Visual System Mapping Templates

Entity Relationship Diagram

Legend

relationship

Entity

Action

Action A

Entity A

Entity C

Entity B

Action B

Causal Loop Diagram

Legend

negative link

positive link

Variable /Node

Variable 1

Balancing

Variable 2

Reinforcing

Variable 3

Stock and Flow Diagram

Legend

relationship

Source/Sink

Stock

flow

Source

inflow a

Stock X

flow c

Stock Y

Sink

outflow bY

$$X_t = X_{t-1} - \beta Y_{t-1}$$

relationship
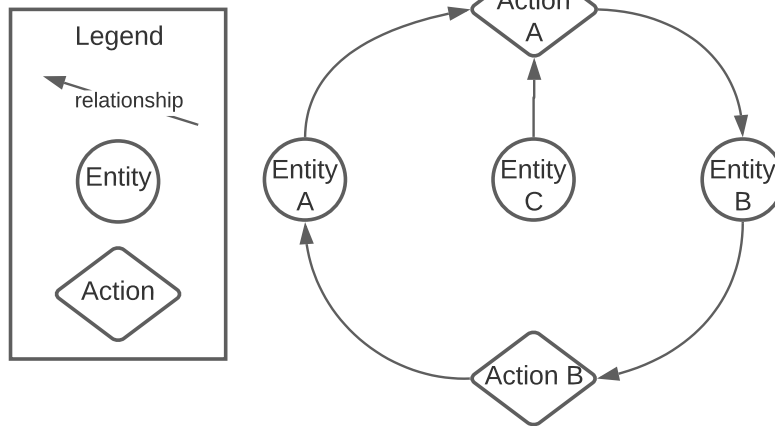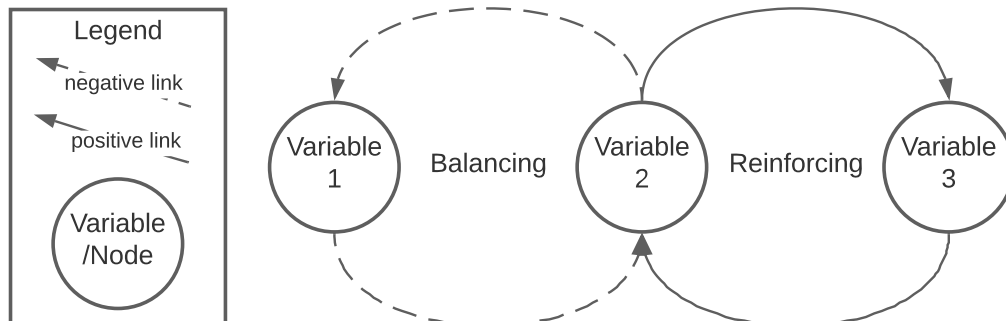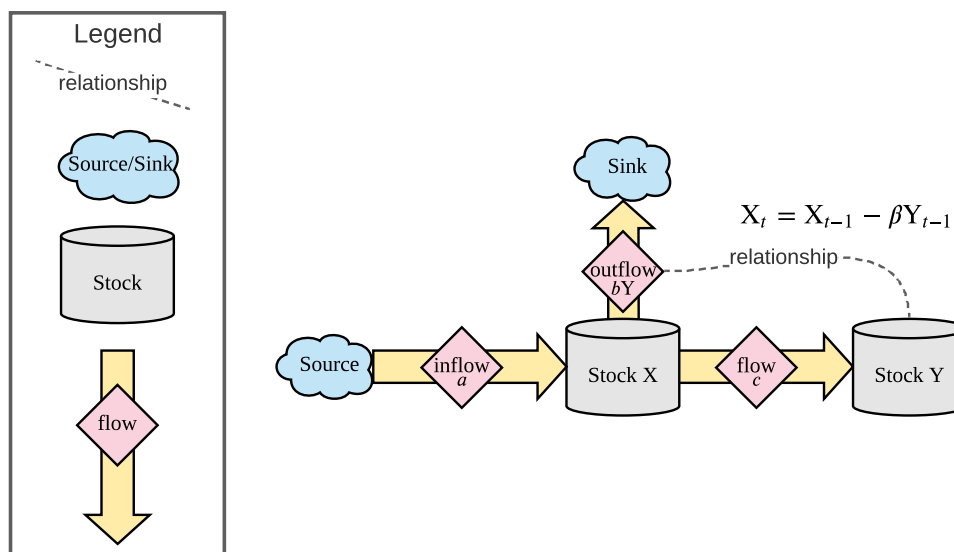
Differential Specification Diagram

Legend

- Policy Function (diamond)
- State Update Function (rounded rectangle)
- State Variable (cylinder)
- Metric / KPI (rectangle)

System Inputs

- Policy Function (User Decision)
- Policy Function (System Decision)
- Policy Function (Environmental Process)

State Update Logic

- State Update Function updating State A
- State Update Function updating State B
- State Update Function updating State C

System States

- State Variable A
- State Variable B
- State Variable C

System Metrics

- Metric X
- Metric Y