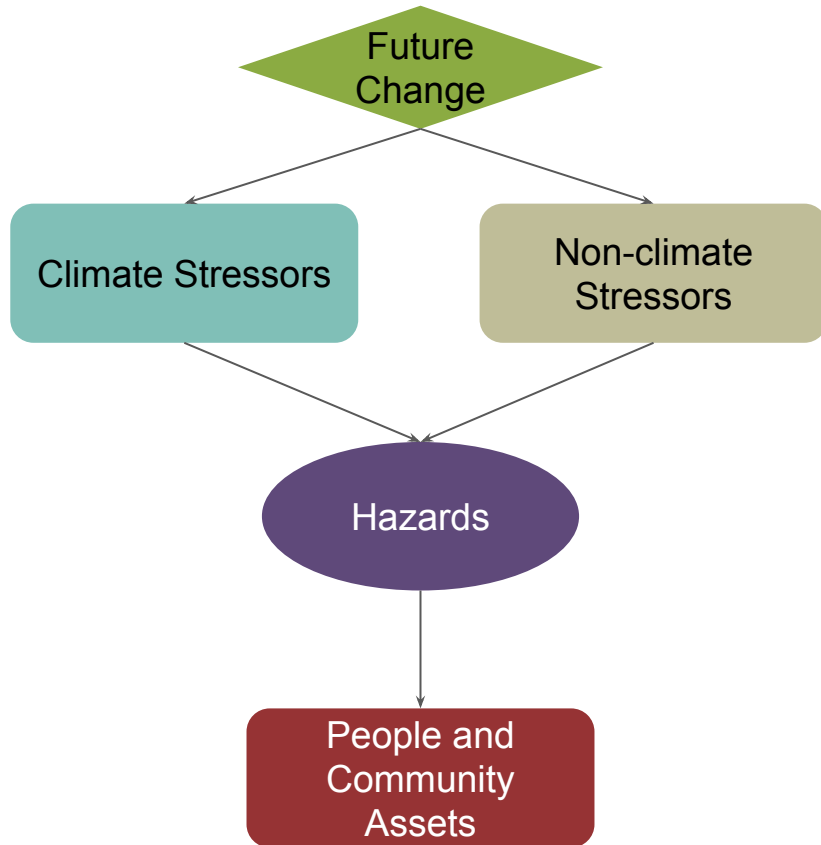


# Build a Conceptual Model

WHO	This is an exercise that can be completed by the full planning team with support from the practitioner.
WHAT	Space to complete the systems thinking and conceptual model exercise and an example.
SUPPORTING RESOURCES	<a href="#"><u>2.1 Systems Thinking and Conceptual Models -Guidance</u></a>
INSTRUCTIONS	<ol style="list-style-type: none"><li>1. Review the supporting resource</li><li>2. Options:<ol style="list-style-type: none"><li>a. Copy the entire conceptual model on slide 3 to a new slide and replace the component names with your model, or</li><li>b. Copy and paste the components on slide 4 to a blank slide as you build your conceptual model, changing the names to examples along the way</li></ol></li><li>3. Build as many as needed for the project; compare and discuss as a team</li></ol>

# Example: A Conceptual Model for Building Resilience



- Communities will **not** make decisions based on climate alone
- Must be **integrated** with other stressors across multiple sectors
- Driven by **values**
- Leads to recognition and understanding of **vulnerability and linked actions to build resilience**

# 1. Start with things we value: people and community assets

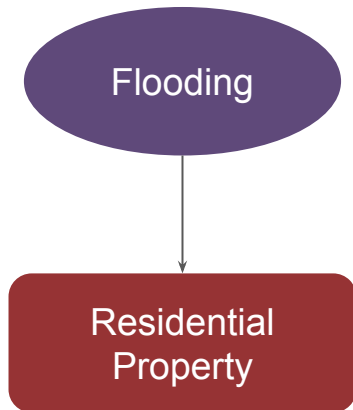
Theme	Asset Types
Commercial Property	Non-residential properties that serve businesses and organizations. Hotels, restaurants, offices, etc.
Residential Property	Single-family and multi-family residences, low-income housing, apartments, manufactured houses, and mobile home parks
Industrial Property	Factories and companies that manufacture goods or materials. Includes distribution centers and industrial sites that store raw materials, such as gravel and concrete
Mixed-Use Property	Properties that are a combination of multiple uses, like commercial and residential
Critical Facilities	Fire and police stations that aid in emergency response, as well as other critical facilities not included in another category
Natural Areas, Parks, Greenways	All parks and community centers
Government-owned Property	All government-owned properties, except for those associated with parks and recreation and critical facilities
Cultural Property	Religious and historic properties
Medical Property	Major regional hospitals and local clinics

