

## WATERSHED ASSOCIATIONS and SPECIALISTS

We are so pleased to be able offer you a workshop with the Pennsylvania Fish and Boat Commission on stream bank stabilization/habitat enhancement.

The Pennsylvania Fish and Boat Commission has been installing habitat enhancement structures (which also provide significant bank protection) since 1988 and this may be just the ticket for small scale problems.

The Fish Commission has developed design specifications for structures (mostly log and rock) that stabilize up to 250 linear feet of bank while significantly improving fish habitat. These structures take minimal design, require very limited stream system evaluation, require GP1 permits (which are very simple) and are relatively inexpensive to build.

For those of you who have been around for awhile, you know that we have collectively struggled with techniques to manage stream bank erosion in an ecologically sound manner. "Natural Channel Design" is a technology that we have invested countless hours and lots of money on... and it does hold promise for larger areas needing stabilization. But we all acknowledge that this technology requires a great deal of up-front engineering, complex permitting and significant funds to implement. We also know that where failures occur it can be expensive to correct them. Because of all the up front engineering and "whole stream system" type analysis required with Natural Channel Design, it is not very cost effective for correcting problems on a small scale. The Fish Commission's approach represents another tool for us to consider.

Once a group gets up to speed on the application, permitting and construction of these habitat structures, they may be able to undertake hands-on projects with limited grant support. The legwork involved would be within the abilities of nearly any group that has the desire.

Please join us either March 12th or March 13th to learn about the Fish and Boat Commission's new Habitat Enhancement Program. This may prove to be a very important partnership for Watershed Associations as we move forward with stream restoration efforts.

March 12, 2007 -----Lycoming College, Room G11 Heim Science Building, Lycoming County, 7-9 pm  
March 13, 2007 ---- DEP Moshannon District Office, Centre County, 7-9 pm

**Directions to Lycoming College:** click on link below which contains the campus map. The Heim Science Building is #5 on that map. You may want to park at lot #23 as the Heim lot is often full.  
[www.lycoming.edu/admiss/visit/visino.htm](http://www.lycoming.edu/admiss/visit/visino.htm)

**Directions to DEP Moshannon District Office:** (District Mining Office), 186 Enterprise Drive, Philipsburg, PA. 16866, (814) 342-8200

From State College/Lewistown and points southeast:

Follow U.S. 322 West to State College and continue to Philipsburg. Turn right into the Moshannon Industrial complex. From Altoona and points south and west:  
Follow U.S. 220 (I-99) to S.R. 350 (Bald Eagle Exit), continue on S.R. 350 West to Philipsburg. Turn onto route 322 West. Turn right into the Moshannon Industrial complex.

From DuBois and points west:

Follow I-80 east to Exit 133 (Kylertown), follow S.R. 53 South into Philipsburg approximately 10 miles. Turn right at the red light and follow route 322 towards State College. Turn left into the Moshannon Industrial complex.

From Williamsport and points northeast:

Follow U.S. 220 South to I-80, continue west on I-80 to Exit 133 (Kylertown). Follow S.R. 53 South into Philipsburg approximately 10 miles. Turn right at the red light and follow route 322 towards State College. Turn left into the Moshannon Industrial complex