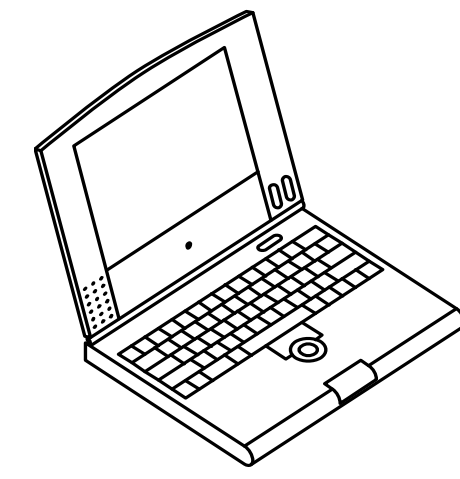


A web-based interactive timeline of social-environmental change in central south Phoenix: 1860-2012.



Introduction:

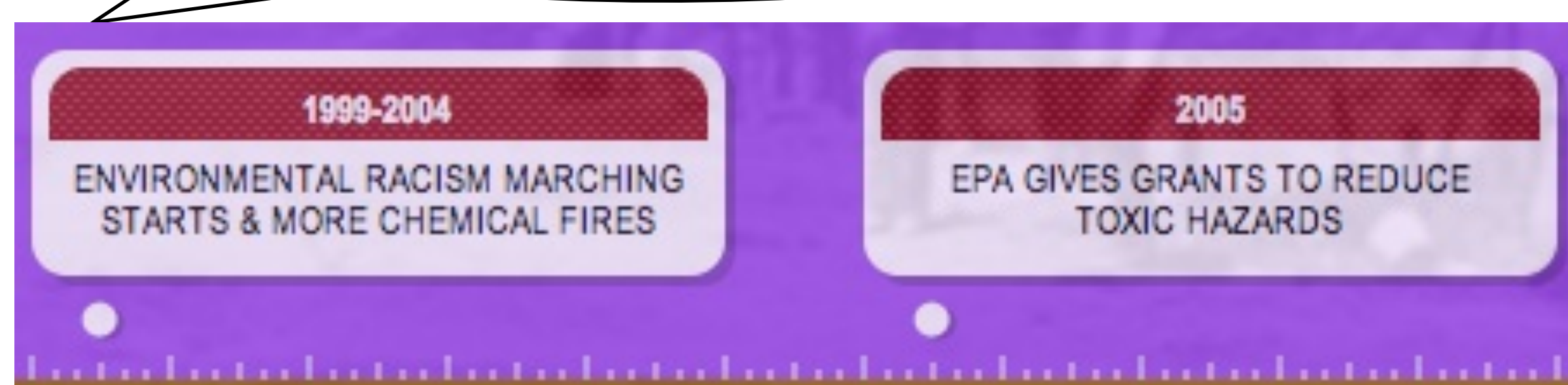
This project is a web-based interactive timeline that documents social and environmental changes in South Phoenix from its agrarian origins in the late 19th century through 20th century industrialization and 21st century development. This is a collaborative work between social and physical scientists who examined many data sources to synthesize a sophisticated understanding of how a community becomes vulnerable to multiple layers of injustices and risks.

What the timeline will do:

The timeline is a publicly accessible repository of data on events that have influenced and changed a historically minority community. Events are examined chronologically to show change in environmental and social trends over time and are organized by community, city and region to capture scale. Events are organized into broad categories to permit users to examine groups of events. Categories can be examined side by side for a holistic image. Events that cross categories, affect other events or reoccur through time are linked so that a user can follow the thread of a particular story.

