Accumulation Management and Advanced Geospatial Techniques

Managing Catastrophe Risk in Commercial Underwriting Webinar Series

Bill Walker, Senior Manager – Consulting and Client Services



Managing Catastrophe Risk in Commercial Underwriting Webinar Series



June 2	Own the Risk in Commercial Underwriting in Touchstone
June 23	Using Touchstone for Accumulation Management and Advanced Geospatial Analysis
July 14	The Broader Solution Set for Commercial Underwriting from AIR and Verisk Analytics

Account Underwriting

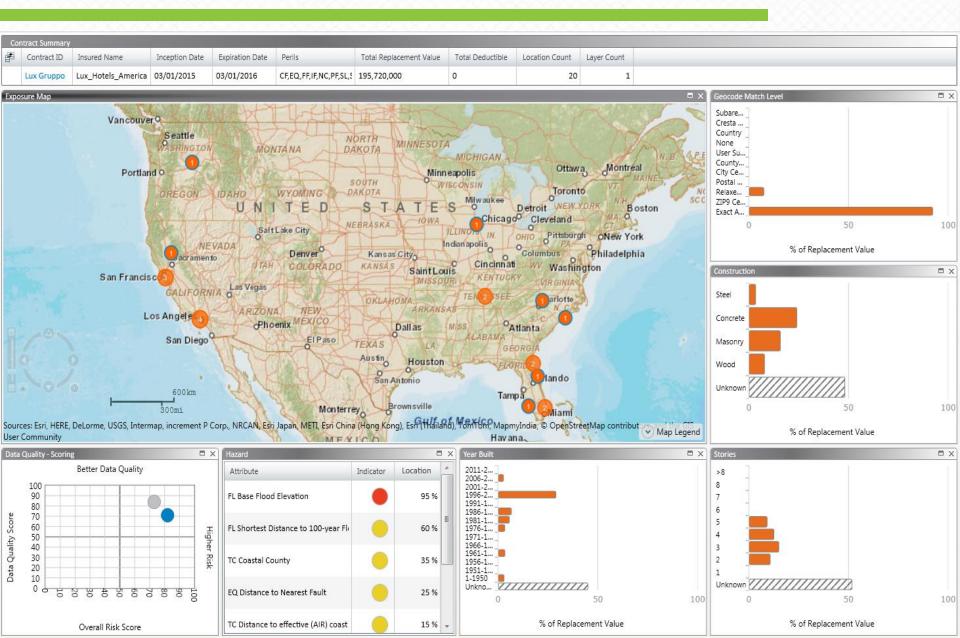


How Is an Excel Spreadsheet Turned into a Profitable Underwriting Decision?

