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*You are one of the managers of the National Hurricane Program and need to gather general (worldwide) situational awareness for the next few days.*

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1. Are there any active tropical cyclones or areas of potential formation?
2. Are there any areas of concern for excessive rainfall over the weekend?
3. Are there any areas where riverine flooding is occurring or could develop?

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*You are a FEMA Region 2 representative, preparing an email briefing for Puerto Rico and the US Virgin Islands on Advisory 7 of Hurricane Maria (2017)*

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1. Create a map depicting current position and cone. How will you capture this map graphic to put in the email?
2. What text products should be included in your report? Are there headlines and key messages that you would want to emphasize in the email?
3. How can you get information on time and direction of closest approach for the various islands and municipalities? Export as a spreadsheet and attach it to your email.
4. Finally, download Advisory 7 storm tracking information as a GIS dataset and attach it to your email.

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*You are the State Hurricane Planner for Hawaii conducting an inventory of assets that are vulnerable to storm surge*

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1. Which island has the greatest vulnerability and what kinds of structures are in the surge zone?
2. What directions and forward speed of storms produce the greatest storm surge?
3. How can SLOSH model data be exported and further analyzed using a GIS program?
4. How much of a factor would tide timing be in total water height?

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*You are a training and exercise coordinator for NYC Emergency Management, preparing for a tabletop exercise using four Exercise Hurricane RYAN advisories that were developed by the National Hurricane Center*

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1. What is the longest clearance time in the City's Hurricane Evacuation Study?
2. Which advisory will be the most critical for deciding how many evacuation zones to call?
3. What day and time will you start the general population evacuation?

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*You are the Emergency Manager for Jefferson County, TX looking at Hurricane Laura 2020, Advisory 23*

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1. What percentage of the county is under storm surge warning?
2. What does the Potential Storm Surge layer say is a reasonable worst case for Sabine Pass? For Port Arthur?
3. Which evacuation zones might need to be called?
4. What is the range of evacuation start times? How many hours remain before an evacuation would need to begin for your selected zone scenario?

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*You are an Emergency Manager with the State of Louisiana looking at Hurricane Laura, Advisory 25*

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1. What parishes in your state have the highest likelihood of experiencing hurricane-force winds?
2. How can you create a map depicting the most likely time for tropical storm-force winds to begin in these coastal parishes of greatest concern?
3. What report options do you have for wind timing in ALL parishes within the state?