

Erosion Management Program

Description

The Erosion Management Program (EMP) constructs projects that manage erosion and improve aquatic habitat conditions by promoting the use of bioengineering techniques and reducing the use of hard bank stabilization practices. EMP serves public and private landowners who are willing to work with a local project sponsor (e.g., Conservation District) to address erosion concerns that threaten public infrastructure, private residential structures, commercial structures, or agricultural land.

Potential Principles

Principle 1: The Erosion Management Program is a necessary component of a long-term Strategy and is complementary to both aquatic species restoration efforts as part of ASRP and flood damage reduction projects pursued by other Strategy programs.

Principle 2: Each erosion management project integrates flood damage reduction and aquatic species restoration goals.

Principle 3: If implemented effectively, investment in this program can decrease over time as identified necessary urgent/imminent projects, proactive reach scale projects, and technical studies are fulfilled.

Key Components

The EMP funds several types of activities, including:

- **Urgent/Imminent Projects** that address erosion problems posing an immediate threat to eligible structures or agricultural land in the near term and provide habitat benefits.
- **Proactive Reach-scale Projects** that address erosion problems that do not require immediate action, but address reach-scale erosion concerns for multiple landowners and provide substantial habitat benefits.

- **Technical Advancement Studies or Projects** that support basin jurisdictions with resources to improve their land use management in erosion hazard areas or helps them monitor and track projects, and/or supports landowners with educational materials.

Cost

Total estimated 30-Year Cost: \$9,400,000 – \$40,800,000

Costs estimates are based on current project costs and historical biennial budgeting. In years 1-10, a range of \$428,000-\$1,853,000 per year is assumed reflecting a low and high number of possible projects supported, with a stepped decrease over time (25% decrease in years 11-20, and an additional 40% decrease in years 21-30) as erosion management needs across the basin are met via the program.

More Information

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Refer to the [Erosion Management Program webpage](#) for more details.