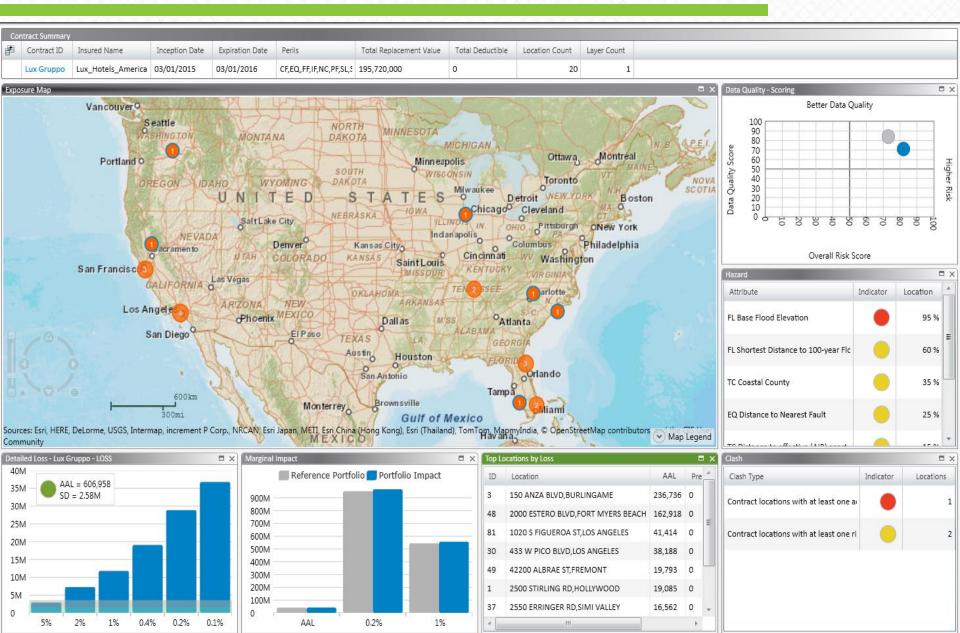
Street	City	State	Postal Construction	Occupancy	YearBuilt	Stories	Sq Ft	PPC	Sprinkler	Building	Contents \$	TimeElement \$
2500 STIRLING RD	HOLLYWOOD	FL	33020 Reinforced Concrete	Temporary Lodging	1997	5	65271	2	Υ	8,800,000	90,000	880,000
50 ANZA BLVD	BURLINGAME	CA	94010	Temporary Lodging			273698	1	Υ	\$ 40,800,000	\$ 410,000	\$ 4,080,000
001 W 79 ST	BURBANK	IL	60459 Steel	Temporary Lodging	1965	2	67090	7	Υ	\$ 6,300,000	\$ 60,000	\$ 630,000
03 EASTPARK DR	BRENTWOOD	TN	37027 Masonry	Temporary Lodging	1986	2	75904	7	Υ	\$ 5,000,000	\$ 50,000	\$ 500,000
101 BEACH BLVD	JACKSONVILLE BEACH	FL	32250 Reinforced Concrete	Temporary Lodging	2008	3	54258	3	Υ	\$ 5,000,000	\$ 50,000	\$ 500,000
33 W PICO BLVD	LOS ANGELES	CA	90015 Masonry	Temporary Lodging	2000	3	73625	8	Υ	\$ 9,800,000	\$ 100,000	\$ 980,000
001 KLUM 120 S SPF 000 ESTE	U)				1		
2200 ALBRAE ST	FREMONT	CA	94538 Unknown	Temporary Lodging	2000	5	75924	2	N	\$ 7,600,000	\$ 80,000	\$ 760,000
100 EL CAMINO REAL	MILLBRAE	CA	94030	Temporary Lodging			23616	9	N	\$ 5,100,000	\$ 50,000	\$ 510,000
30 BOYNTON BEACH BLVD	BOYNTON BEACH	FL	33435 Reinforced Concrete	Temporary Lodging	1981	4	44210	9	N	\$ 4,700,000	\$ 50,000	\$ 470,000
51 VAN CAMPEN BLVD	WILMINGTON	NC	28403 Masonry	Temporary Lodging	1996	0	72740	3	Υ	\$ 6,300,000	\$ 60,000	\$ 630,000
066 BIRD ST	OROVILLE	CA	95965 Unknown	Temporary Lodging	1929	0	56211	8	Υ	\$ 5,500,000	\$ 60,000	\$ 550,000
681 LENOIR AVE	JACKSONVILLE	FL	32216 Reinforced Concrete	Temporary Lodging	2000	4	53136	6	Υ	\$ 4,500,000	\$ 50,000	\$ 450,000
020 S FIGUEROA ST	LOS ANGELES	CA	90015	Temporary Lodging			143954	3	Υ	\$ 18,100,000	\$ 180,000	\$ 1,810,000
322 CYNTHIA ST	WEST HOLLYWOOD	CA	90069 Reinforced Concrete	Temporary Lodging	1979	4	68715	5	N	\$ 6,200,000	\$ 60,000	\$ 620,000
86 BRADLEY BLVD	RICHLAND	WA	99352 Woodframe	Temporary Lodging	1996	3	89684	8	N	\$ 6,500,000	\$ 70,000	\$ 650.000



Own the Risk in Commercial UW in Touchstone®



Own the Risk in Commercial UW in Touchstone®



Touchstone Answers Your Questions

How can Cat
management prepare
for an oncoming
hurricane or respond to
an unexpected Cat
event?

How have my exposed limits changed since last quarter/month/week/night?

Are UW guidelines being adhered to?

What are my exposed limits?



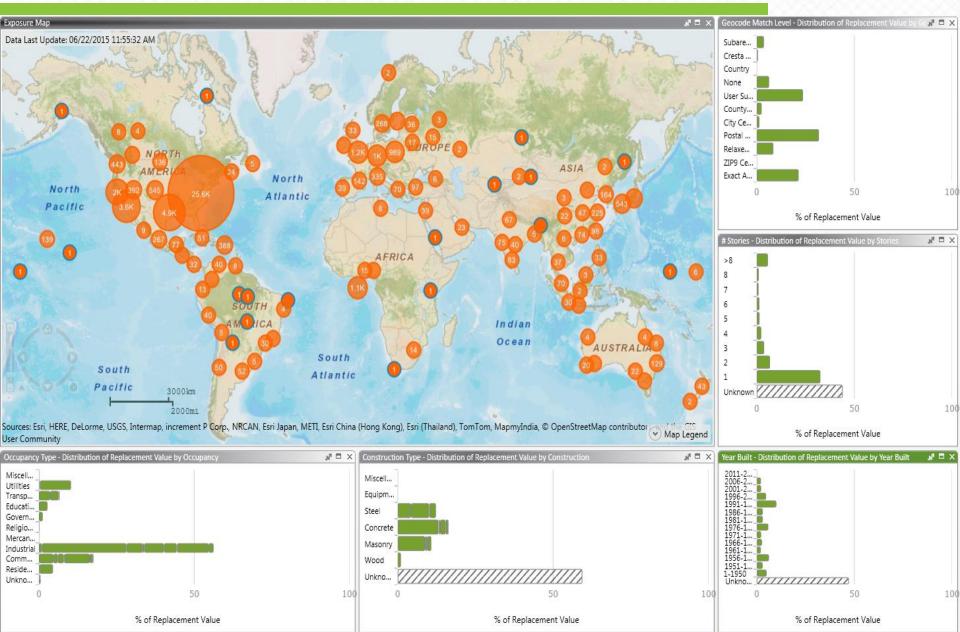
Where are my peak concentrations?

