

Some thoughts from wearing various "hats"

atmospheric science: Tools for prediction and warning continue to improve



Bob.Henson@weather.com Twitter: @bhensonweather Category 6 blog: www.wunderground.com/cat6 Long-range outlooks based on numerical models successfully caught the Louisiana threat almost a week in advance

National Water Model (with open-source toolkit for multisector use) is kicking off a new era of detailed guidance

Social science is making a difference (e.g., new storm-surge warning/inundation products from Nat'l Hurricane Center)



Some thoughts from wearing various "hats"

journalism:

The flood story remains a challenge

In most cases, flooding isn't as visually compelling as a tornado or hurricane winds. When did you last see a "flood chaser"

interviewed?

When did you last see a TV station break into programming with a flood warning or a flood watch? (ht Marshall Shepherd)

Bob.Henson@weather.com Twitter: @bhensonweather Category 6 blog: www.wunderground.com/cat6



Anther T We

Some thoughts from wearing various "hats"



resiliency:

Information is power! How do we ensure that citizens have it?

For example, in a number of U.S. states, home sellers are *not legally obliged* to disclose the established flooding risk of their properties.

It's even difficult to find out which states do and don't have such a requirement.

Bob.Henson@weather.com Twitter:@bhensonweather Category 6 blog: www.wunderground.com/cat6



Mitigating flood risk is a distinctly multifaceted challenge

Flooding is shaped by

—a huge range of time and spatial scales (from a few minutes in a creekbed to weeks across thousands of sq km)

-coastal and inland processes that are affected by climate change in different ways (sea-level rise vs. intensified precipitation rates)

The many interfacing specialties and specialists means that clear communication—among experts, and with the public—is especially important!

Bob.Henson@weather.com Twitter: @bhensonweather Category 6 blog: www.wunderground.com/cat6



Station - -----

