

Using ArcGis and ArcPortal to Create Interactive and Accessible Maps

Joy Marich, Earth Systems Science

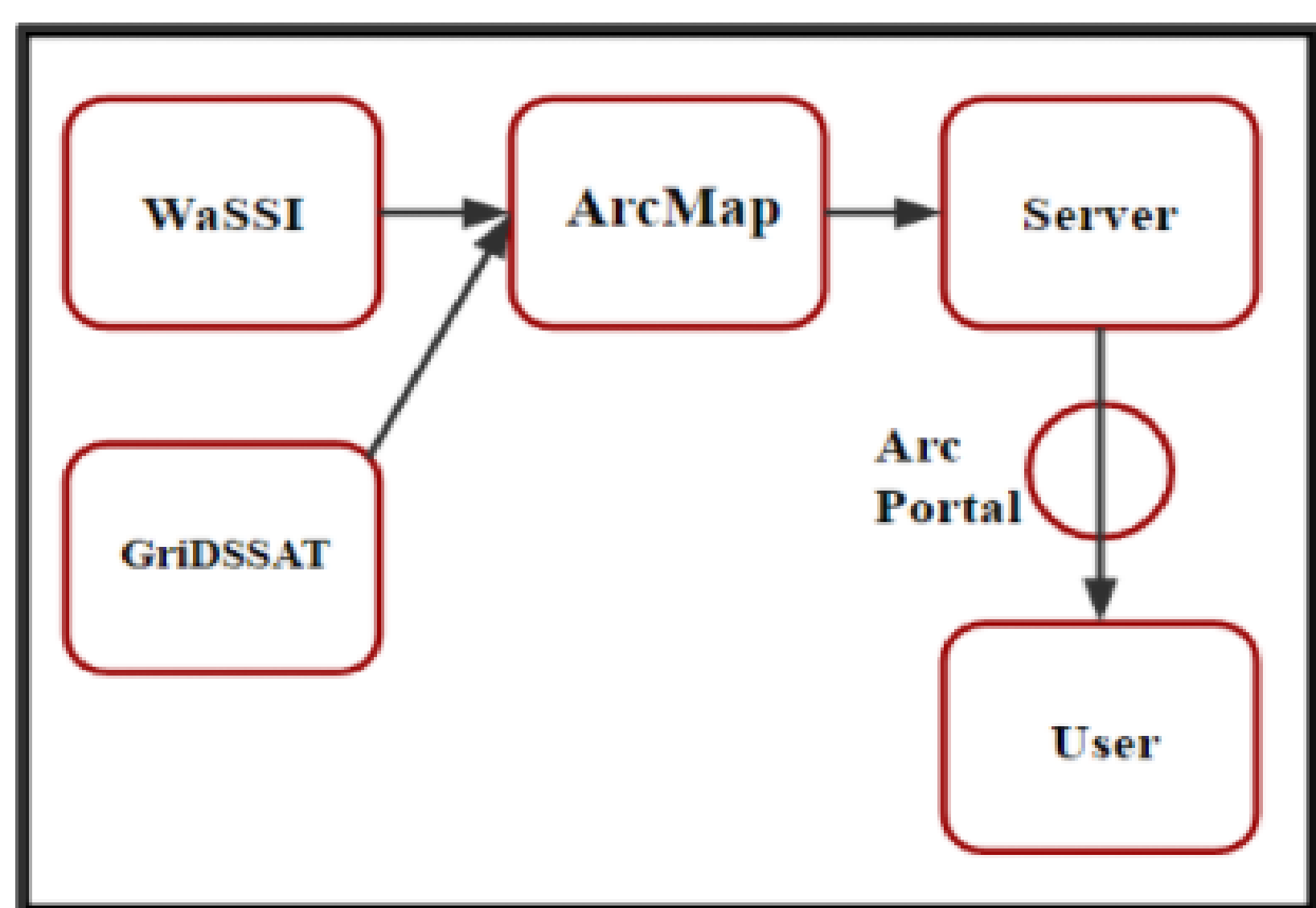
Introduction

Maps that are easily accessible to stakeholders and lawmakers can assist with the mitigation and prevention of drought and water stress disaster. Using ESRI's ArcGIS server client and ArcPortal are just one way to clearly articulate the impacts of natural and manmade events.