How are reinsurers tracking my accumulations?

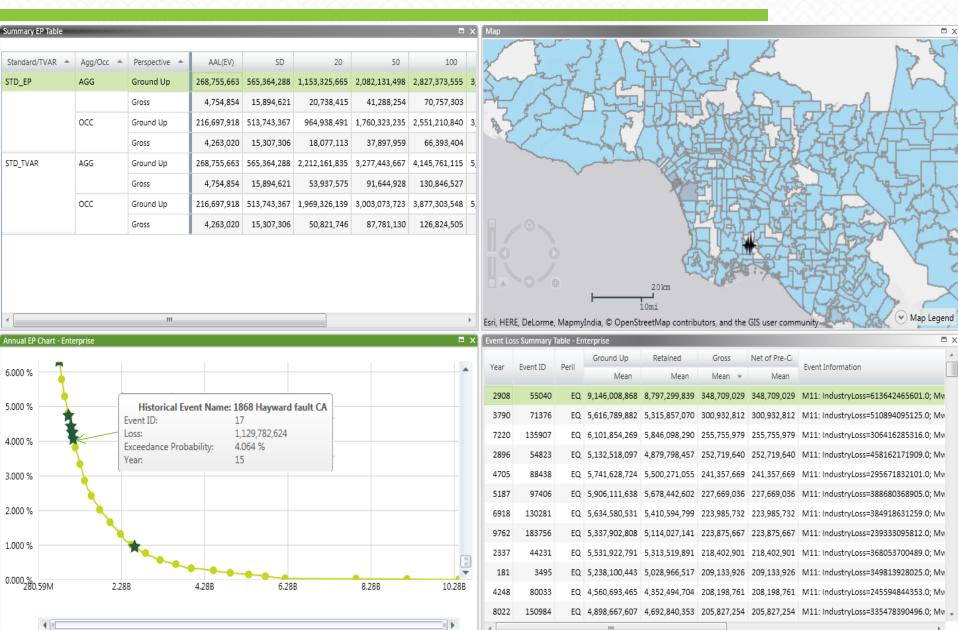
Portfolio Analytics



Visualize Enterprise-wide Exposures



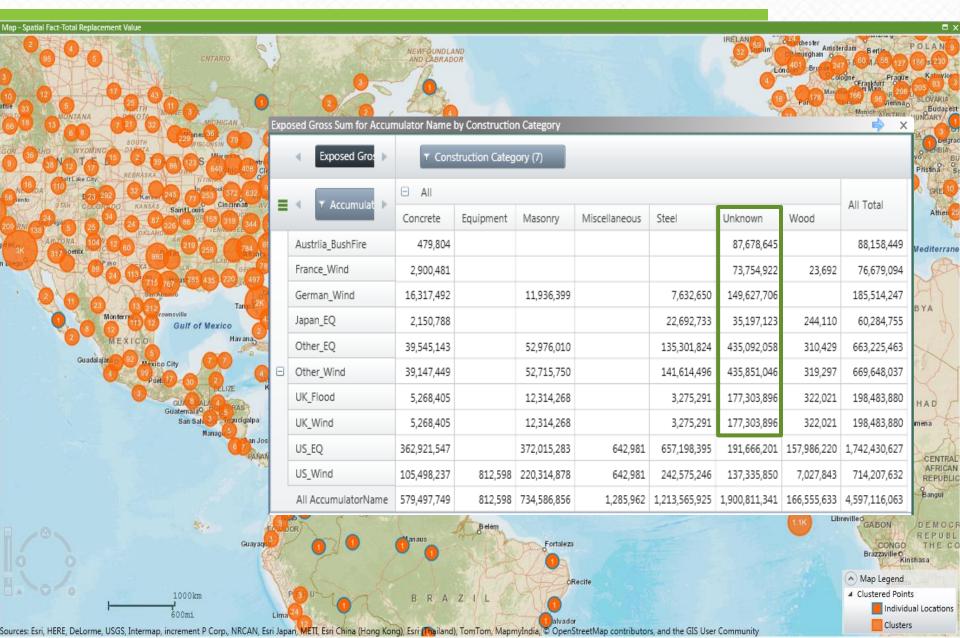
