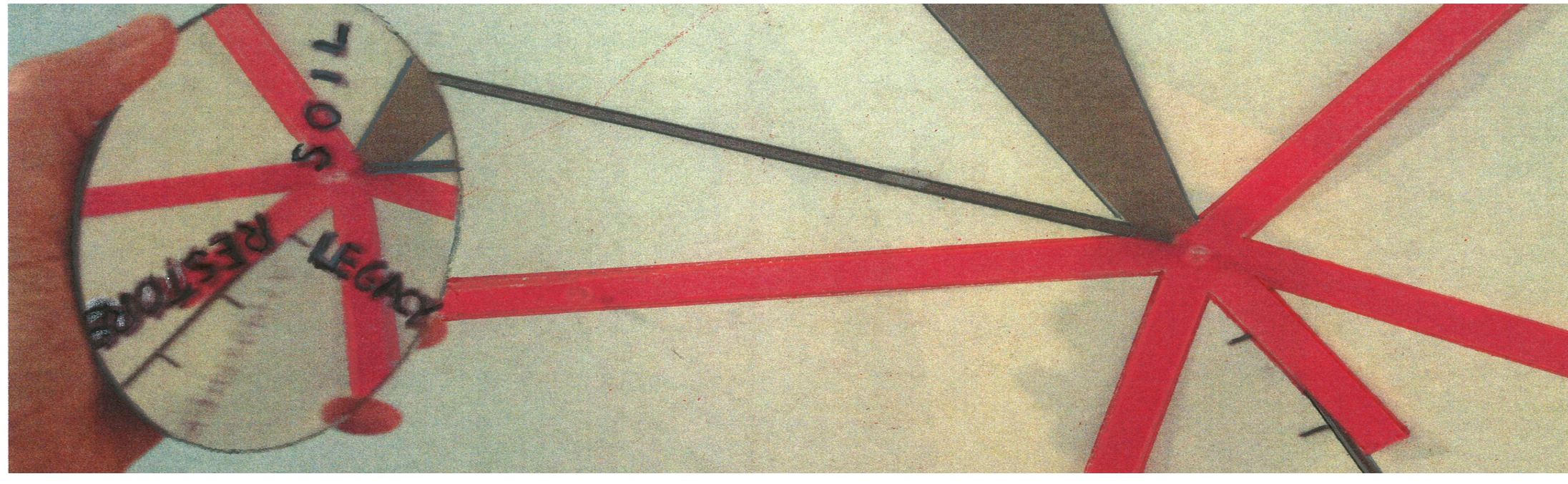


STREAM / LINES

Indianapolis / City as Living Laboratory

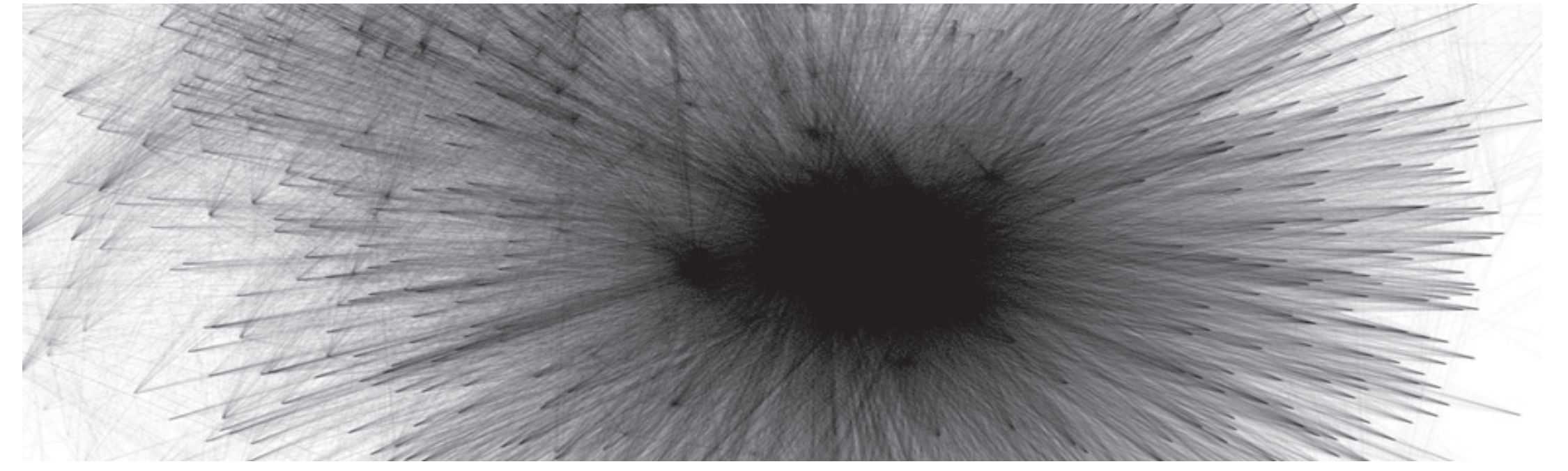
This poster was prepared by:
 - MM/City as Living Laboratory
 - Butler University
 Under Award 1323117 from the
 National Science Foundation (NSF)
 The statements, findings, conclusions, and
 recommendations are those of the author(s)
 and do not necessarily reflect the views of the
 National Science Foundation (NSF).