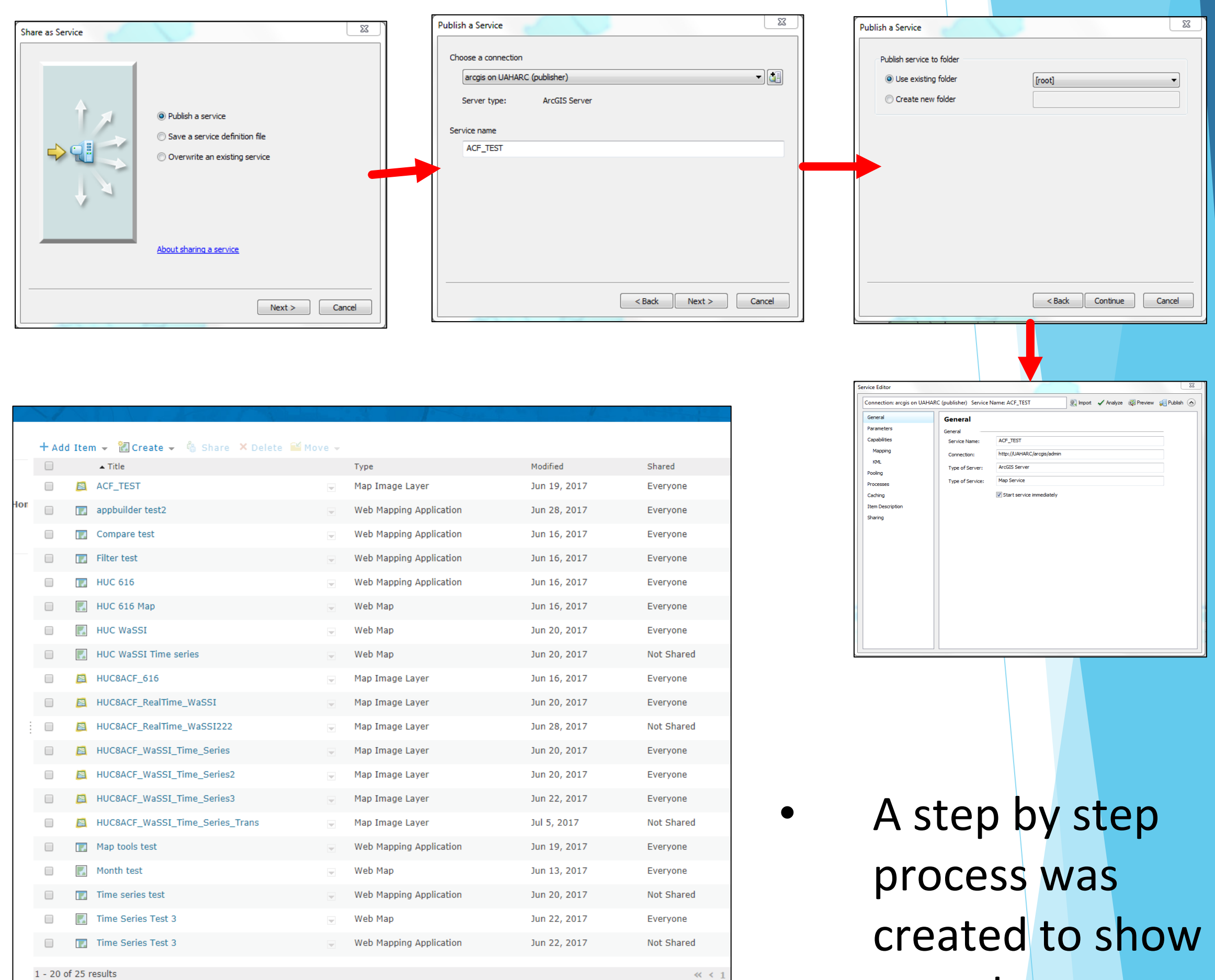
What is the Goal?