Evaluate Distribution of Losses



Zonal Accumulations



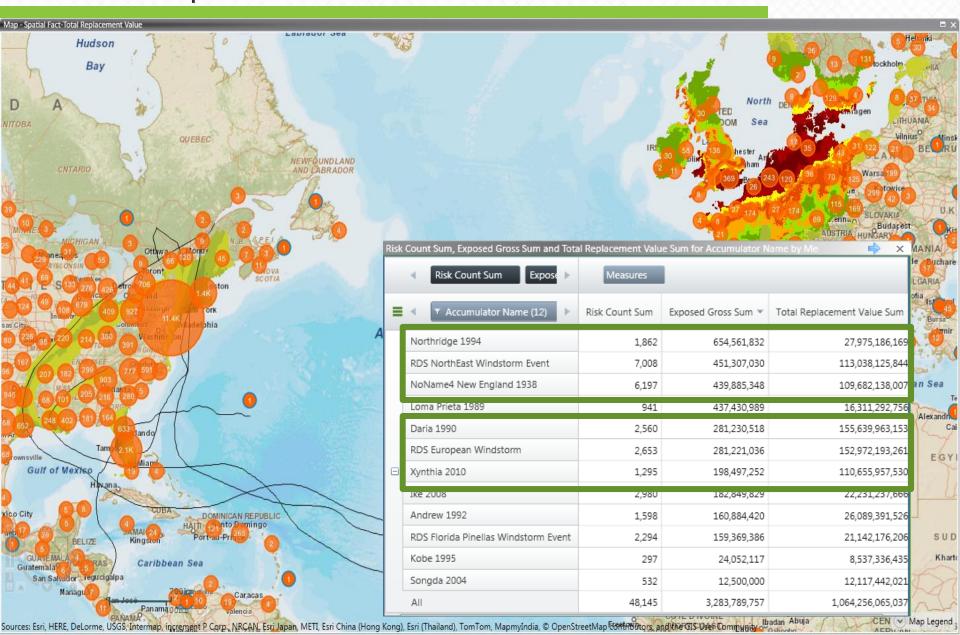
Monitor Global Accumulations



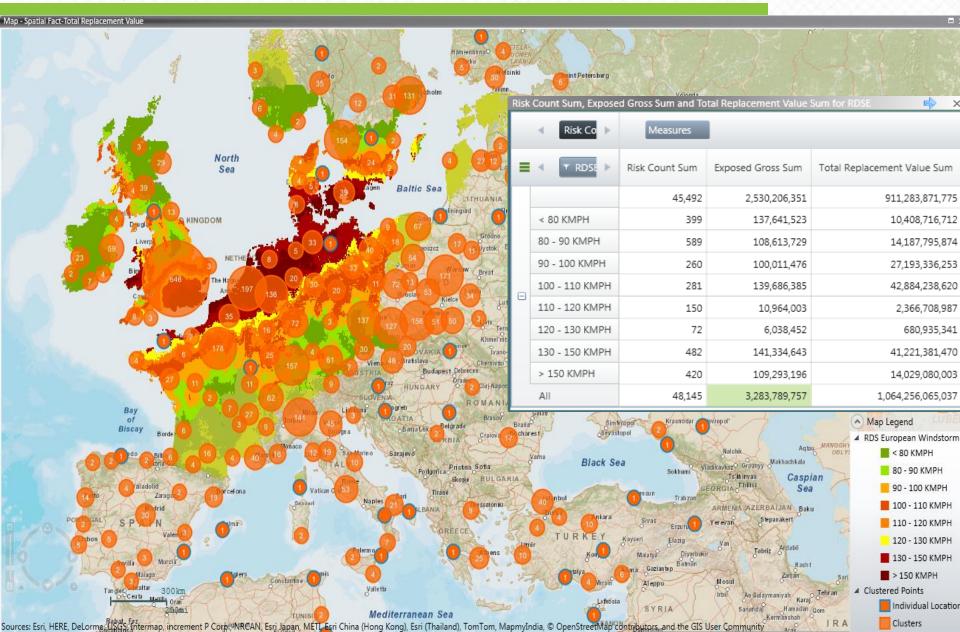
Risk Disaster Scenario and Historical Footprints



