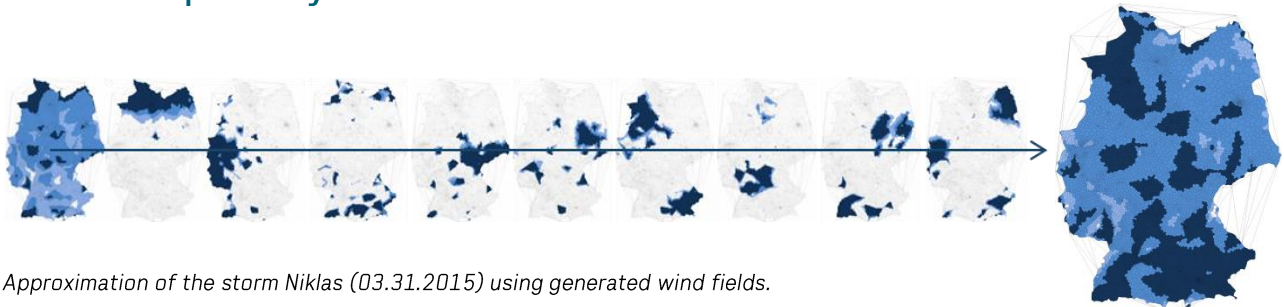


STORM CHASER

New transparency with Data-Based Storm Models



Approximation of the storm Niklas (03.31.2015) using generated wind fields.

STORM CHASER delivers prompt and precise storm estimates:

Newsletter *Frommes Versicherungsmonitor*, April 20th 2015: "The estimates of the German Insurance Association (GDV) come close to an early extrapolation by Meyerthole Siems Kohlruss (MSK), a German actuarial consulting company. MSK, based in Cologne/Germany, estimated the insured damage in Germany at about 700m Euro based on MSK's independent calculations by the beginning of April."

STORM CHASER provides storm forecasts calculated on a stochastic basis. For the first time storm event sets are generated based on empirical data. 'Polynomial Chaos Expansion' is the core of this new approach. An innovation that makes a difference. While all other existing storm models use extensive and intransparent meteorological assumptions, the algorithms of STORM CHASER are consistent and comprehensible.

Become independent in your storm valuation!

Your benefits

- > Estimates of future storms within a few days
- > ORSA stress scenarios
- > Quotation RI / forecast of 200-year events



Beta phase: Call for participants

At present we are validating our model. We are looking for companies that give us access to their portfolio for homeowner's comprehensive. In turn we carry out a thorough analysis of your data using STORM CHASER, providing you an independent and high-resolution modeling for free.

Tailwind for your storm expertise

- › Fast: Timely estimates of current storms as well as damage predictions of recurrence periods defined by storm events.
- › Fine-grained: STORM CHASER offers both high-resolution and regional forecasts, and damage calculations for the entire portfolio. The calculations are based on regionally customized functions of damages and on a downscaling of the database by means of Delaunay-Triangulation on the level of zip-codes. Forecasts are custom-tailored for your company.
- › Fit for Solvency II: The Cat-Risk is a very important part of Solvency II. The forecasts of the STORM CHASER are immediately comprehensible for any third person, competent in his field, by the transparency of its stochastic approach.
- › Data first: STORM CHASER avoids the traps of a meteorological superstructure. Our motto is 'data first'.



*Delaunay-Triangulation
of European weather
stations*

Meyerthole Siems Kohlruss

Meyerthole Siems Kohlruss was established in Cologne/Germany in 1998 as the first German actuarial consulting company. It supports insurers in strategic decisions and operative processes. Our areas of focus include data pooling, pricing and assessment of reserves, risk modelling and Solvency II.

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