

PUBLICATIONS & PRESENTATIONS

L. P. Lewis, J. R. Hummel, and I. Martinez-Moyano, "Rule of Law in Resiliency," The CIP Report, Vol 14, No 6, George Mason University, January 2015.

J. R. Hummel, L. P. Lewis, and I. Martinez-Moyano, "Incorporating the Rule of Law in Resiliency Analyses, INFORMS Annual Meeting, San Francisco, CA, November 2014.

J. R. Hummel and D. W. Blake, "Factoring Climate Change and Extreme Weather Events into National Security Analyses", Phalanx, Vol. 47, No. 2, pp 40-45, June 2014.

J. R. Hummel, L. P. Lewis, and I. Martinez-Moyano, "Methodologies for Assessing and Modeling the Rule of Law", 81st Military Operations Research Society Symposium, Alexandria, VA, June 2014.

J. H. Christiansen and J. R. Hummel, "Human Landscapes: A Critical Component in Integrated, Complex Analyses", 81st Military Operations Research Society Symposium, Alexandria, VA, June 2014.

J. R., "Report of the Workshop on Analytical Support for Societal and Regional Resiliency in Support of National Security," 81st Military Operations Research Society Symposium, Alexandria, VA, June 2014.

J. R. Hummel, "Summary of the Workshop on Analytical Support for Societal and Regional Resiliency in Support of National Security", Phalanx, Vol. 46, No. 4, pp 9-15, December 2013.

J. R. Hummel and D. W. Blake, "Factoring Climate Change and Extreme Weather Events into National Security," 81st Military Operations Research Society Symposium, Alexandria, VA, June 2013.

J. R. Hummel, L. P. Lewis, and J. H. Christiansen, Modeling Societal Resiliency: Interconnections Between Social, Physical, and Uncontrollable Factors," 81st Military Operations Research Society Symposium, Alexandria, VA, June 2013.

J. R. Hummel and L. P. Lewis, "Using Social Media to Support Operational Situational Awareness Analyses," 80th Military Operations Research Society Symposium, US Air Force Academy, Colorado Springs, CO, June 2012.

J. R. Hummel, L. P. Lewis, J. H. Christiansen, A. Stormer, and J. Wambach, "Developing an Analysis Framework for Resilient Communities in Support of Enduring Outcomes," 79th Military Operations Research Society Symposium, Naval Postgraduate School, Monterey, CA, June 2011.

J. R. Hummel and G. J. Born, "Modeling and Simulation Verification, Validation, and Accreditation Support for the Joint Strike Fighter Program," 79th Military Operations Research Society Symposium, Naval Postgraduate School, Monterey, CA, June 2011.

W. Metz, J.R. Hummel, J. H. Christiansen, and E. Tanzman, "Using Measures of State Fragility to Support Operational Assessments and Planning," 78th Military Operations Research Society Symposium, US Marine Corps Combat Development Center, Quantico, VA, June 2010.

J. R. Hummel and D.W. Blake, "At the Intersection Between Culture and the Physical environment – Caught Between a Mosque and a Hard Place!" 78th Military Operations Research Society Symposium, US Marine Corps Combat Development Center, Quantico, VA, June 2010.

J. R. Hummel, "The Importance of Conceptual Modeling in Integrated Models of Human, Social, Cultural, and Behavioral Modeling," 77th Military Operations Research Society Symposium, Lewis and Clark Center, Ft. Leavenworth KS, June 2009.

J. R. Hummel and D. W. Blake, "Analyzing the National Security Implications of Climate Change," 77th Military Operations Research Society Symposium, Lewis and Clark Center, Ft. Leavenworth KS, June 2009.

J. R. Hummel, J. H. Christiansen, M. A. Altaweel, and D. Blachowicz, "Complex Adaptive System Comparative Analysis Dynamic Environment for Emerging Societies," 76th Military Operations Research Society Symposium, Coast Guard Academy, New London, CT, June 2008.

J. R. Hummel and A. L. Winiecki, "An Overview of the Joint Munitions Planning System," 73rd Military Operations Research Society Symposium, USA Military Academy, West Point, NY, June 2005.

J. R. Hummel, A. L. Winiecki, R. S. Filer, and A. R. Harris, "Development of the Joint Munitions Planning System – A Planning Tool for the Ammunition Community," Logistics Spectrum, 38, No 4., pp 11-14, Oct-Dec 2004.

D. W. Blake and J. R. Hummel, "Establishing Human Performance (Decision Making) and Natural Environment Consistency Across Integrated Naval Simulations," 72nd Military Operations Research Society Symposium, Naval Postgraduate School, Monterey, CA, June 2004. (Barchi Prize nomination for overall best paper.)

J.R. Hummel, B. Seng, J. R. Moulton, J. Bergenthal, and S. Prager, "Analysis of Technical Alternative Technologies for the Development of Context-Driven, Composable Environmental Representations for JSB," SPIE Defense and Security Symposium, Orlando, FL, April 2004.

J.R. Hummel, J. H. Christiansen, C. M. Macal, and M. North, "The Development of Complex Adaptive Systems Based Decision Support System, 5th Annual ONR/CADRC Decision-Support Workshop, Quantico, VA, September 2003.

J.R. Hummel, "Providing Customer-Driven, Context-Dependent Environmental Representation in Composable M&S Applications," 71st Military Operations Research Society Symposium, Marine Corps Base Quantico, VA, 10 June 2003.

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