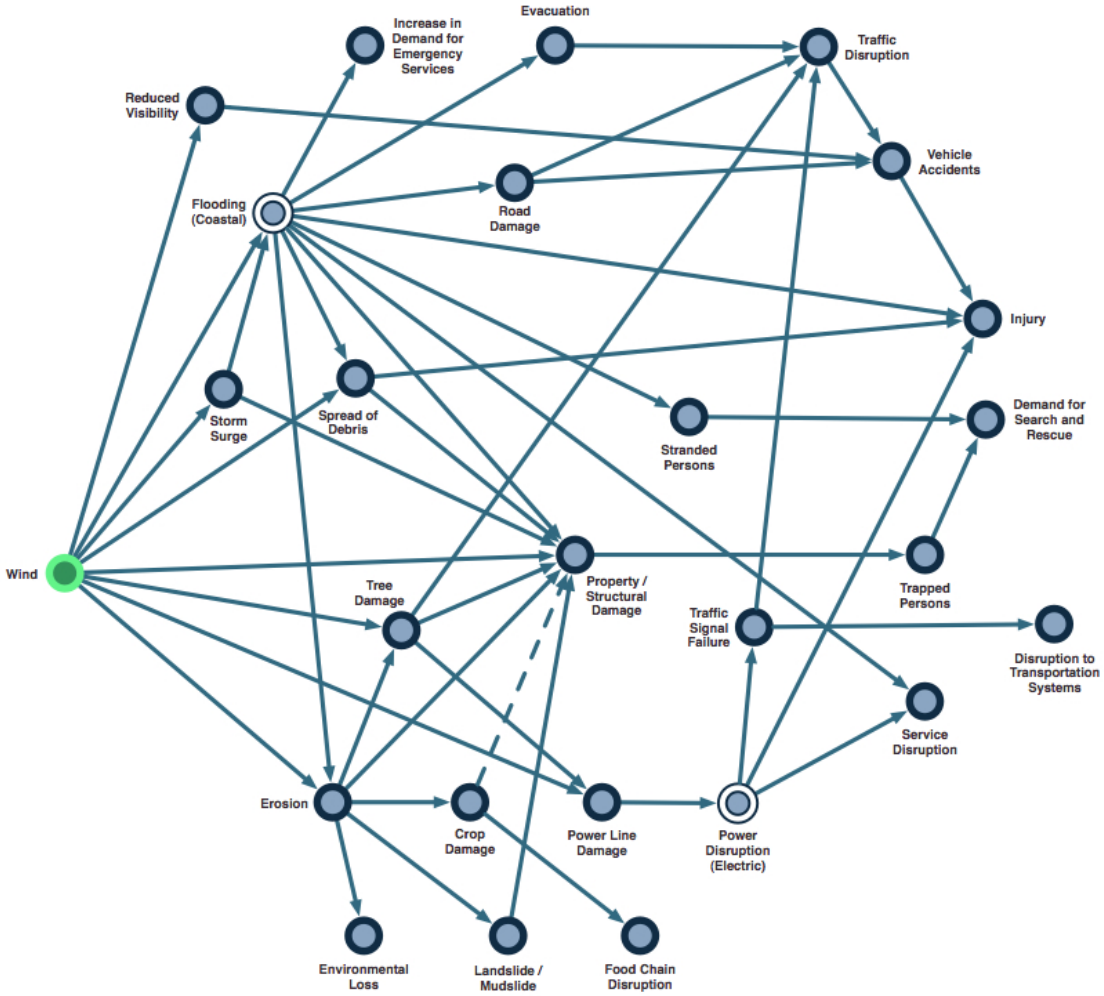
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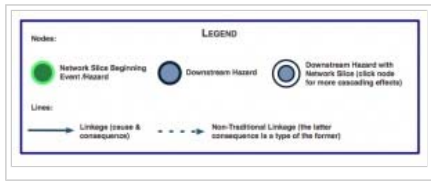
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Wind Hazard Network

From The Full-Spectrum Risk Knowledgebase



NOTE: As with all hazard network slices included in The Knowledgebase, the above slice is a working draft and may be updated.



Examples of historical events related to wind and the downstream hazards above may be found in the Historical Events section of The Knowledgebase and in individual event/hazard descriptions.

Narrative Description of the Hazard Network

Below is a list of the hazards and outcomes caused by wind as depicted in the above network slice. Complementing this narrative description is a list of all Linkages pages found on the Wind Hazard Network.