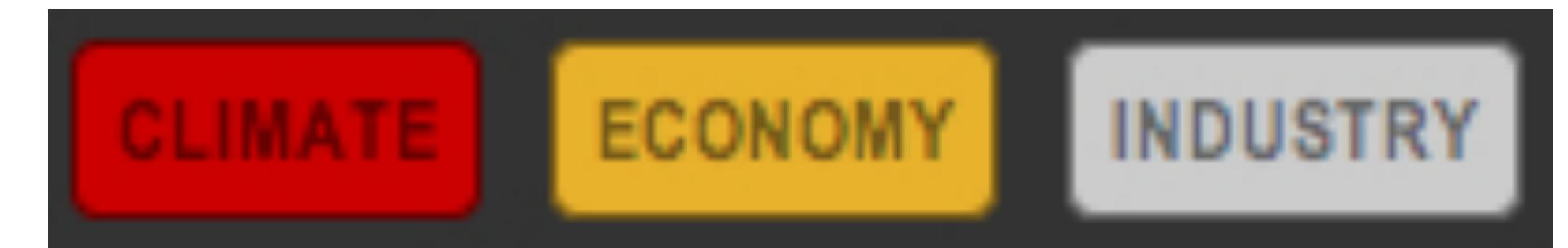
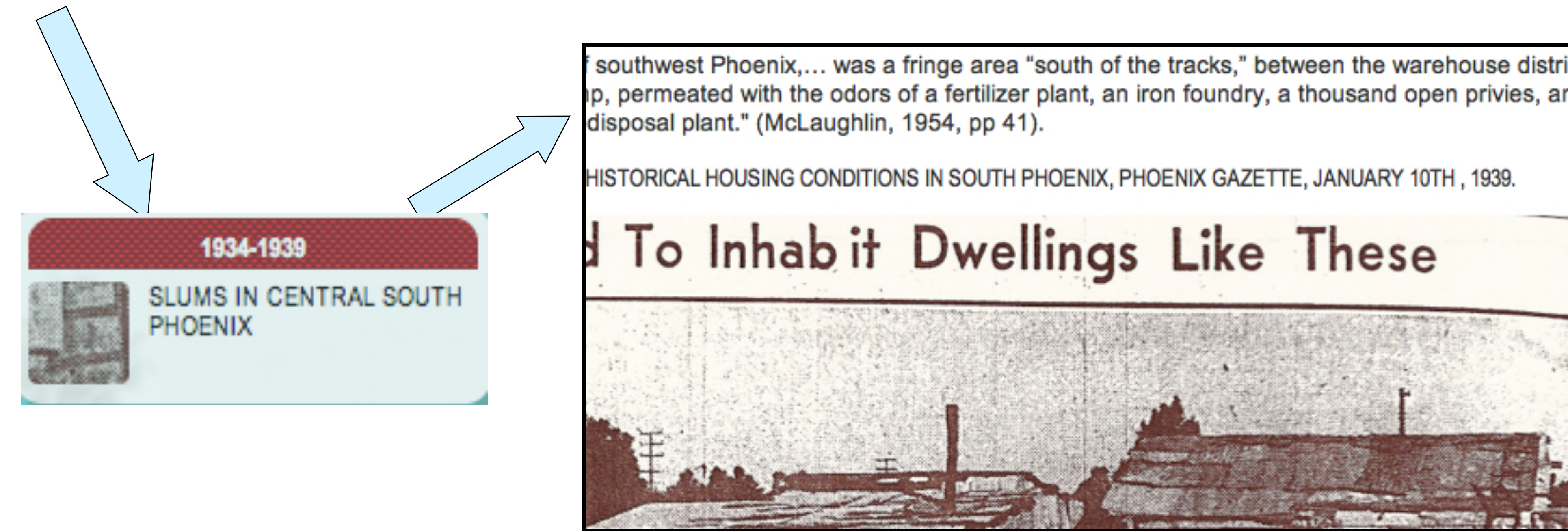
How the timeline presents data:

Individual events correspond to a single year or a series of events that takes place over a range of one to five years.



The scale of the event is denoted by color of the tags. Blue denotes regional; gold is city; and red is community.

Most events are clickable, which allows the user to find out more. The event can be expanded to show extended text, pictures, audio or video (follow the blue arrows). Events have citations, or in some cases links, giving the viewer further research options.

