

Vermont River Management Program: Using Fluvial Geomorphology as an Organizing Principle that Supports Community-Based River Corridor Management

<p>Segment 1: VT River Management Program (13 min)</p>	<p>Introduces the RMP's role in managing, protecting and restoring Vermont's rivers. Describes program objectives, funding and technical assistance, and opportunities for municipalities, organizations and individuals to engage with this exciting program.</p>
<p>Segment 2: River Dynamics (10 min)</p>	<p>Explains the science of how rivers continually change, adjust and evolve. Provides a new perspective on why and how river corridors have been historically managed, the present consequences of historic river management approaches, and opportunities for the future.</p>
<p>Segment 3: Meanders and Floodplains (9 min)</p>	<p>Describes the physical process of floodplain and river meander development and the time scales involved. Explains why floodplains and meanders are so critical to long term stability of the river system.</p>
<p>Segment 4: Stream Geomorphic Assessment (12 min)</p>	<p>Builds a foundation for river protection, management, and restoration. Illustrates the application of river assessments in project identification, development and implementation. Supports watershed-scale river conservation strategies.</p>
<p>Segment 5: Fluvial Erosion Hazard Program (9 min)</p>	<p>Re-defining community relationships with rivers. Promotes sustainability of river systems to maximize the social and economic potential of river systems through reduction and avoidance of flood and fluvial erosion hazards.</p>
<p>Segment 6: River Restoration (15 min)</p>	<p>Describes a long-term geomorphic approach to river corridor protection and restoration. Illustrates a multi-objective approach to resolving and avoiding conflicts, water quality improvement, and aquatic and riparian habitat restoration.</p>