- Reduced Visibility (which may cause)

- Vehicle Accidents (which may lead to) *(see also the Vehicle Accident Hazard Network)*
  - Injury *(see also the Injury Hazard Network)*

- Flooding (Coastal) (which may cause) *(see also the Flooding Hazard Network)*
  - Increase in Demand for Emergency Services
  - Evacuation (which may lead to)
    - Traffic Disruption (which may result in)
      - Vehicle Accidents (which may cause hazards as previously listed, including Injury) *(see also the Vehicle Accident Hazard Network)*
  - Road Damage (which may lead to)
    - Traffic Disruption (which may result in hazards as previously listed, including Vehicle Accidents, among others)
    - Vehicle Accidents (which may result in hazards as previously listed, including Injury)
  - Injury *(see also the Injury Hazard Network)*
  - Stranded Persons (which may lead to)
    - Demand for Search and Rescue
  - Service Disruption
  - Property/Structural Damage (which may lead to) *(see also the Property/Structural Damage Hazard Network)*
    - Trapped Persons (which may result in)
      - Demand for Search and Rescue
  - Spread of Debris (which may lead to)
    - Injury *(see also the Injury Hazard Network)*
    - Property/Structural Damage (which may result in hazards as previously listed, including Trapped Persons, among others) *(see also the Property/Structural Damage Hazard Network)*
  - Erosion (which may lead to) *(see also the Erosion Hazard Network)*
    - Tree Damage (which may result in) *(see also the Tree Damage Hazard Network)*
      - Traffic Disruption (which may cause hazards as previously listed, including Vehicle Accidents, among others)
      - Property/Structural Damage (which may cause hazards, as previously listed, including Trapped Persons, among others) *(see also the Property/Structural Damage Hazard Network)*
      - Power Line Damage (which may cause)
        - Power Disruption (Electric) (which may lead to) *(see also the Power Disruption Hazard Network)*
          - Traffic Signal Failure (which may result in)
            - Traffic Disruption (which may cause hazards as previously listed, including Vehicle Accidents, among others)
          - Injury *(see also the Injury Hazard Network)*
          - Service Disruption
    - Property/Structural Damage (which may result in hazards as previously listed, including Trapped Persons, among others) *(see also the Property/Structural Damage Hazard Network)*
    - Crop Damage (which may result in)
      - Property/Structural Damage, of which Crop Damage is a type, (which may cause hazards as previously listed, including Trapped Persons, among others) *(see also the Property/Structural Damage Hazard Network)*
      - Food Chain Disruption
    - Landslide/Mudslide (which may result in) *(see also the Landslide Hazard Network)*
      - Property/Structural Damage (which may cause hazards as previously listed, including Trapped Persons, among others) *(see also the Property/Structural Damage Hazard Network)*
    - Environmental Loss *(see also the Environmental Loss Hazard Network)*

- Storm Surge (which may cause)
  - Flooding (which may result in hazards as previously listed, including Increase in Demand for Emergency Services, Evacuation, Road Damage, Injury, Stranded Persons, Service Disruption, Property/Structural Damage, Spread of Debris, and Erosion, among others) *(see also the Flooding Hazard Network)*
  - Property/Structural Damage (which may result in hazards as previously listed, including Trapped Persons, among others) *(see also the Property/Structural Damage Hazard Network)*

- Spread of Debris (which may cause)
  - Injury *(see also the Injury Hazard Network)*
  - Property/Structural Damage (which may lead to hazards as previously listed, including Trapped Persons, among others) *(see also the Property/Structural Damage Hazard Network)*

- Property/Structural Damage (which may cause) *(see also the Property/Structural Damage Hazard Network)*
  - Trapped Persons (which may lead to)
    - Demand for Search and Rescue

- Tree Damage (which may cause) *(see also the Tree Damage Hazard Network)*
  - Traffic Disruption (which may lead to)

        - Vehicle Accidents (which may result in) *(see also the Vehicle Accident Hazard Network)*
            - Injury *(see also the Injury Hazard Network)*
    - Property/Structural Damage (which may lead to hazards as previously listed, including Trapped Persons, among others) *(see also the Property/Structural Damage Hazard Network)*
    - Power Line Damage (which may lead to)
        - Power Disruption (Electric) (which may result in) *(see also the Power Disruption Hazard Network)*
            - Traffic Signal Failure (which may cause)
                - Traffic Disruption (which may lead to hazards as previously listed, including Vehicle Accidents, among others)
                - Disruption to Transportation Systems *(see also the Disruption to Transportation Systems Hazard Network)*
            - Injury *(see also the Injury Hazard Network)*
            - Service Disruption

- Power Line Damage (which may cause hazards as previously listed, including Power Disruption (Electric), among others)

- Erosion (which may cause) *(see also the Erosion Hazard Network)*
    - Tree Damage (which may lead to hazards as previously listed, including Traffic Disruption, Property/Structural Damage, and Power Line Damage, among others) *(see also the Tree Damage Hazard Network)*
    - Property/Structural Damage (which may lead to hazards as previously listed, including Trapped Persons, among others) *(see also the Property/Structural Damage Hazard Network)*
    - Crop Damage (which may lead to)
        - Property/Structural Damage, of which Crop Damage is a type (which may lead to hazards as previously listed, including Trapped Persons, among others) *(see also the Property/Structural Damage Hazard Network)*
        - Food Chain Disruption
    - Landslide/Mudslide (which may lead to) *(see also the Landslide Hazard Network)*
        - Property/Structural Damage, of which crop damage is a type (which may lead to hazards as previously listed, including Trapped Persons, among others) *(see also the Property/Structural Damage Hazard Network)*
    - Environmental Loss *(see also the Environmental Loss Hazard Network)*

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