



RISK REGULATION SEMINARS

SPRING 2008

February 26, 4:30-6:00pm
4:30 - 6:00 PM, G 50, Jon Huntsman Hall

DECISION AND RISK ANALYSIS TO COUNTER TERRORISM

DETLOF VON WINTERFELDT

University of Southern California

Director, Homeland Security Center for Risk and Economic Analysis of Terrorism Events (CREATE)

At this seminar, Detlof von Winterfeldt, the director of the Center for Risk and Economic Analysis of Terrorism Events (CREATE), the first university-based center of excellence funded by the Department of Homeland Security, will offer a research framework for risk assessment, economic assessment, and risk management of terrorism. He will also present findings from three major analyses conducted by CREATE teams. The first analysis examined the risks and economic consequences of a major radiological attack on the ports of Los Angeles and Long Beach. The second analysis evaluated the cost-effectiveness of systems to counter surface to air missile attacks on commercial airplanes. The third analysis supported the Californian Governor's Office of Homeland Security to allocate infrastructure protection funds. The seminar will conclude with lessons learned from applying decision and risk analysis to terrorism problems.

For the past thirty years, Detlof von Winterfeldt, Ph.D., has been active in teaching, research, university administration, and consulting. He has taught courses in statistics, decision analysis, risk analysis, systems analysis, research design, and behavioral decision research. His research interests are in the foundation and practice of decision and risk analysis as applied to technology development, environmental risks, natural hazards and terrorism. He is the co-author or co-editor of four books or edited volumes and over 100 articles, chapters and reports on these topics. As a consultant he has applied decision and risk analysis to many management problems of government and private industry. He has served on several committees and panels of the National Science Foundation and the National Academies of Sciences (NAS), including a recent appointment to the NAS Board on Mathematical Sciences and their Applications. He is a fellow of the Institute for Operations Research and the Management Sciences (INFORMS) and of the Society for Risk Analysis. In 2000, he received the Ramsey Medal for distinguished contributions to decision analysis from the Decision Analysis Society of INFORMS.