Saving Lives with Big Data: Wildfire Prediction and Emergency Response

W1.1

After this video you will be able to...

 Give an example of sensor, organizational, and people-generated data used in wildfire analytics

 Explain to a friend why the integration of unexpected streams of data is critical to wildfire prevention and emergency response

San Diego County, May 14, 2014

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14 fires burning

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14 fires burning

6 injured + 1 death

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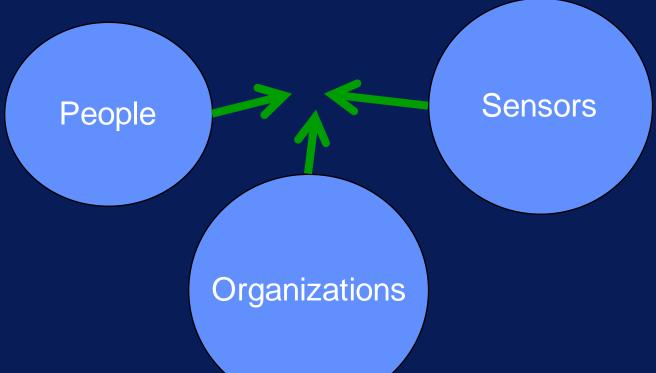


14 fires burning

6 injured + 1 death

\$60 million USD

Why can Big Data help?



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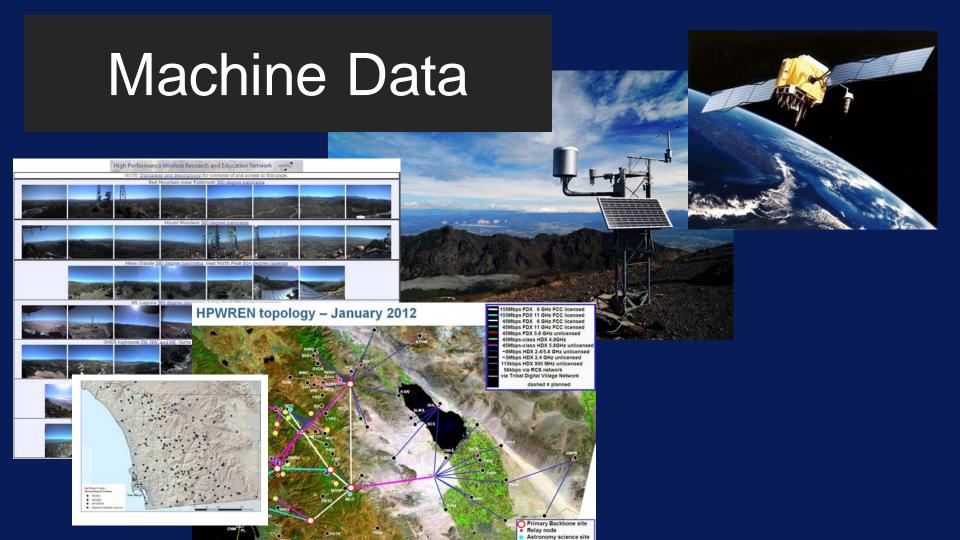
Integration of diverse data

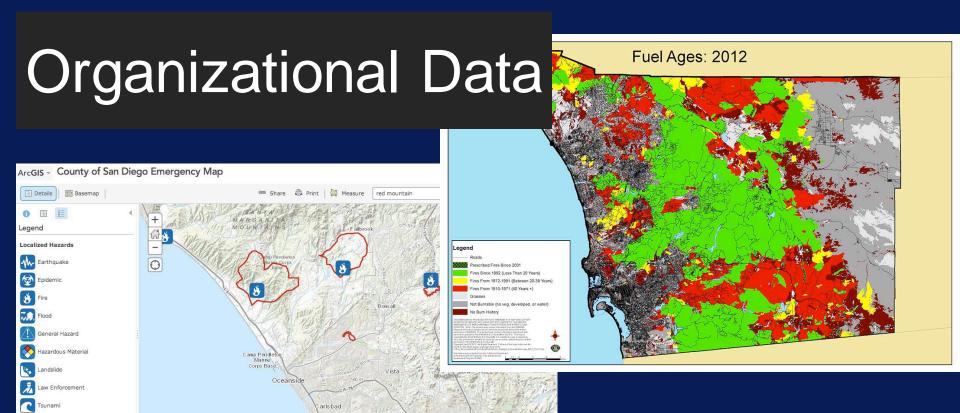
Organizations

Integration of diverse streams

see new things develop predictive analytics

Diverse Data Sources





San Diego County Emergency Map displaying fire perimeter information from NICS.



People



Visualization Fire Modeling





Wildfire Command Centers of the Future

