

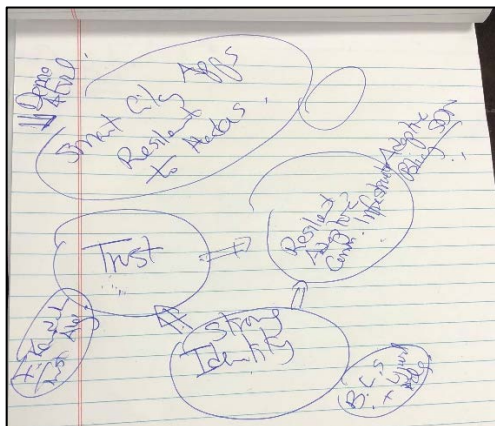
Graphics Support Services in the SimCenter

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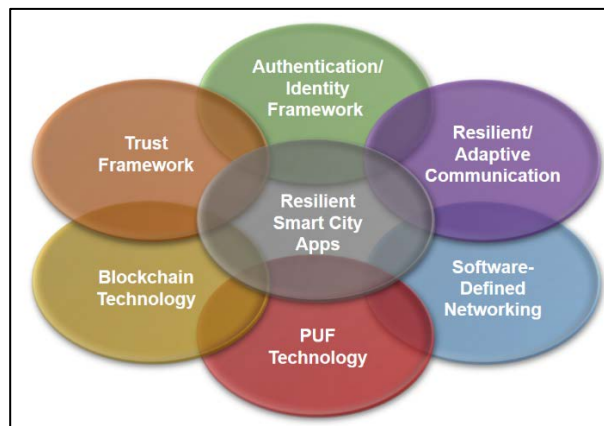
As SimCenter-affiliated faculty, you can receive year-round assistance from the Graphic Designer and Scientific Illustrator, Holley Beeland, in addition to the support of the Grants Administrator, Bailey Cundiff. The goal of this support is to enable illustrations, flowcharts, conceptual diagrams, and other graphics that can improve the quality of all of your proposals.

Holley can help you visualize information and data generated by your research for technical proposals—as well as manuscripts and other applications. We encourage you to leverage her expertise to communicate results of computational simulations to audiences ranging from the lay public to experts in the field.

All you need is a rough sketch or general description, and Holley can create a final, polished product suitable for publication/proposal submission. For example, this sketch (left) became this diagram (right):



Original sketch



Final version

Why include graphics in a proposal?

Adding visualizations, especially a conceptual diagram at the beginning of the proposal narrative, can give reviewers a strong, immediate overview of your proposal. Even if they don't read your entire narrative, they can tell from the diagram what you intend to research.

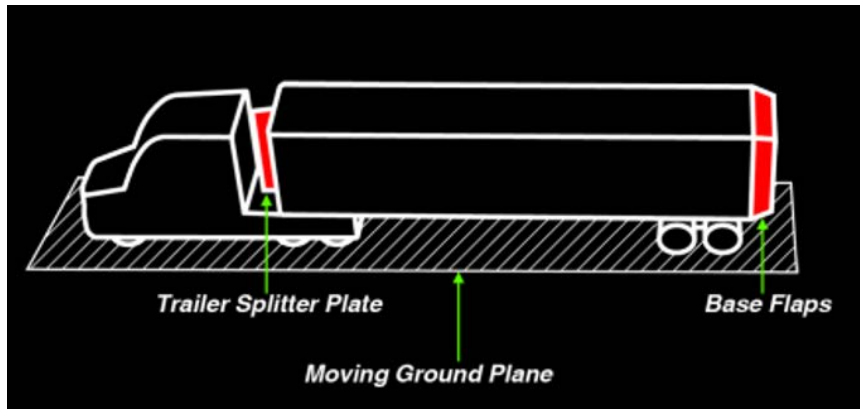
Why use the graphics support in the SimCenter?

Holley is dedicated to creating high-quality visuals to increase the effectiveness of your proposal. Even if you only request a flowchart, you will benefit from presenting your ideas to a non-expert in your field in a way that is immediately understandable.