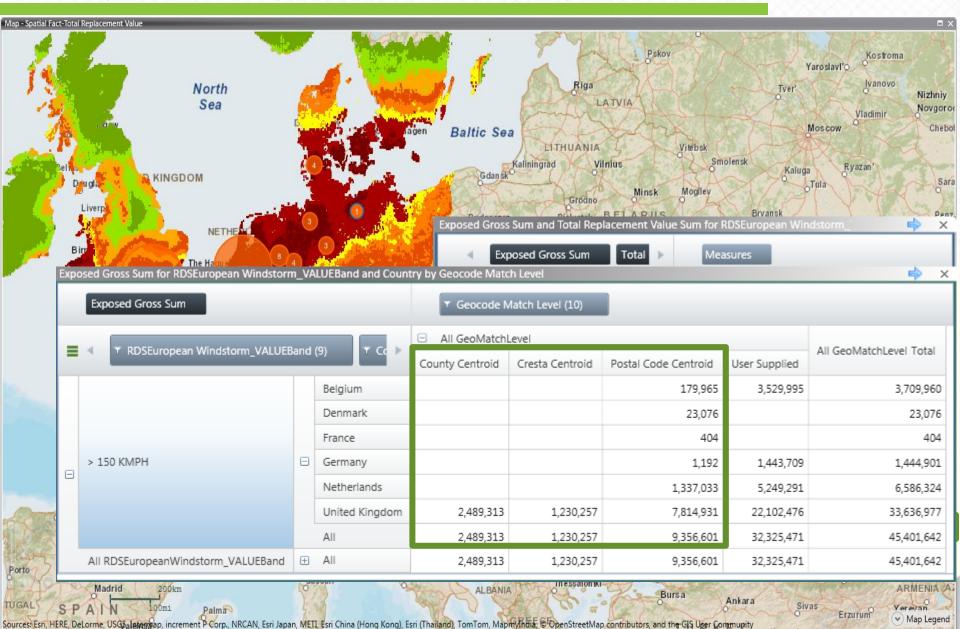
Monitor Response to RDS and Historical Events



