USGS Website Outline

Some notes:

* Could have two different “entry points” based on background?
  + Do you typically go in very linear order?
* Keep track of potential future functionality (in case this is a pilot)
* Need a workflow diagram with clickable steps (that point you to the page)
* How much do we teach them specific modeling skills vs. giving them background knowledge and let them plunge?
* We need a good inventory of what’s available

OUTLINE

1. How does veg vary on the landscape and how do we figure it out (look at BpS pub for content)?
   * What can and can’t/shouldn’t you do with this process (for more info see Climate section)
   * STSMs are a framework for exploring ecosystems and testing management. Your workflow might look like this.
2. Don’t know State and Transition Models? Start Here
   * Some additional background, adding more specificity…maybe some examples (and/or links to)
   * Video (from Apex) and little text
3. Get to Know LF BpS STM Models and Descriptions
   * What is LANDFIRE and why did they create these models. Map Zones (map?)
   * What do the models represent (historic)
   * What are they and how are they linked (model and description)
   * Application scale of the models
4. Your baseline: Understanding and reviewing your historic descriptions and models
   * How to find your model(s) go to landfirereview.org
   * What is all of this stuff in the description? Biophy who?
   * Maybe a nice looking diagram (would this be where we put an interactive image? This would be an image of a model in syncrosim)
   * Running the model…do the results match the description? Video? Printable instructions?
     + Setting initial conditions
     + Creating useful outputs like this:
   * Shiny app or data table if we can put the data together in time
5. Using the model to answer your very own question (video based…probably us)
   * Setting up your library…will need new video
   * Setting initial conditions—will need new video
   * Setting modeling standardsBest practices? For example, the set of possible states and disturbances, standardize how long you run the model for
   * Add states
   * Change disturbances (add, delete, modify)
   * How to document as you go
   * Things to think about
     + Including historical vs. current disturbance regimes
     + What new classes might you need
     + Etc
   * Incorporating climate
     + What you can/can’t do relevant to climate change here
6. Advanced modeling options-how far are we going into this? Does climate change go here? (Could be under 5; also could be “hidden” so you can click to it but it’s not in the top navigation)
   * Transition multipliers?
   * Spatial?
7. Contacts and Additional resources (here or embedded on other pages?)
   * Model review form
   * Model modification form
8. Perspectives—a more personable exploration of modeling, data limits, expectations, etc.