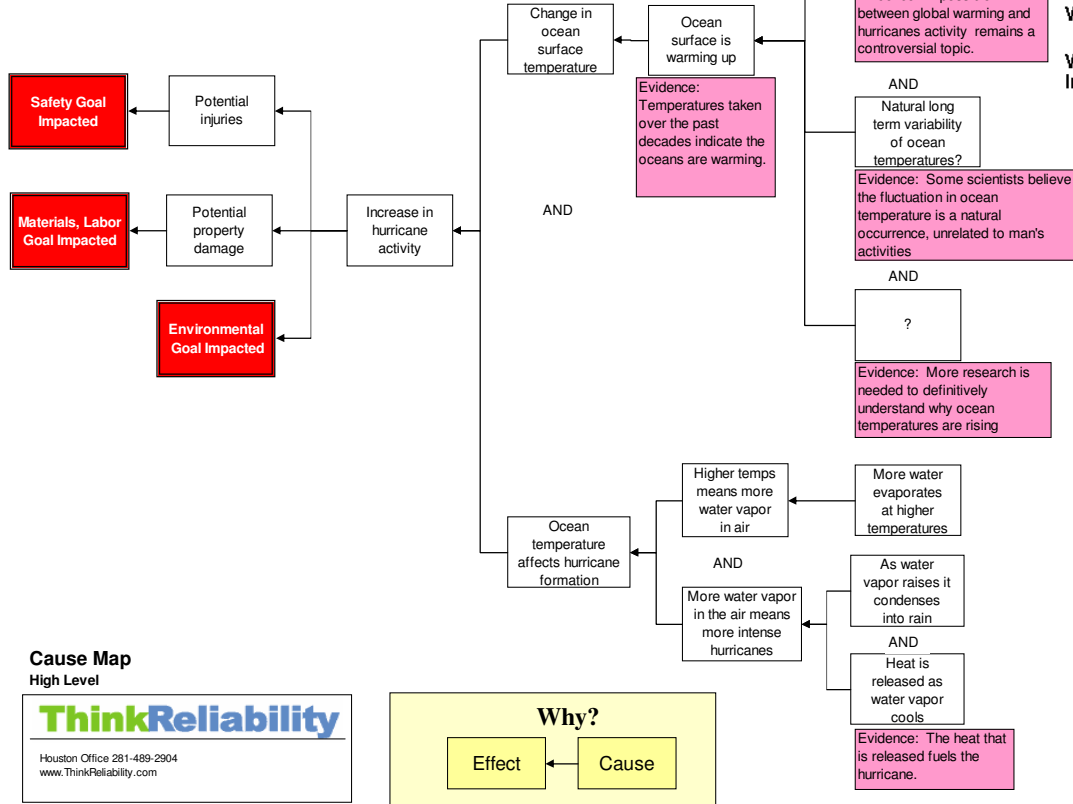


Cleaning Up Aerosols May have Fueled Hurricanes

Study by British government's Met Office
April 2012

A recent study by Britain's Met Office weather service found that reducing pollutants in the atmosphere has had an unintended consequence, an increase in intense hurricane activity in North America.

A Cause Map, a visual root cause analysis, can be a helpful tool to understand this type of issue. A Cause Map shows the cause and effect relationships between the different causes that contribute to an issue and can illustrate the potential consequence of changing one cause.



Step 1. Outline the Problem

What	Problem(s)	Increase in hurricane activity
When	Date	2012
	Differences	Hurricane activity has increased
Where	Physical Location	US, Atlantic Ocean
Impact to the Goals	Safety	Potential injuries
	Materials, Labor	Potential property damage
	Environmental	Increase in hurricane activity

This incident ??



Photo from NASA's Terra satellite as the Hurricane Katrina approached the Gulf Coast.

Cause Map High Level

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Why?

Effect ← Cause

NOTE: Read the Cause Map from left to right with the phrase "Was Caused By" in place of