



The College of Natural Science and the Actuarial Science Program
at Michigan State University invite you to the

RONALD H. AND MARY E. SIMON

ACTUARIAL SCIENCE

LECTURE

KEYNOTE ADDRESS BY

STEVE KOLK, ACAS, MAAA

Extreme Value Theory and Quantification of Climate Risks

THURSDAY, OCTOBER 25, 2018

5:30 P.M. RECEPTION

BIG TEN B

6:30 P.M. DINNER

BIG TEN C

KELLOGG HOTEL & CONFERENCE CENTER

EAST LANSING, MICHIGAN

\$60

R.S.V.P. by October 18, 2018 at natsci.msu.edu/simonlecture



Questions? Contact Denise Benington at beningde@msu.edu or
517-884-7662

ABOUT THE KEYNOTE SPEAKER

Steve Kolk is president of Kolkulations, LLC, a risk analysis consulting firm that deploys data mining, predictive modeling and geospatial technology to drive client profitability. A sought-after speaker, Steve is considered one of the nation's foremost actuarial experts in climate change.

Having 40 years of property & casualty actuarial experience, the Michigan native serves as a member of the Climate Change Committee of the North American Actuarial Societies, which constructed the first-of-its-kind Actuaries Climate Index. Launched in 2016, the public index reveals climate risk trends on a quarterly basis.

For the American Academy of Actuaries' Extreme Event Risk Committee, he co-authored the Flood Issue Brief for the U.S. Congress this year. As a volunteer advisor to the U.S. Department of Transportation, he co-authored the award-winning report, Hampton Roads Climate Impact Quantification – Baseline Assessment in 2016.

While serving as chief actuary and senior modeler at CoreLogic, Kolk applied geospatial and modeling technologies to develop scientific catastrophe models and new products, including the company's Hazard Risk Score, which blends nine catastrophic property hazards to be the modeling company's best mortgage-default predictor.

He graduated with honors from Calvin College in Grand Rapids with a B.A. in mathematics.

ABOUT THE RONALD H. AND MARY E. SIMON LECTURE

Ron Simon earned his degree in mathematics from Michigan State University in 1967. His career spanned 44 years at Auto-Owners Insurance Company where he held the position of CEO until his retirement.

Ron and Mary recognize the value of education gained at MSU. It is with this recognition that the Ronald H. and Mary E. Simon Endowment for Actuarial Science was established and this lecture is presented.

The lecture is strengthening MSU's Actuarial Science Program by connecting students, faculty, alumni and leaders in actuarial science for an evening of scholarship and community.