SEMINAR

Wednesday, October 30, 2002 4:30 p.m. (Please note Special Date and Location!)
(refreshments at 4:15 p.m.)

166 Hollister Hall (McManus Lounge)

The Value-of-Information in Risk Analysis, Communication and Conflict Resolution

Prof. Mitchell J. Small
H. John Heinz III Professor of Environmental Engineering
Civil & Environmental Engineering and Engineering & Public Policy
Carnegie Mellon University

Environment Seminar Series (CEE 601)
School of Civil and Environmental Engineering, Cornell University

Co-Sponsored by the Systems Engineering & Information Technology Seminar Series

Abstract

Different methods and metrics for the value-of-information (VOI) has been used in various fields of engineering and the physical and decision sciences. These approaches are reviewed and a Bayesian decision framework proposed that considers differences among stakeholders in their values (i.e., utilities for outcomes), prior beliefs, and the way that scientific studies and results are viewed and interpreted (i.e., differences in likelihood functions). Implications are drawn and illustrated with results from the speaker's research involving environmental modeling, risk communication, and precautionary decision making.

Further information on the Environment Seminar Series as well as a list of future speakers can be fount at: http://ceeserver.cee.cornell.edu/eac20/cee601/

or contact Prof. Edwin (Todd) Cowen (eac20@cornell.edu).