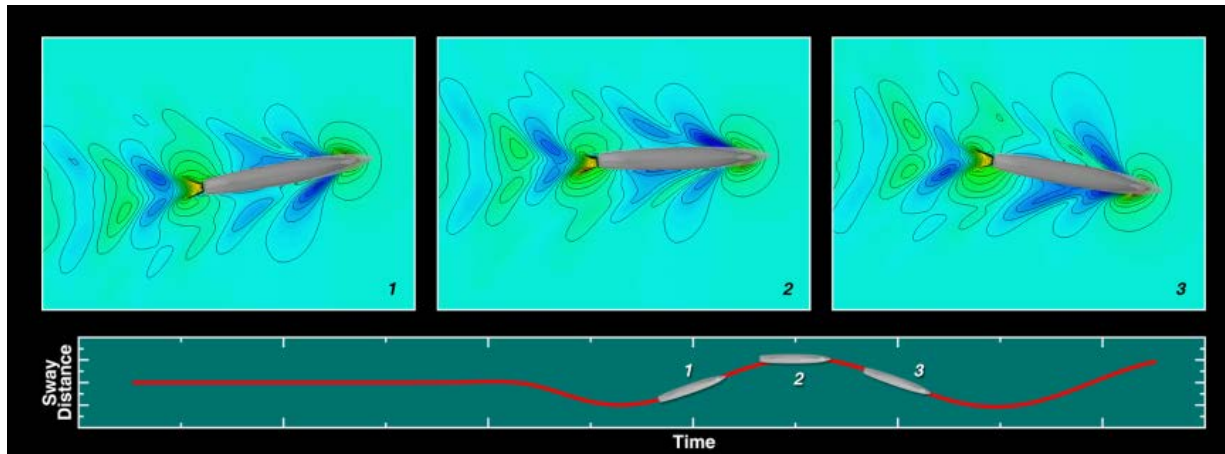
How much time to I need to allow for graphics work?

The timeline for graphics support is similar to that of proposal development support: you must make significant requests at least 10 days before the sponsor deadline. For maximum support and optimal results, contact Holley as soon as you have a concept to visualize.

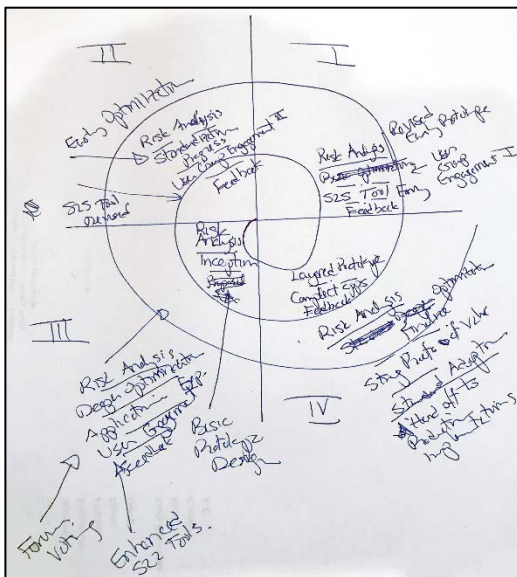
Further Examples



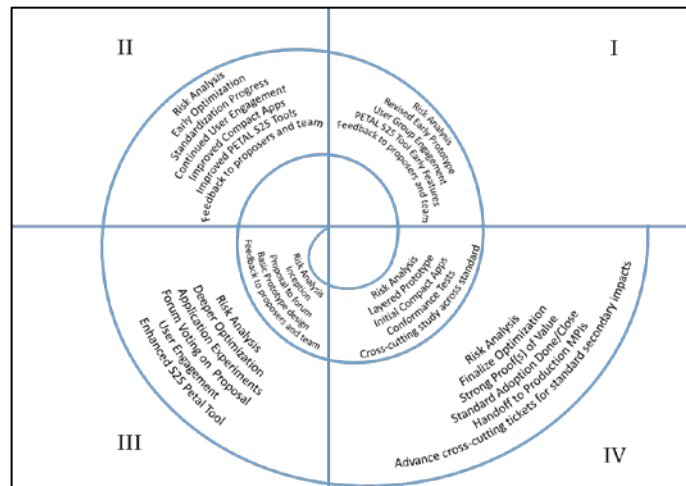
This image (truck) is a composite of multiple conceptual diagrams, to be displayed alongside flow models.



This image (submarines) combines free surface wave elevation contours with a graph of sway distance, per PI's specifications.



Original sketch



Final version