Refer back to [2.3 Community Asset Themes - Worksheet](#) (left), choose one of the themes

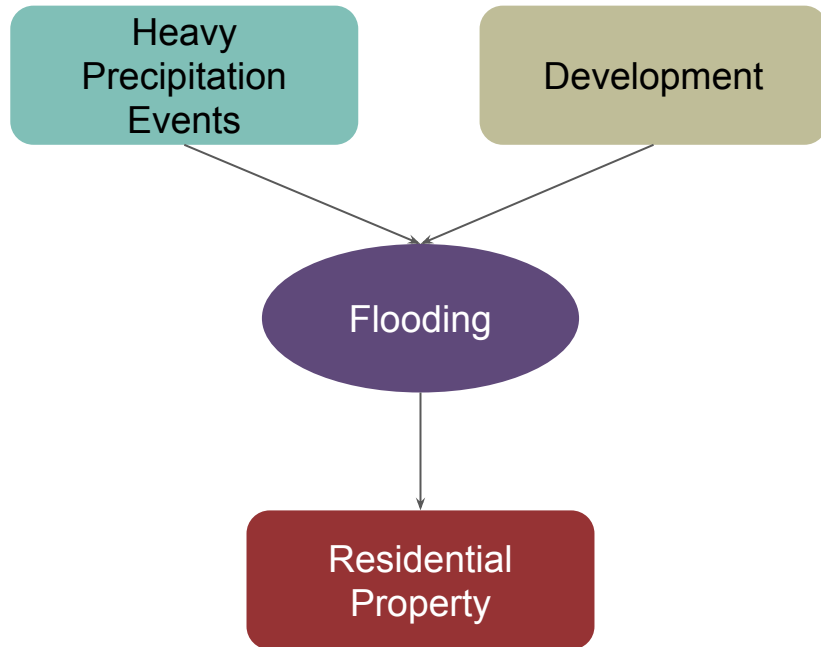
People and  
Community  
Assets

## 2. Add hazards

Return to [2.5 Evaluate Hazards and Stressors - Worksheet](#) for a list of hazards that are currently or most likely to affect the community. Choose one.