Quantify Exposed Gross in RDS Footprint



Identify Uncertainty Due to Data Quality



Peak Concentrations



Dynamic Ring Analysis Identifies Peak Concentrations





Identify Contributing Locations and Layers





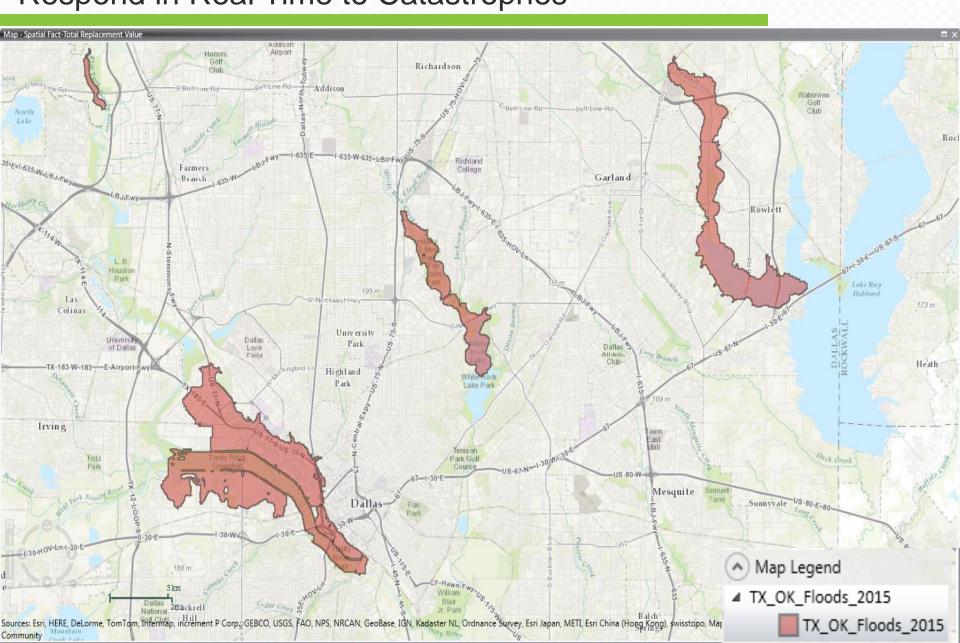


First | Prev 1 Next | Last

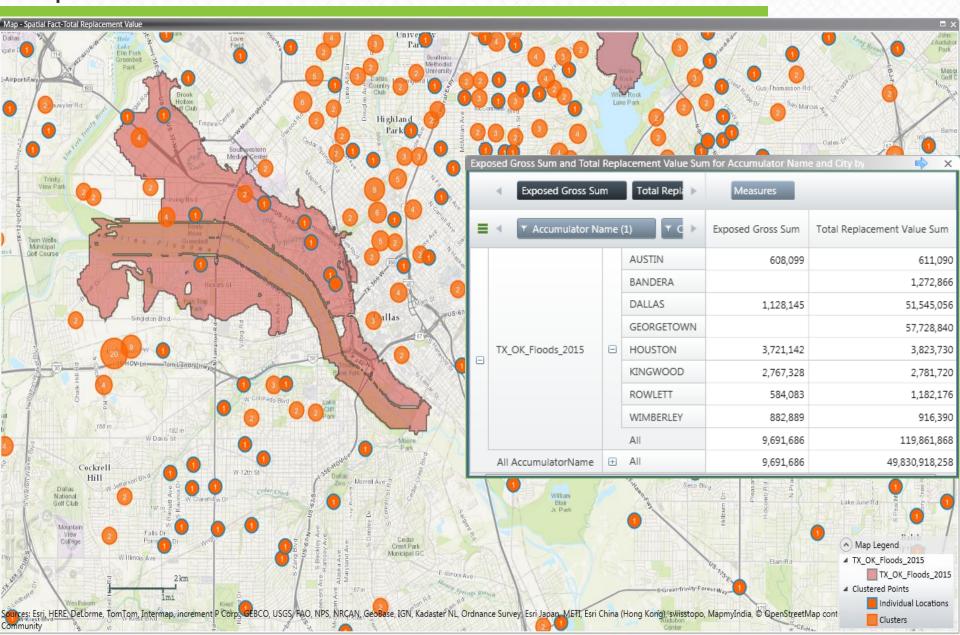
