

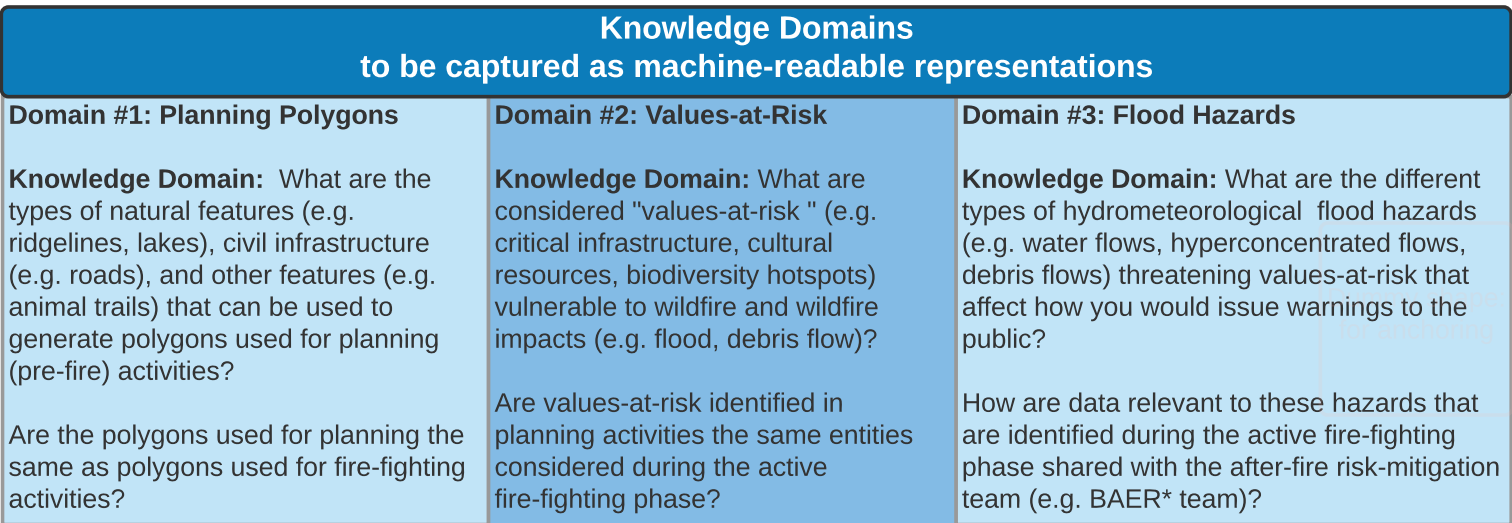
Wildfire data and information interoperability across fire management phases

