 user research protocol should clearly identify the following:

The Nile River is the longest river in the world, flowing through 11-countries. It is also the only river that flows from south to north. It is a source of livelihood for the over 280 million people living in the countries along its banks and is crucial for the future of the region.

**Target audience you hope to reach with your story:**

I hope to reach the country representatives of the Nile River Initiative and national water resources management planners.

Goals/Questions

My goals is to identify if the maps and data clearly narrate the state of water stress in the countries along the Nile River and the presence of factors that impact the accessibility and availability of water in the region, specifically transboundary disputes.

**Introductory comments**

Brief introduction – Hi, my name is Brittany and I am a spatial planner with the UNDP

My goal today is to get your feedback on the maps and data visualizations to get a sense of whether or not they clearly narrate the state of water stress in the countries along the Nile River and the presence of factors that impact the accessibility and availability of water in the region.

**Main section**  
I have examples of 3 data visualizations that will be used to support the story and call to action. Please respond to the following questions.

What do you think this data is for?

Who do you think the intended audience is?

What are these data visualization telling you?

Is anything surprising or confusing?

What other questions do you have about this site?

**Wrap-up**

Thank you for your time. Do you have any questions?

**The findings from your interviews**

|  |  |  |  |
| --- | --- | --- | --- |
|  | MBA graduate/Educator | High-school student | College student studying education |
| What do you think this data is for? | To encourage governments to clean the Nile up to feed people along its boarder and provide clean water. Make sure the water is good for the people who live near it. | To show how much water stress is there | To persuade the governments of countries along the Nile |
| Who do you think the intended audience is? | Presenting to the corps of engineer to build a dam | The people that live around the Nile River and the people that are in charge of managing it. | The government, the people living near the Nile |
| What are these data visualization telling you? | The red areas need water resources | The level of water stress and the trends over time. | The countries that have high water stress |
| Is anything surprising or confusing? | Nothing surprising, but was confused about the meaning of water stress | The middle visualization needs a key and I am not sure what water stress means. | Confused by the yellow and orange, the colors looks too similar.  Confused about the projection maps. Suggested they should be switched in order with the disputes.  Surprised by the increase between 2015 and 2040.  Wants to know what type of people are affected the most by water stress. |

Changes you plan on implementing to your visualizations next week to address the issues identified

* I will make sure I have a clear key for any of the charts.
* Use colors that are more intuitive for the map details (i.e. green for resolved and yellow for in-negotiations)
* Multiple interviewees were confused by the meaning of Water Stress as an indicator in the visualizations, so in my final version I will make sure this is clearly defined.