

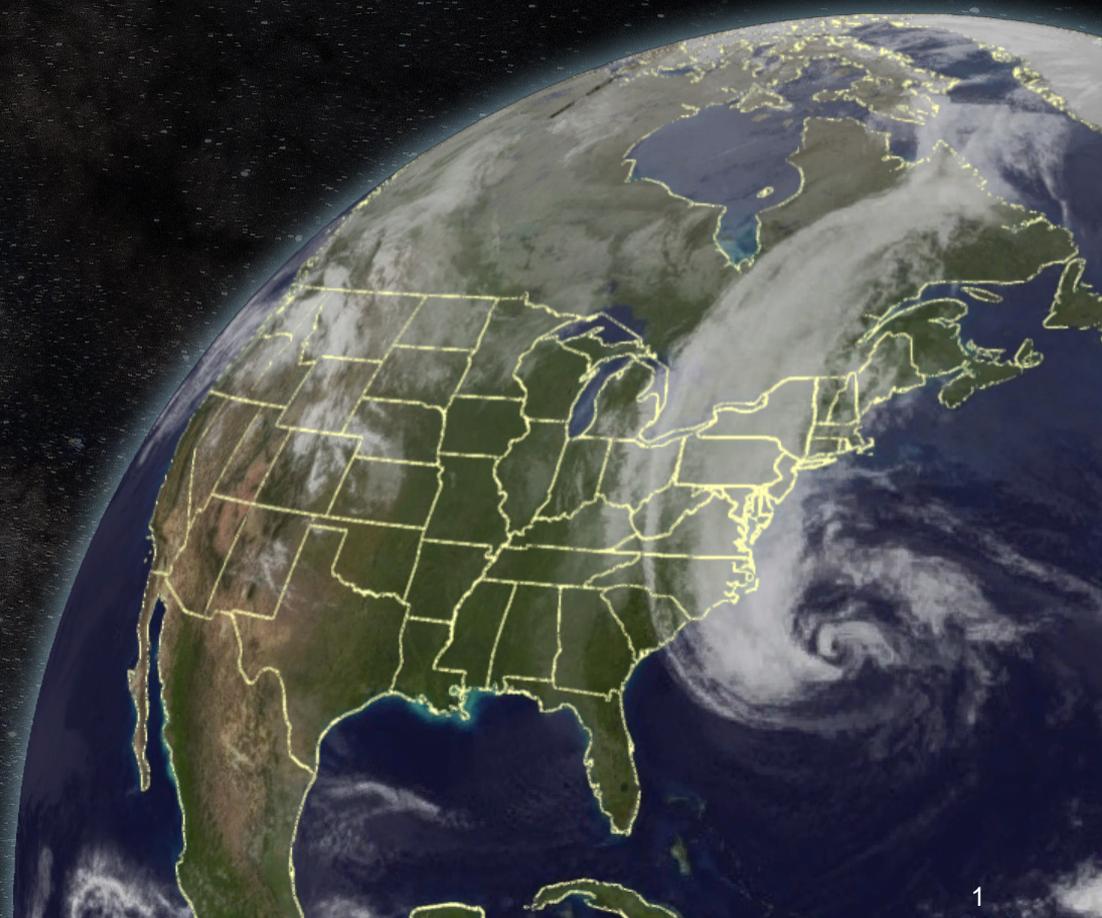
# Unified and Consistent Hazardous Weather Forecasts

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NOAA/ESRL/GSD



GSD Science Review  
3-5 Nov 2015

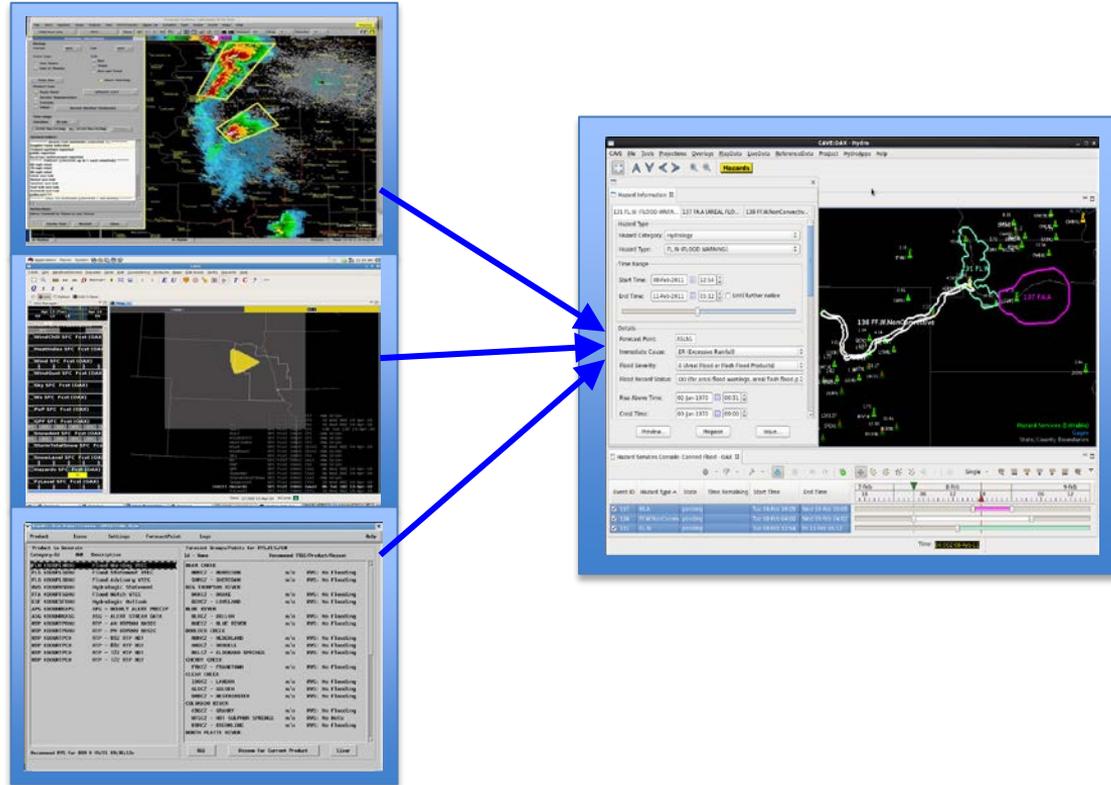


# Unifying Legacy Applications

**WarnGen**  
( $<1$  hour)

**Graphical Hazard Generator**  
(Hours, Days)

**RiverPro**  
(Days)

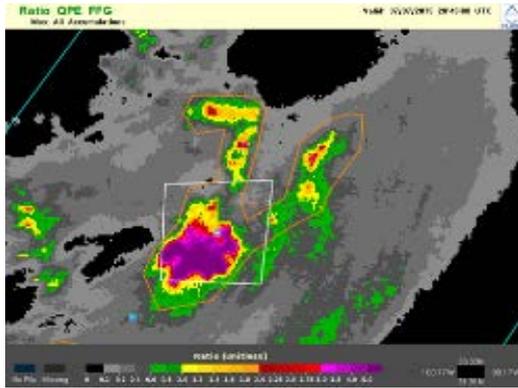




# Forecast Process

Conduit for transforming leading edge science into actionable information for decision-makers

Leading Edge Science



Hazard Services



Actionable Information



A better-informed Weather-Ready Nation that is resilient in the face of high impact weather and environmental events

# Consistent Continuous Forecasts

- Shared Platform for consistency and accuracy across hazard phenomena on local to national scales
- Forecasting a Continuum of Environmental Threats (FACETs)

