

Visit **WWW.FloodReady.vermont.gov** for data, maps and information This document is online at: <u>tinyurl.com/nextstepsVT</u>

Protecting river corridors and floodplain functions are the most effective way to prevent future flood damage. When we protect these critical areas we give rivers the room they need to adjust to the water, sediment, debris and energy that shapes them. When river channels can adjust from side to side then large flows do not dig down and become overly powerful and destructive of roads, culverts, bridges and buildings.

Over time, rivers able to spill onto their floodplains become less prone to catastrophic flooding and erosive damage.

Here's what your community can do right now to reduce damage from flooding

- 1. Protect River Corridors, floodplain functions and your natural flood protection.
- 2. <u>Local Emergency Operations Plan</u> keep it up to date (due annually after Town Meeting and before May 1)
- 3. Local Hazard Mitigation Plan identify problems, set priorities, and access funds to reduce known risk
- 4. Municipal Road Standards work toward safe and reliable roads
- 5. National Flood Insurance Program so anyone can access flood insurance

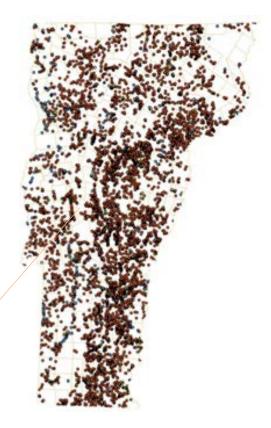
Where are your river corridors and floodplains? Which roads, culverts, and homes are already at risk?

What actions has your community already done? Get a Summary.

Over 10,000 buildings in Vermont including 400 families in Bennington County are in the flood hazard area.

The single most costly natural hazard in Vermont is damage from flooding-caused erosion.

Federal Public Assistance Grants after Declared Disasters in Vermont



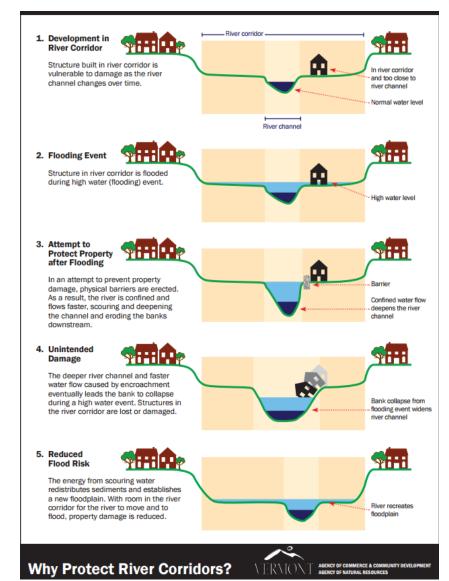
What are river corridors?

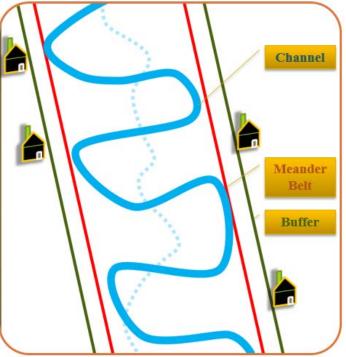
River Corridor Maps can be viewed on the Flood Ready Atlas <u>tinyurl.com/floodreadyatlas</u>

River Corridors and floodplains are different but related. The River Corridor is the area that provides the physical space that the river needs to express its energy and meander without causing it to dig down. A floodplain is the area where water flowing out over the river bank spreads out.

Together these areas describe the dynamic area affected by channel changes and/or by the extent of flood water.

Flood Insurance Rate Maps can be viewed on the FEMA Map Service Center <u>www.msc.fema.gov</u>





Avoiding new encroachments within river corridors, where meanders, bed forms, wooded banks, and floodplains function to dissipate flood energy and distribute flood deposits, is the least-cost method of mitigating flood damages.

Learn about incentives for communities that protect River Corridors and reduce damages from flooding.

Emergency Relief and Assistance Fund (ERAF) tinyurl.com/erafvt