### 3. Link stressors (climate and non-climate)

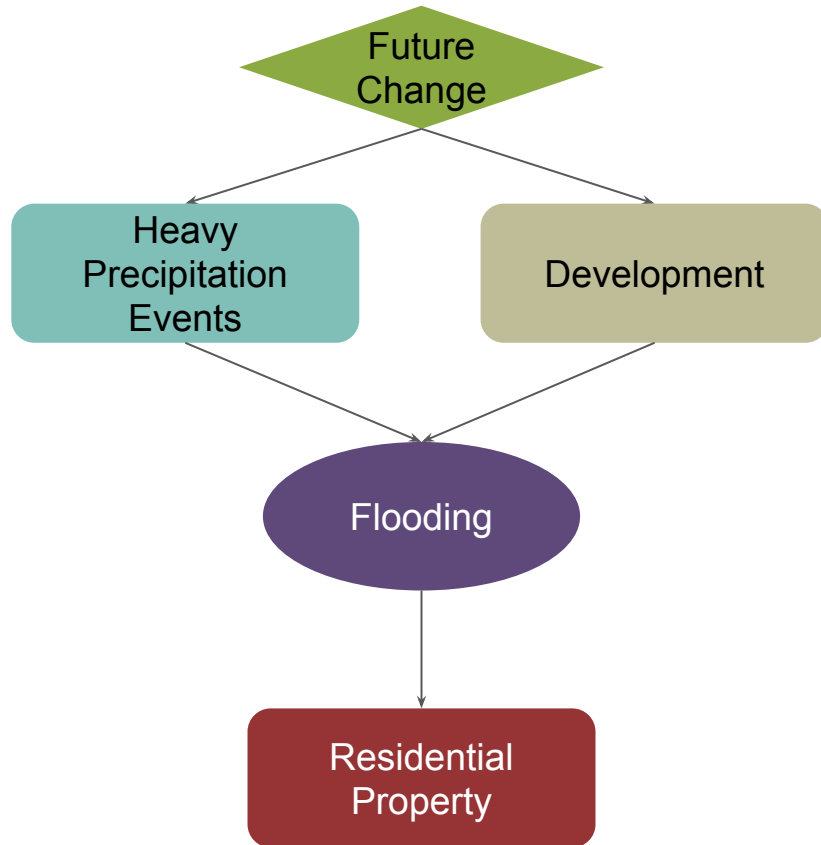


Again, using [2.5 Evaluate Hazards and Stressors - Worksheet](#), identify climate and non-climate stressors related to the hazard.

**Table 4** in the Practitioner Guide can also be used

Flooding (Floodplain Inundation)	Sea level rise	Increased development/impervious surfaces
	Increase in rainfall frequency/intensity	Aging/undersized infrastructure

## 4. What could change?



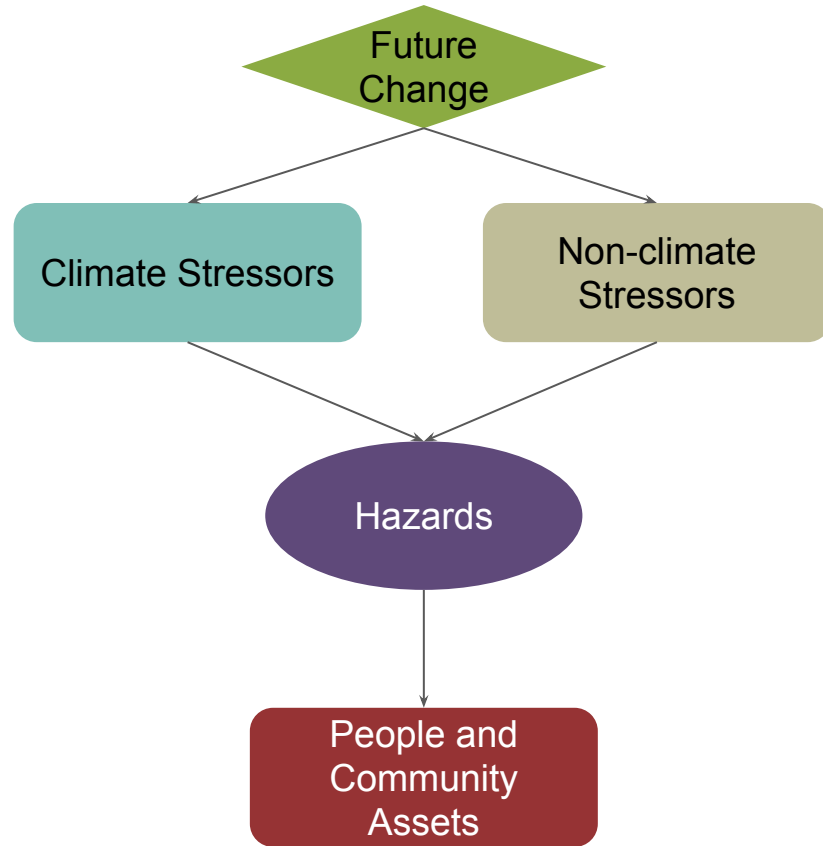
Refer back to [2.5 Evaluate Hazards and Stressors - Worksheet](#)

Are any of the stressors projected to change? If so, how will that impact the hazard, community stressor, and the impacted asset?

Now it's your turn...

# Full Conceptual Model

Copy and paste this model to a new slide and replace the component names with your model.



# Components for Building a Conceptual Model

Copy and paste these to a blank slide, updating the component names as the conceptual model is built:

