Indianapolis, IN. Miller, E.,

St. Leger, A., and Hart, S. 2014. "Automated Data Acquisition System for Operational Energy Analysis." 2014 IEEE Power and Energy Society General Meeting. Hart, S. (editor), 2014. "Special Issue: Perspectives on Full Spectrum Resilience." International Journal of Critical Infrastructures, Volume 10, Number 1.

Hart, S. 2013. "A Practical Guide to Designing Resilient Civil Infrastructure." The CIP Report, Volume 12, Number 6.

Hart, S. and Klosky J.L. 2013. "Infrastructure—A Liberal Art for the 21<sup>st</sup> Century." The CIP Report, Volume 12, Number 5.

Hart, S., Shockley, J., Ellis, L., and Spittka, B. 2013. "The Goethals Infrastructure Challenge: A Proposal for a New Student Competition." Proceedings of the 2013 Annual Conference of the American Society for Engineer Education (ASEE), Atlanta, GA.

Hart, S., Klosky, L., and Katalenich, S. 2013 "Conceptual Models for Infrastructure Leadership" Journal of Management in Engineering, American Society of Civil Engineers, May 15, 2013.

Hart, S. and Boone, W. 2013. "Full Spectrum Resilience." Homeland Security Review. Volume 7, No. 1, Winter, 2013.

Hart, S. (editor). 2013. "Proceedings from The Third Annual Critical Infrastructure Symposium." Homeland Security Review. Volume 7, No. 1, Winter, 2013.

**10. Most recent professional development activities**

- Organizer and Speaker, Service to Stewardship Conference, 2017
- Speaker, Joint Engineer Training Conference 2016