Responding in Real Time to Catastrophes



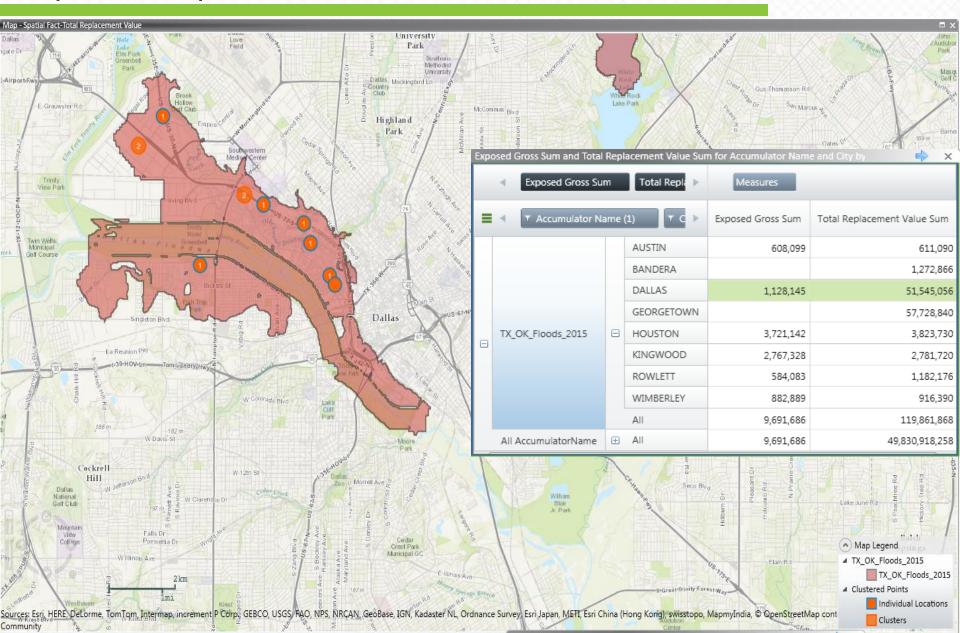
Respond in Real Time to Catastrophes



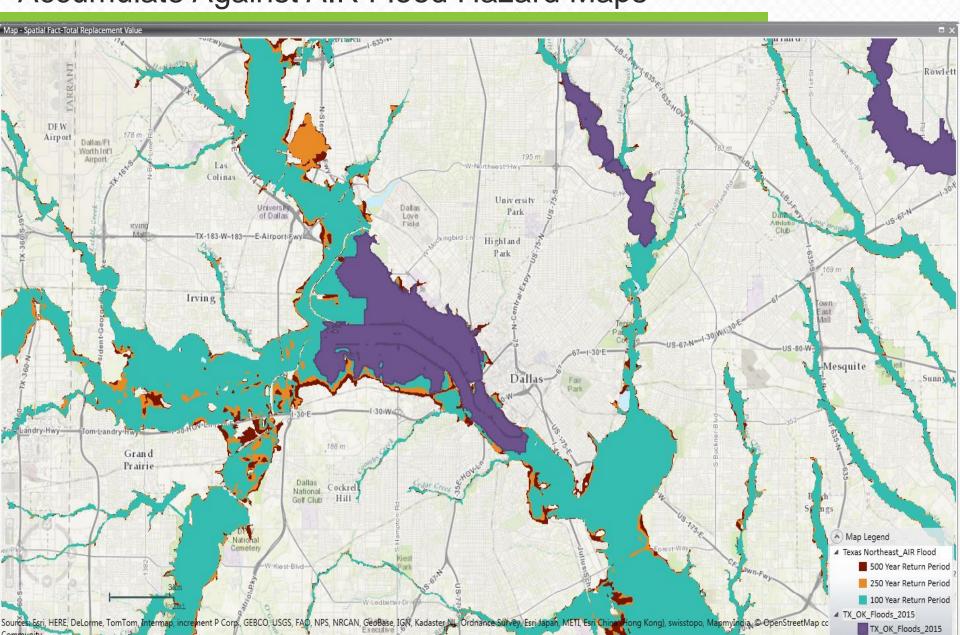
Exposure at Risk



Exposure Impacted



Accumulate Against AIR Flood Hazard Maps



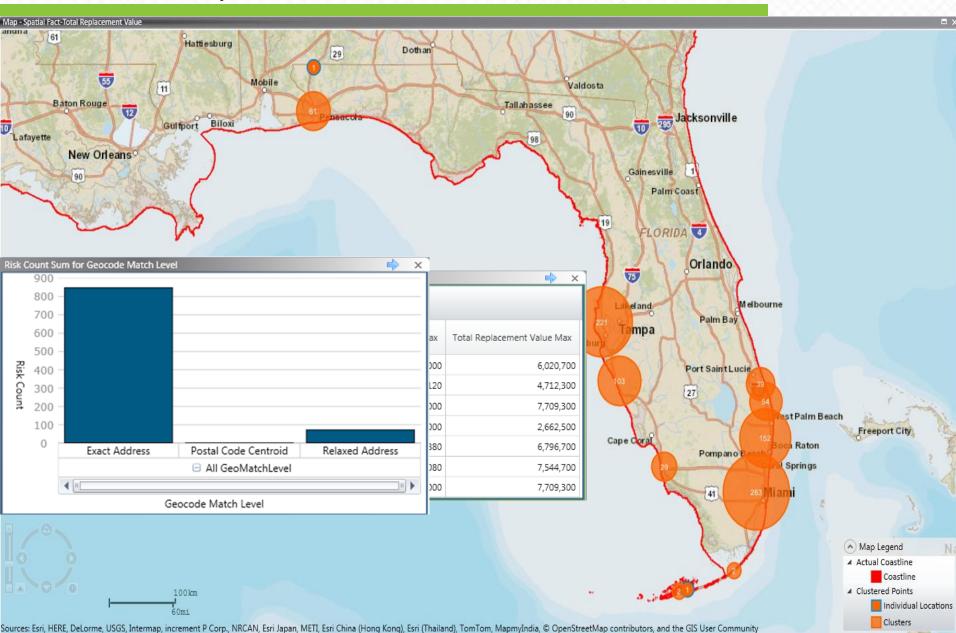
Evaluate Global Accumulations in Non-Modeled Regions