- To **create** interactive maps that allow users to see clear and accurate information.
- To **educate** potential users in using the software to create interactive maps.
- To **query** maps interactively and

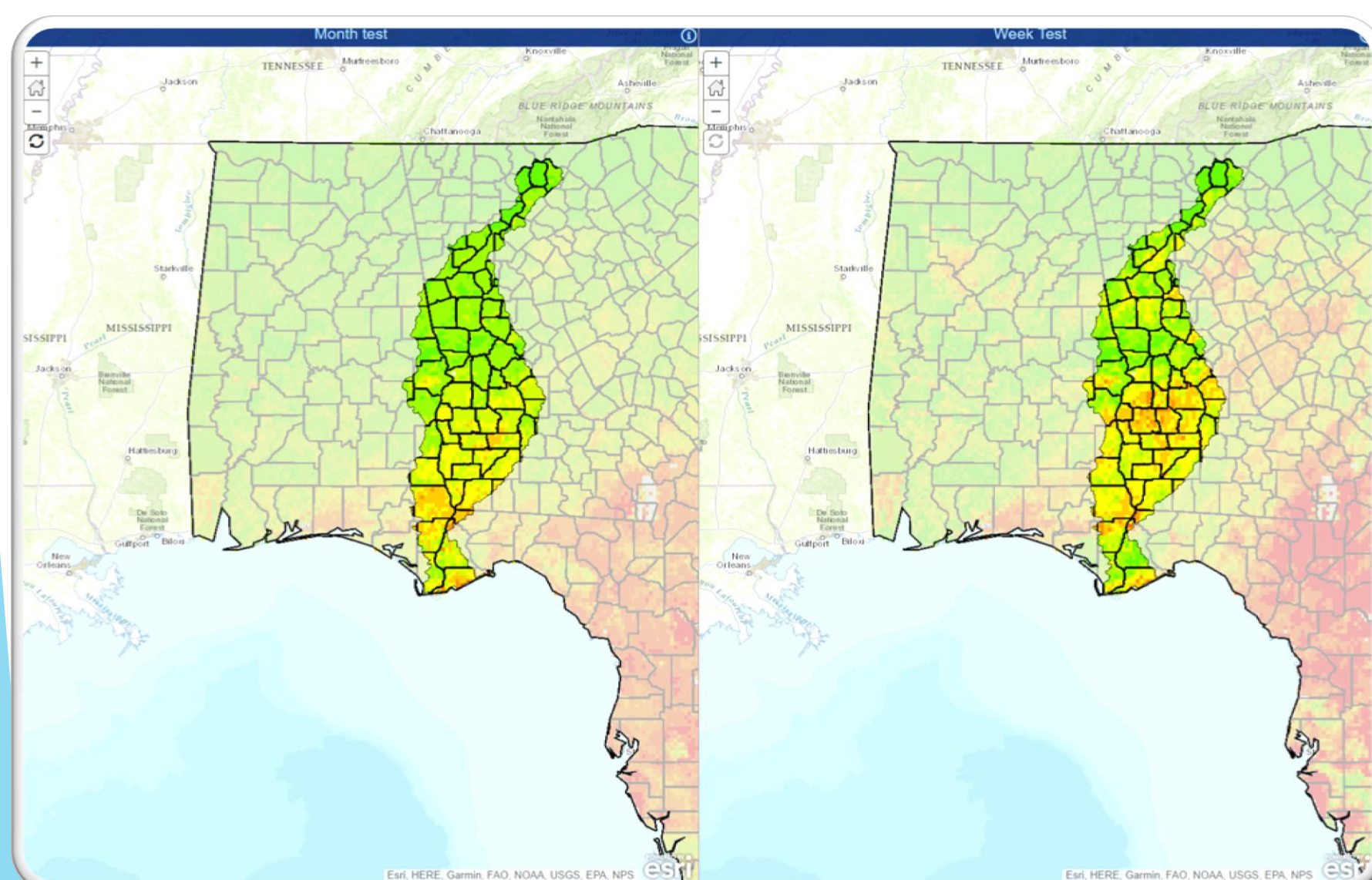
Methodology



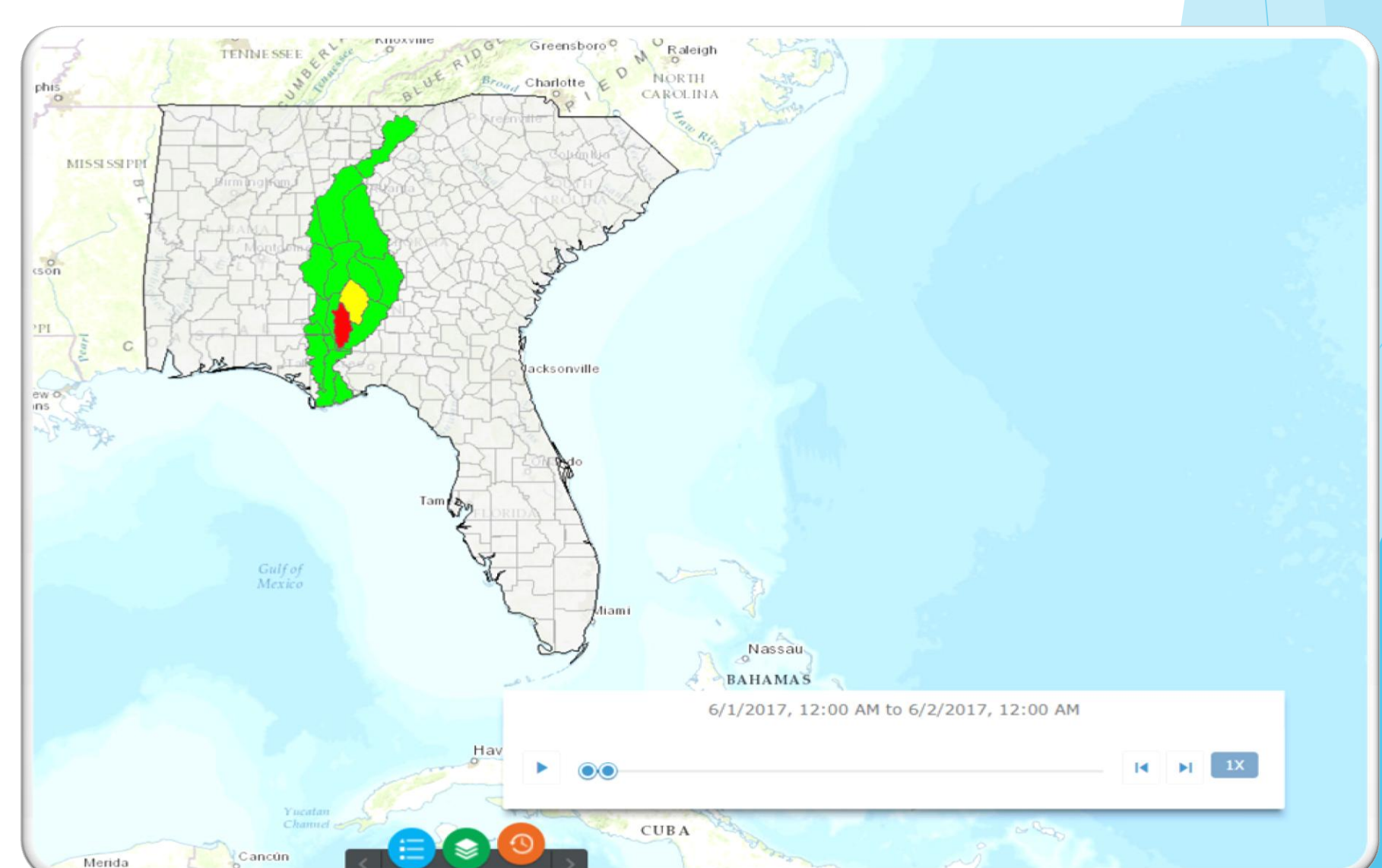
- Drought model data gathered from the WaSSI and GridSSAT models is used to create maps in ArcMap.
- These maps are then transferred to a server that has a connection to the Arc Portal.
- From the Portal, the user can make several different kinds of interactive maps.



- A step by step process was created to show users how to create their own maps.



- Compare Analysis maps can be used to show the difference between two maps or two layers.



- Time Series maps can be used to show the change of data over a period of time.

Acknowledgements

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References

McNider, Richard T. et al., (2010). *A Real-time Gridded Crop Model for Assessing Spatial Drought Stress on Crops in the Southeastern US.*