

The DWR Building Code Team has completed an extensive effort listing the potential threats to human life and structure during flood events. Thereafter, a systematic process was developed and used to identify chief flood threats, the threats with most potential to cause serious injury or death.

Threat: Entrapment due to the lack of a safe evacuation route and/or a location.

Solution: User-friendly egress accommodations and a safe temporary location prior to rescue.

Threat: Serious injury or death caused by structural failure.

Solution: Reduce chances of collapse in a reasonable timeframe providing time for egress or rescue.



Threat: Loss of emergency response functions.

Solution: Keep essential operations functional at emergency facilities

Threat: Significant risk to public health due to release of hazardous chemicals.

Solution: Reduce public exposure to harmful or fatal hazardous contamination to better prepare industry for major floods.