The line of Science

Science topics and site narratives are being collaboratively developed with artists and scientists. Through multiple site visits and research the team narrowed the water-related science themes and associated salient keywords for each site. The themes contain specific scientific aspects of interest in the urban water system but broad enough to include numerous interdisciplinary elements. The recurring keywords serve as the simplified structure for connecting the sites and weaving the story of water throughout Indianapolis.

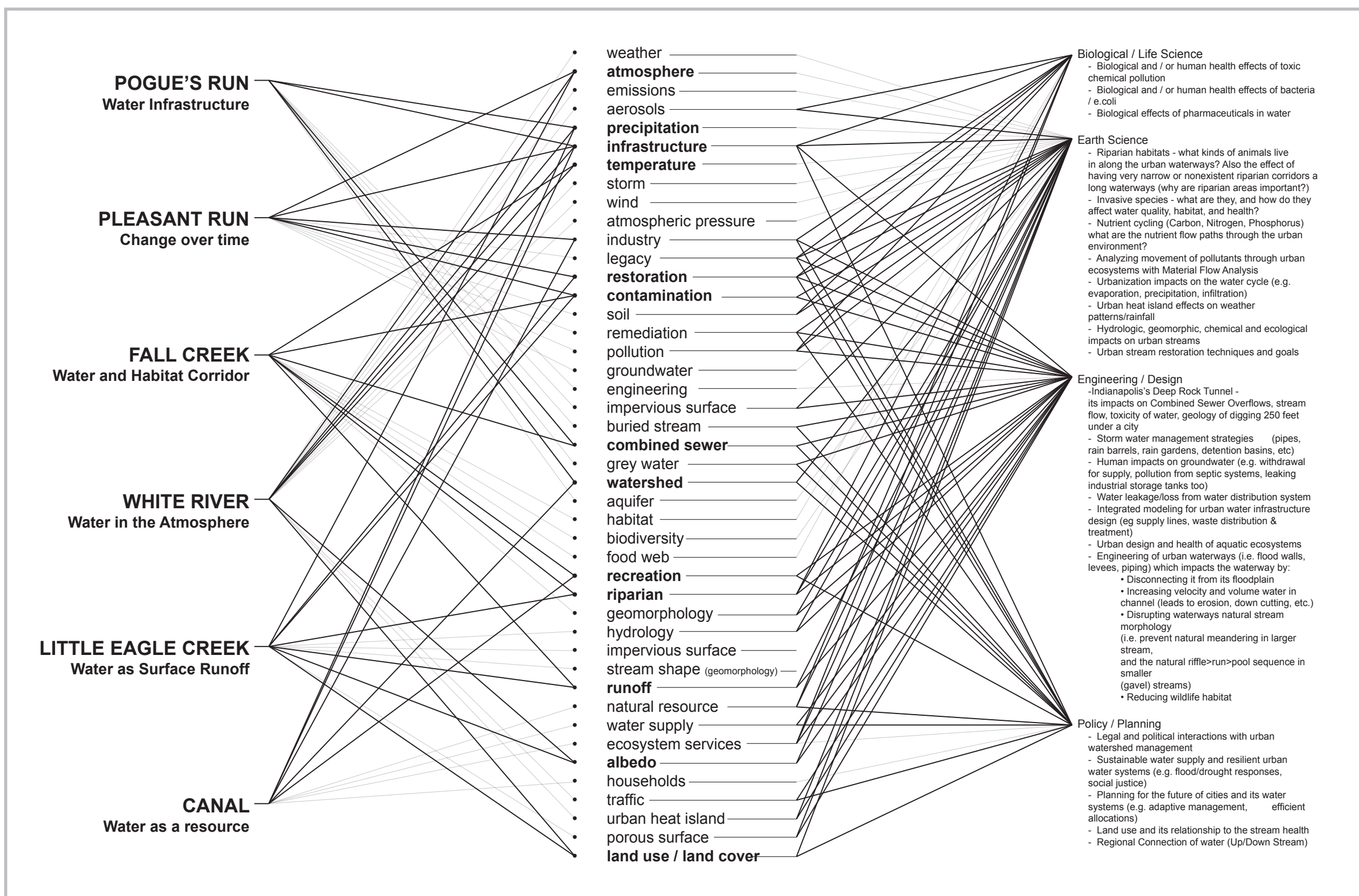
The Lines of Science Framework



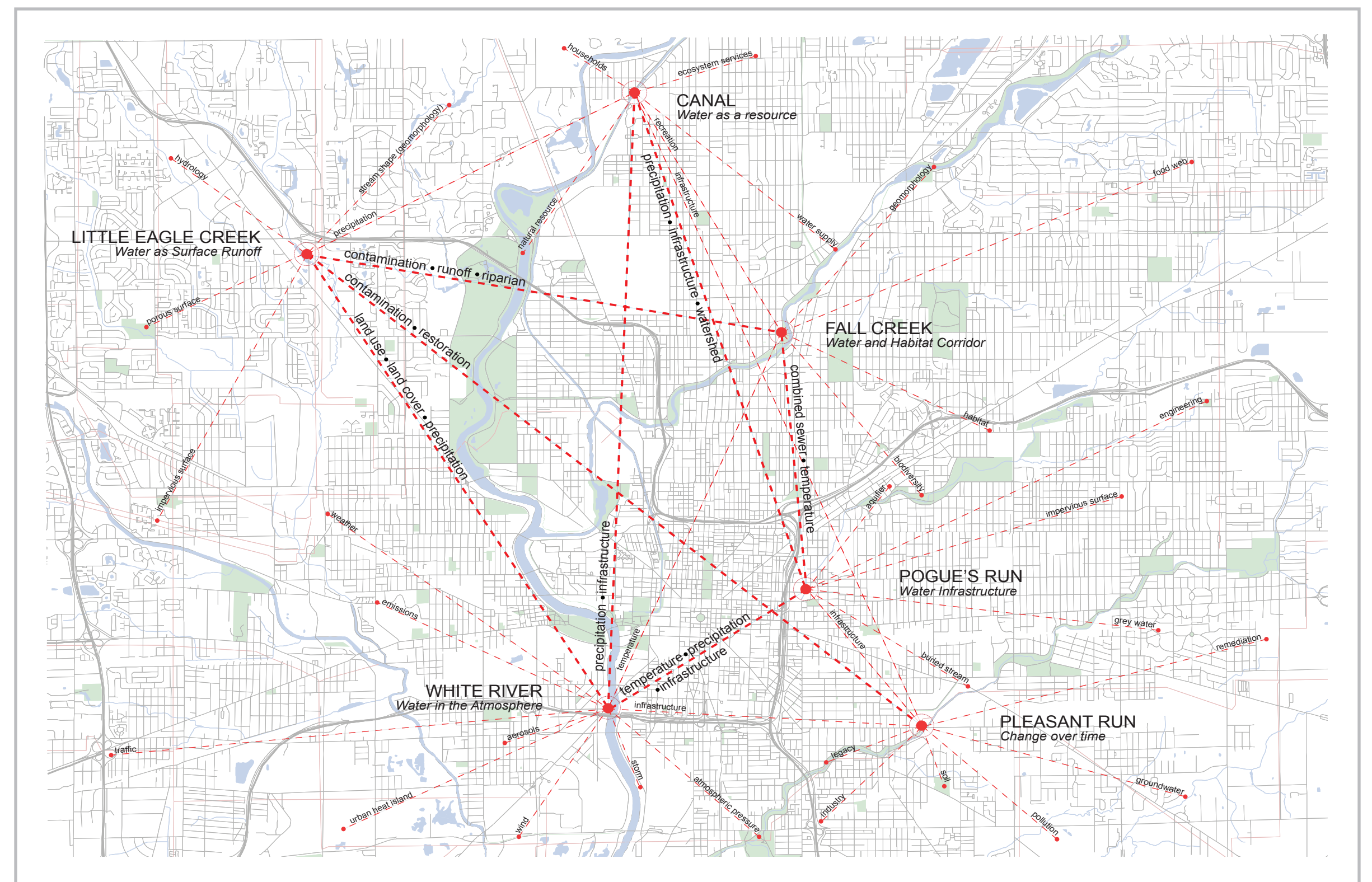
The line of Art

The conceptual framework was inspired by and evolved from the Muir web that illustrates the intricate network through which we are connected. The project icon of a splayed star pattern demonstrates the multiple ways STREAM / LINES is intended to operate. At its most basic conceptual level, the icon represents multiple paths of content exploration radiating out from the core science theme at each site. Visitors will be encouraged to freely explore these subtopics in physical space as the site configuration will further suggest how the topics are related.

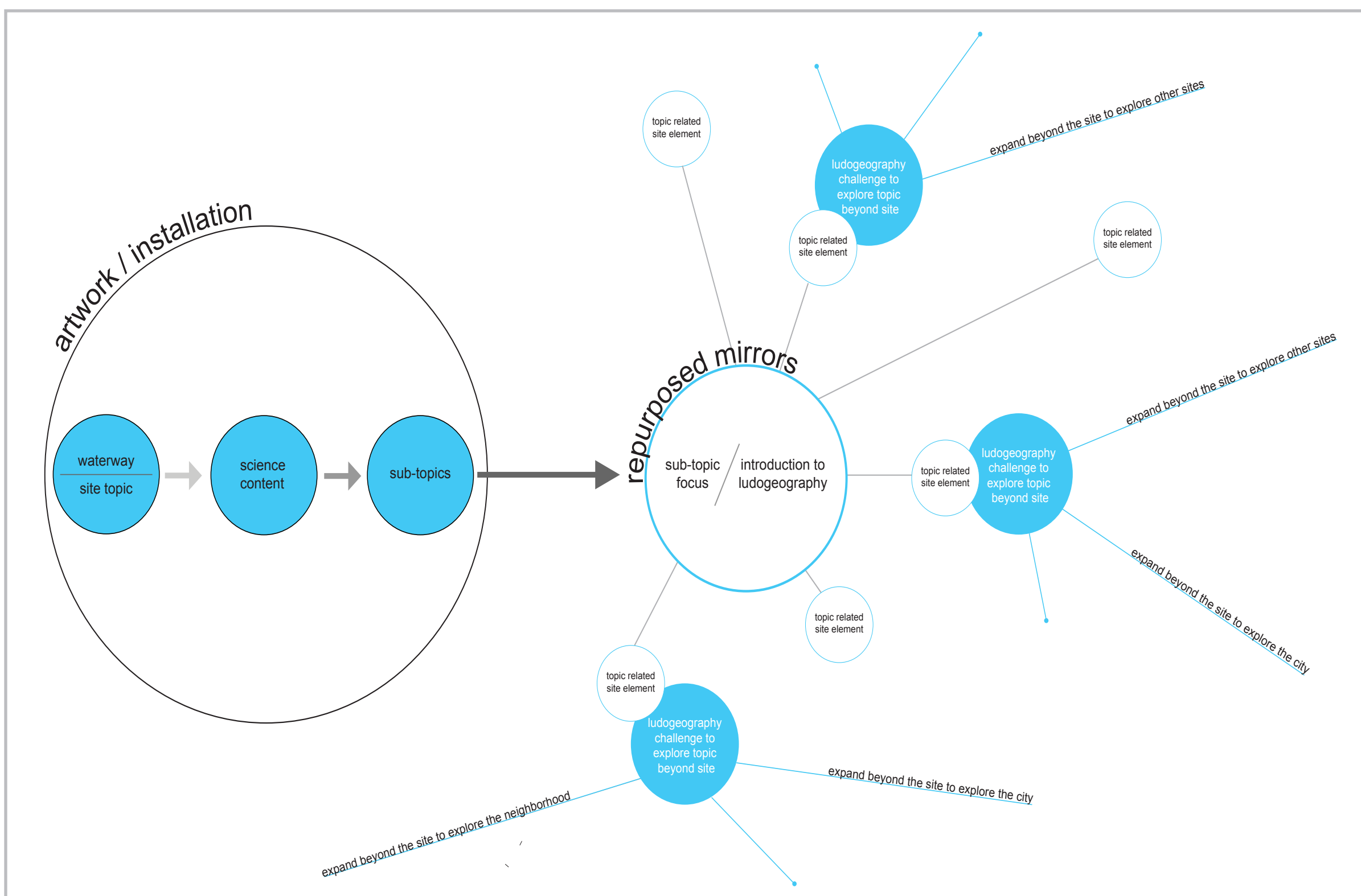
The Lines of Art Framework



Keywords Diagram



Keywords and Sites



The Lines of Science and Art Content Diagram

Tactics at Each Site

Kinesthetic Experience of Place

- walking / moving,
- guided viewing at specific points
- the search or treasure hunt

The senses of the site

- sight - focus on unnoticeable things
- sound - introduce new sounds, stories, or voices
- touch - allow an intimacy
- smell - find the differences

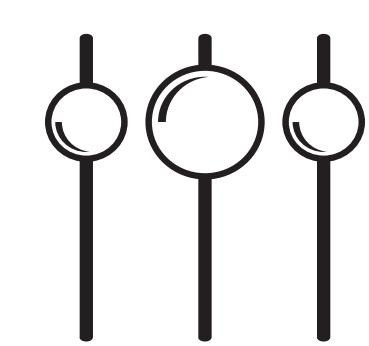
Metric / Equivalencies

- human scale references to flows & consumption
- volume of flow
- miles of pipe
- distance travelled

Minimal intervention in the existing landscape

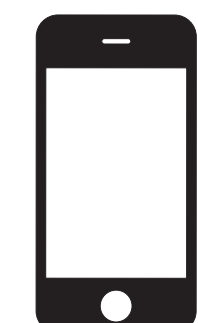
- build on what is already present

Confluence at Each Site



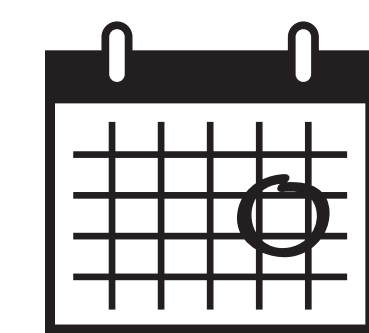
Art Works

- Visual Art
- Dance
- Music
- Poetry



Virtual

- Dial Up
- Ludogeography
- Track-a-raindrop



Event

- Projections
- Readings
- Musical Performances
- Research Stations
- Waks

Tactics & Confluence at Each Site

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¹ Center for Urban Ecology, Butler University; ² Indianapolis University-Purdue University Indianapolis; ³ New Knowledge Organization; ⁴ Mary Miss/City as Living Laboratory©



STREAM / LINES is a city wide informal science learning initiative to engage the citizens of Indianapolis with the ways the White River and its tributaries support their lives. Six communities along six major waterways have been selected as focal sites for this project. These communities represent a diverse demographic in Indianapolis. Evolving from the 2011 installation FLOW (Can You See the River?) and other precedent projects in the city, a community network built on a collective impact framework was formed. This network, Reconnecting to Our Waterways (ROW), relied on neighborhood plans, local leadership, and expressed desires of the neighborhood residents to the six locations.

This is an implementation of the innovative framework called, 'City as Living Laboratory: Sustainability made Tangible Through the Arts' (CaLL). CaLL is intended to make issues of social, economic and environmental sustainability compelling to

the public. It envisions the city as a laboratory where collaborations amongst artists, scientists, communities and policy makers can make a city's pressing issues apparent to its citizens through place-based projects and events. For STREAM / LINES, four different art forms (visual, musical, poetry, and dance) are combined with relevant science content about the watershed to create informal learning sites in the city.

The intention is to give communities adjacent to each of the sites a better sense of how their daily lives are connected to the river systems and how extensively the waterways connect their daily activities. The goal is to create curiosity at one site that will translate into a desire to visit all six locations. In combination, these sites will reveal multiple aspects of the city's water system through the network. By dispersing sites around the city, STREAM / LINES initiates new opportunities for informal learning about urban water systems and uses the entire city of Indianapolis as the educational environment.