

# Mapping Dynamic Rivers to Understand their History—and Future:

A Channel Migration Study  
of the Clark Fork River between Missoula and Huson

*An Evening Presentation and Discussion with Karin Boyd,  
Applied Geomorphology*

Wednesday December 8, 2010, 6:30- 8:30 pm  
Mill Creek Steakhouse  
The King Ranch Golf Course,  
17775 Mullan Road in Frenchtown

Our Montana rivers move and change over time and during different seasons, eroding river banks and creating new channels. Channel migration mapping is a relatively new tool that can help us better understand river movement and predict where rivers may move in the future. This, in turn, can help landowners and communities prevent sometimes costly and potentially catastrophic damage to property, roads, bridges, and structures.

Join us for an evening with Karin Boyd to learn about channel migration mapping as well as a study of our own Clark Fork River between Missoula and Huson, recently completed by Boyd and the Missoula Water Quality District. We'll discuss study results and view channel migration maps for this stretch of the Clark Fork, which shows the historical movement of the river as well as predicted future paths for this dynamic river.

Boyd has mapped river movement on several rivers in Montana and enjoys sharing this tool with communities across the state. If you live, work or play near the Clark Fork or just enjoy learning more about our rivers, don't miss this informative event.

**THIS EVENT IS FREE AND OPEN TO THE PUBLIC.**

For more information contact Missoula County Rural Initiatives at  
258-3432 or [www.co.missoula.mt/rural](http://www.co.missoula.mt/rural)

**Hosted by Missoula Conservation District, Missoula Water Quality District, and  
Missoula County Rural Initiatives**