Brian Wee¹, William Teng², Dave Zader³

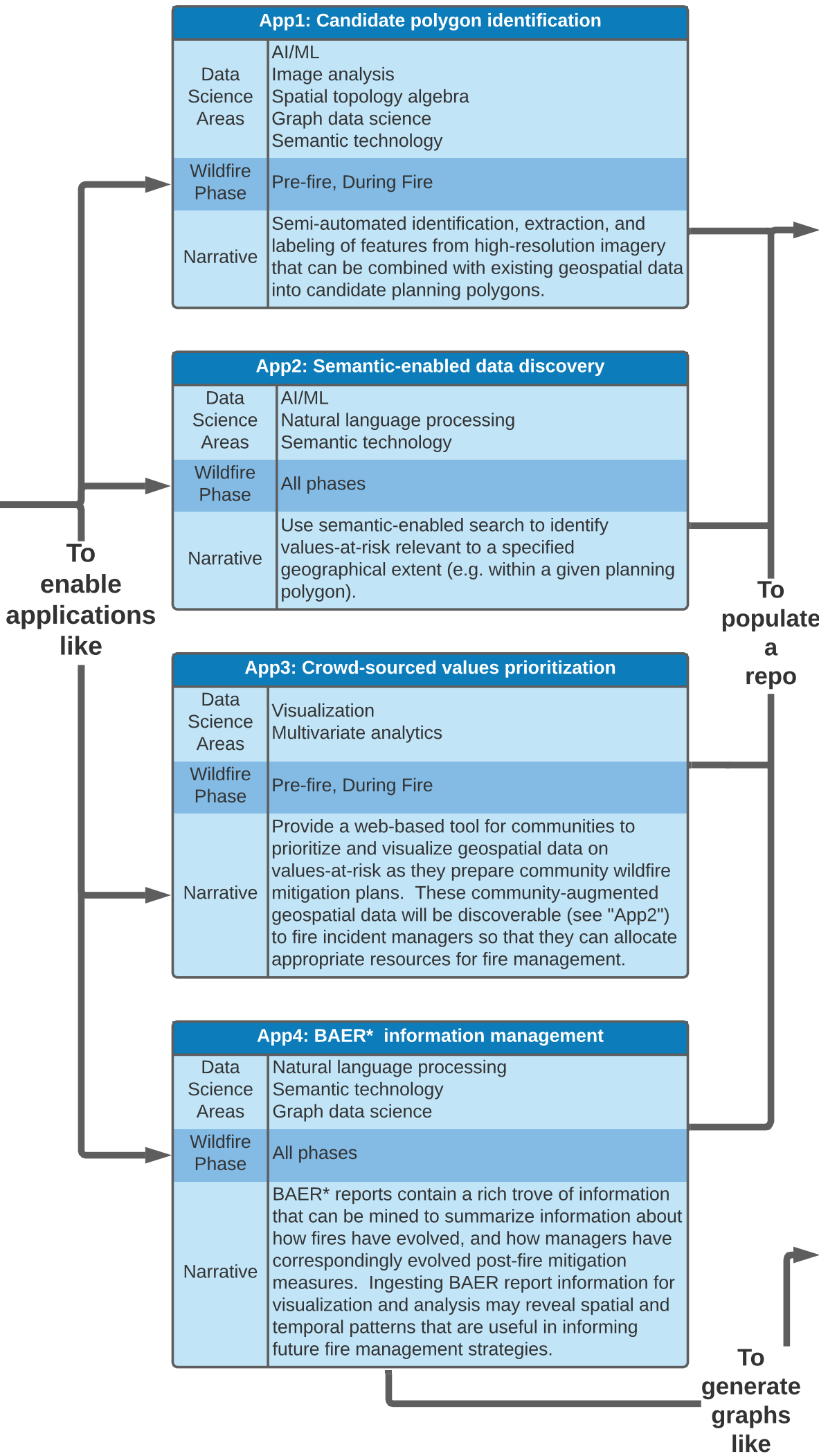
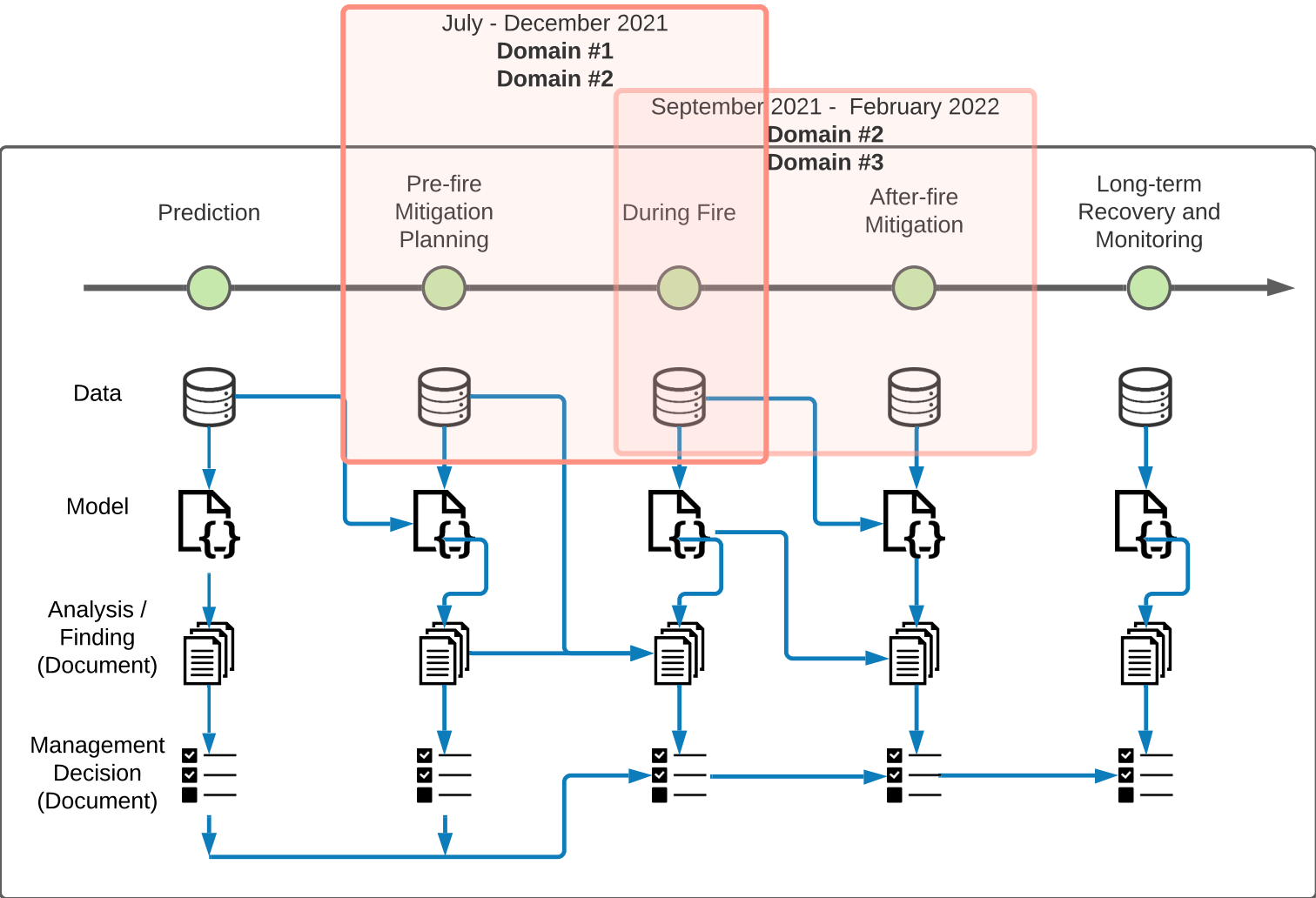
Wildfire data and information should ideally be reusable and repurposable across different fire management phases.

For example, infrastructure that is vulnerable to wildfire-induced floods identified during the active-fire fighting phase should be easily discoverable to city managers weeks or even months later, when heavy rains on burn areas may trigger catastrophic debris-flows that threaten lives.

The Agriculture and Climate Cluster and the Semantic Harmonization Cluster are examining how formally encoded knowledge about disasters like wildfires can be used to enable applications that result in wildfire data and information interoperability across fire management phases.



* BAER stands for "Burned Area Emergency Response"



A "Prototype Needs Repository" can be used to:

- Foster project ideas for ESIP FUNDing Friday, ESIP Lab, USGS Community for Data Integration, etc. by connecting stakeholders to parties interested in developing experimental prototypes.
- Enable the visualization of how informatics capabilities may help fulfill stakeholder needs via experimental prototypes.