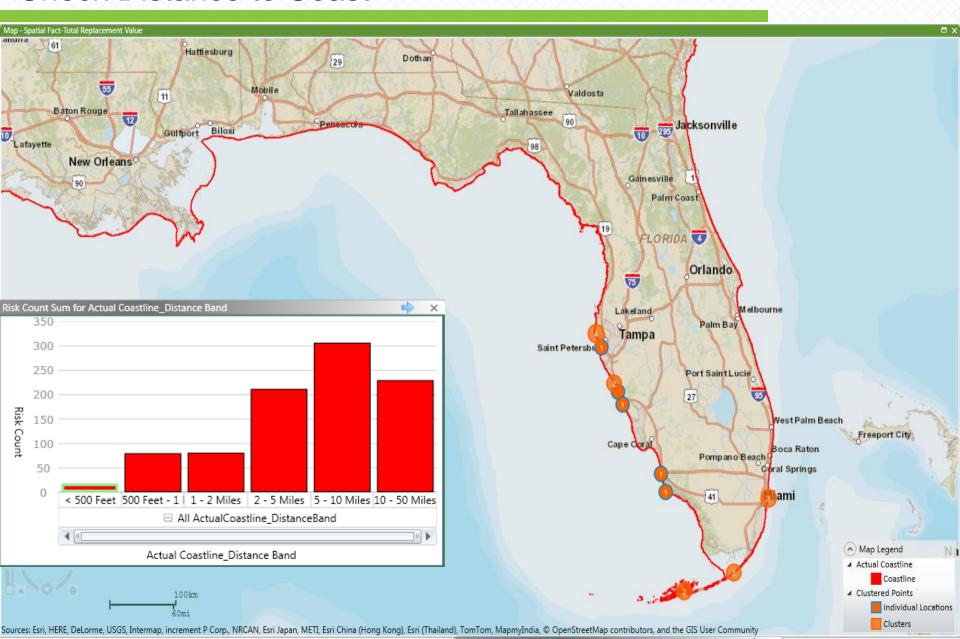
Evaluating Producers



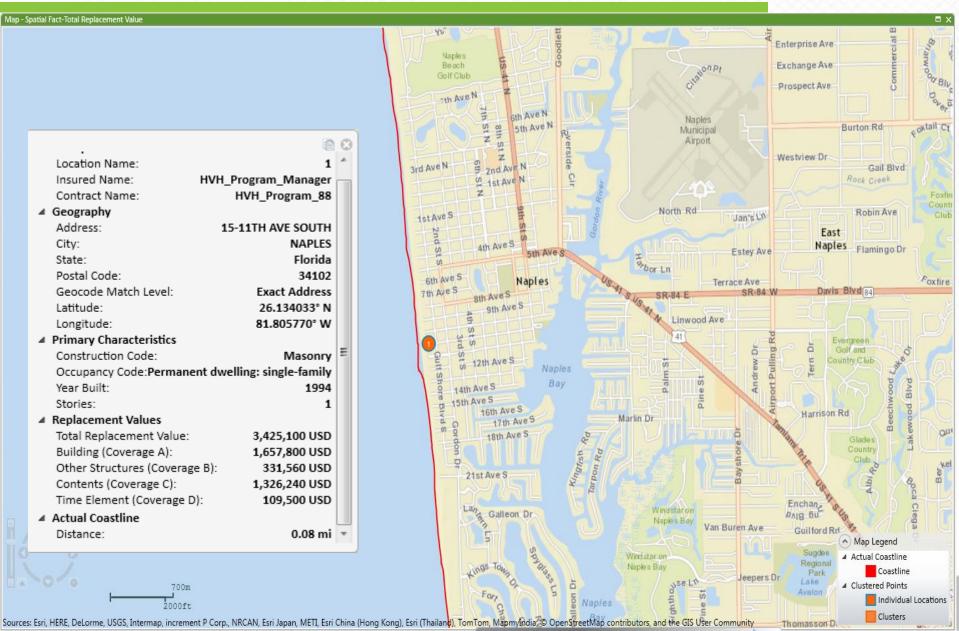
Evaluate Compliance with Guidelines



Check Distance to Coast

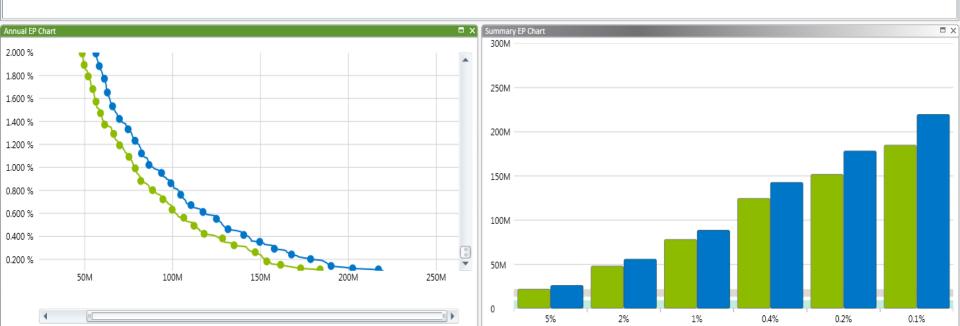


Investigate Violations

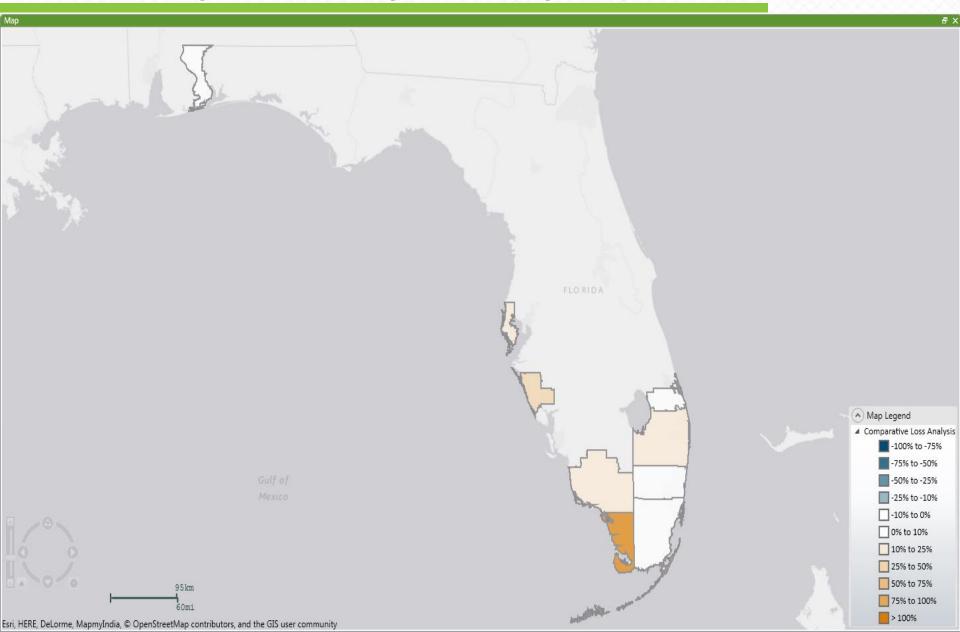


Evaluate Changes in Risk Over Time





Monitor Geographic Changes in Geography



Touchstone Answers Your Questions

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Are UW guidelines being adhered to?

What are my exposed limits? Where are my peak concentrations? Own the risk.® How are reinsurers tracking my accumulations?

Touchstone Answers Your Questions

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Join Us for the Last Webinar in the Series!



When?

July 14

Topic?

The Broader Solution Set for Commercial Underwriting from AIR and Verisk Analytics