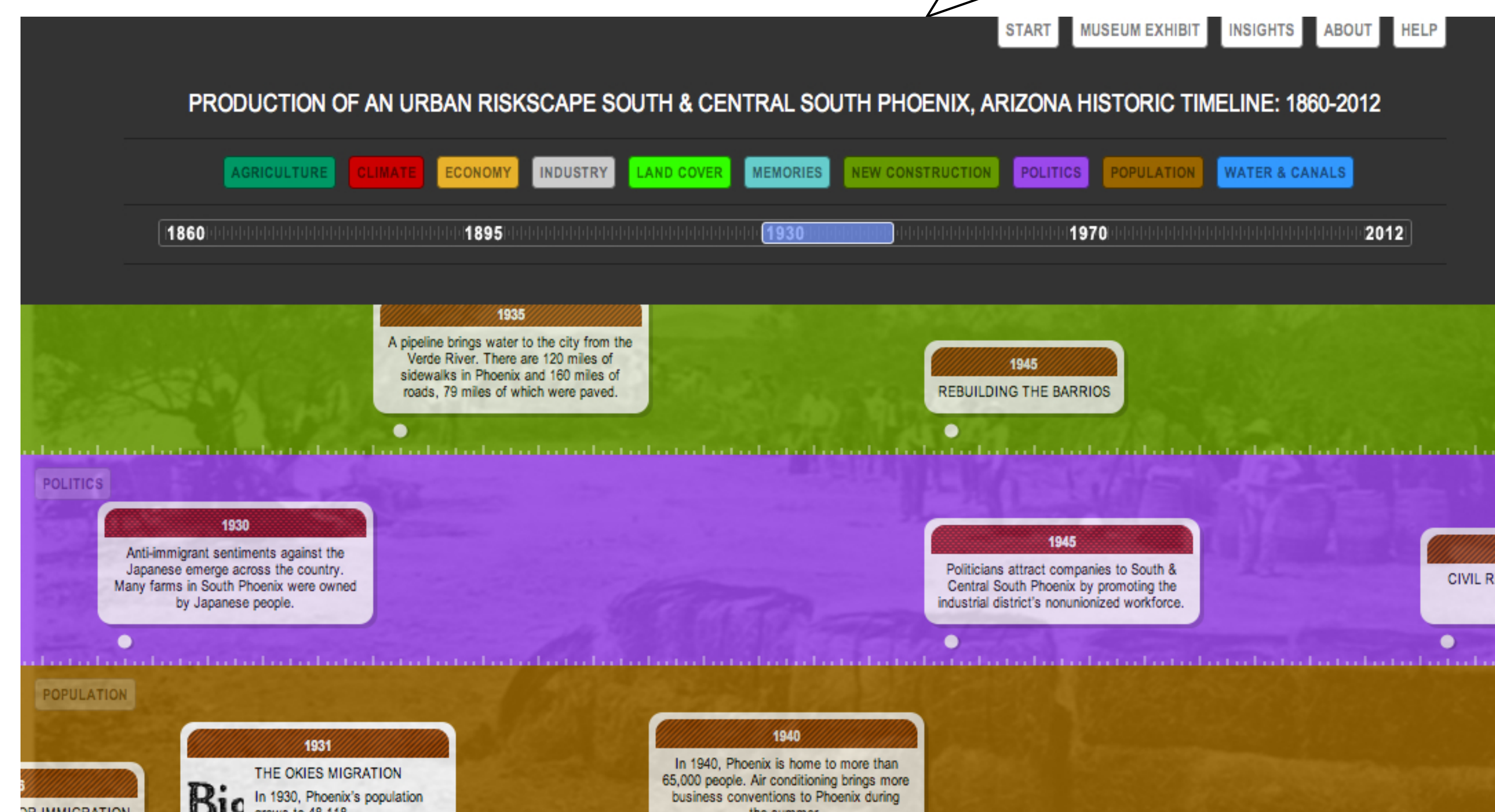


Categories can be turned on and off using buttons. For example, if you wish to compare "Climate", "Economy" and "Industry," click off the other categories so that only the categories of interest are displayed.



Dragging the horizontal scroll bar will allow the viewer to progress chronologically through the timeline. To view the many categories use the vertical scroll bar.

A sample of how the timeline components come together.



Value of the Timeline:

The basic history of South Central Phoenix is familiar to some: The original Mexican-American community formed in response to late 19th century exclusionary practices discouraging minorities from living within the old Phoenix Township. By the early 20th century, the community became a reservoir for immigrating poor and served as an inexpensive labor pool. Services, such as roads, sewers and electricity, did not come to the community until the 1950s. The mid-to late-20th century saw the community carved up by new highways and neighborhoods were inundated with industrial and toxic waste facilities. During the turn of the millennia, activism increased and new community organizations have begun to combat earlier injustices and mitigate environmental risks.

The interactive timeline is a data repository that allows researchers to analyze the events underlying social and environmental change. It is a living document that can be amended in the future as more information becomes available. It is an educational tool for CAP LTER scientists and Arizonans of all ages.

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