

Bioengineering Solutions for Soil Erosion Control and Habitat Creation



Company Overview:

Salix provide sustainable solutions to the challenges found in soil and riverbank erosion and restoration projects. We also specialise in spillway and shoreline protection, inland dredging, wetland ecological enhancement and habitat creation schemes.

Our expertise has involved us in landmark projects such as the 2012 Olympic Park wetlands; replacing or reducing hard engineering within the Environment, Rail, Civil & Utilities sectors plus habitat mitigation for protected species. Our sensitive approach to all our work takes into consideration the Water Framework Directive that calls for improved biodiversity within UK watercourses.

Key Learning:

- 1) Improve knowledge of bioengineering products in order to provide correct specifications and correct choice of solutions.
- 2) Improve understanding of how bioengineering solutions are used to create habitat, prevent scour and soil erosion on slopes, spillways, riverbanks, lakes and drainage channels.
- 3) Improve understanding of how bioengineering solutions perform in comparison to hard revetment.

Contact: If you or your colleagues are interested in arranging a presentation please contact

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Bioengineering products and methods



Installing Large Woody Debris and living willow revetments



Pre-established Coir Rolls



VMax & Rock Mattresses on spillway



Lake desilting and dredging



Applying HydraCX as erosion control