The definitions below are derived from California Water Budget Handbook v5.6.

Water Budget Zone: A water budget zone is the geographical extent of a user-defined water management area. It consists of land, surface water and groundwater systems. It not formally a part of our framework for visualizing state-level water budgets. But it is an important concept for understanding water budget systems (mentioned below in Flow Source and Flow Sink).

Jurisdiction: Jurisdiction is the state over which a water budget is applied. A jurisdiction is comprised of multiple water budget zones.

Component: Each component is a flow of water associated to a particular human application or a natural phenomenon.

* Estimation Method *(hasEstimationMethod)*: An estimation method is a mathematical formula or procedure to estimate one or more water budget components.
  + Parameter *(hasParameter)*: Parameters are variables and/or coefficients that make up an estimation method.
    - Data Source *(hasDataSource)*: Each parameter is derived from a data source.
* Flow Type *(isFlowType)*: Flow type defines the movement direction of a component. There are 3 possible values:
  + Inflow: A component is an inflow when it is flowing into a water budget zone.
  + Internal Transfer: A component’s flow type is internal transfer when it flows from one system to another within a water budget zone.
  + Outflow: A component is an outflow when it is flowing out of a water budget zone.
* Flow Source *(flowSource)*: Flow source is the system of a water budget zone from which a component originates.
* Flow Sink *(flowSink)*: Flow sink is the system of a water budget zone where a component ends.

Flow source and flow sink have 6 possible values:

* + Atmosphere: Atmosphere is the layer of gases surrounding the Earth.
  + Zone Land System: It is the land system that comprises of the land surface and the unsaturated zone extending vertically below the land surface to the top of the groundwater system within a water budget zone.
  + Zone Groundwater: It is the groundwater system that extends vertically from the unsaturated zone below the land surface to the bottom of a basin within a water budget zone.
  + Zone Surface Water: It is the surface water system that includes water bodies such as lakes, rivers, streams, reservoirs, conveyance facilities and diversion ditches that are part of water supply systems for meeting human demands.
  + External Groundwater: It is the groundwater system located outside a water budget zone.
  + External Surface Water: It is the surface water system located outside a water budget zone.

Subcomponent of *(isSubComponentof)*: Subcomponents are components that up to make a larger component.

Partial Subcomponent of *(isPartialSubComponentof)*: Partial subcomponents are components that partially contribute to one or more larger components.

Exact Match *(isExactMatch)*: Two or more components, usually in different jurisdictions, are an exact match if they estimate the same type of flow associated to human application or a natural phenomenon.