





Managing Idaho's Landscapes for Ecosystem Services



We measure channel change by collecting, stitching and analyzing historic aerial imagery using Agisoft Photoscan and ArcMap 10.4

Creek.

Quantifying the Effectiveness of Restoration Using Water Quality in an Agriculturally Dominated Watershed: A Case Study from Marsh Creek, ID Idaho State Graham Meese, Ben Crosby Idaho State University, Geosciences NIVERSITY



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Channel Metrics	1941	2013	% Change
ve. channel width (m)	9.0 +/- 3.0	8.9 +/- 2.8	Not significant
Channel Length (km)	20.65	18.73	-9.3 %
inuosity	2.09	1.89	-9.6%

- US Fish and Game
- Trout Unlimited
- Private Landowners

Portneuf Soil and Water Conservation District US Forest Service





- bank erosion along lower Marsh Creek.
- Progressive implementation of conservation actions appear to be corelated with a decline in annual sediment loads in the late 1990's.