THIRD PARTY STREAM MITIGATION CHARACTERIZATION

Based on RIBITS Data



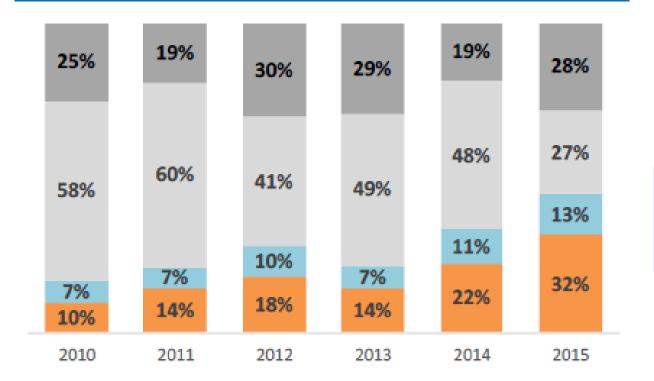
Steven Martin
USACE Institute for Water Resources
10 July 2018

"The views, opinions and findings contained in this report are those of the authors(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation."





Market Share of Impacted Miles



Ave. 460 miles of permitted stream impacts requiring mitigation annually



Mitigation Bank

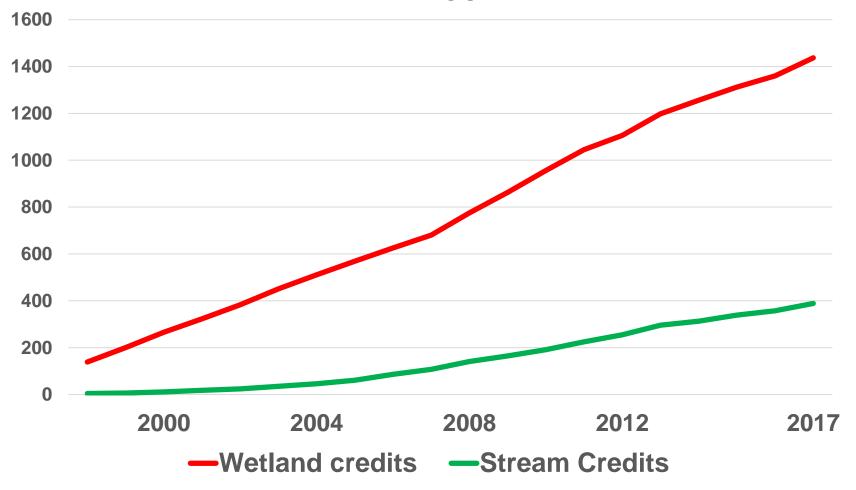
In-Lieu Fee

Permittee-Responsible Onsite

Permittee-Responsible Offsite

From Katherine Birnie, State of Mitigation Markets, Presentation at NMEBC, May 2016

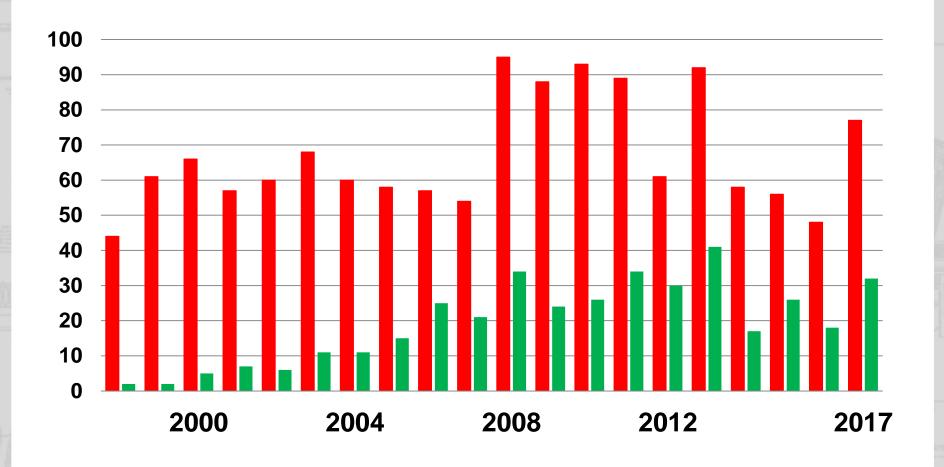
404 Bank Approvals







Bank Approvals



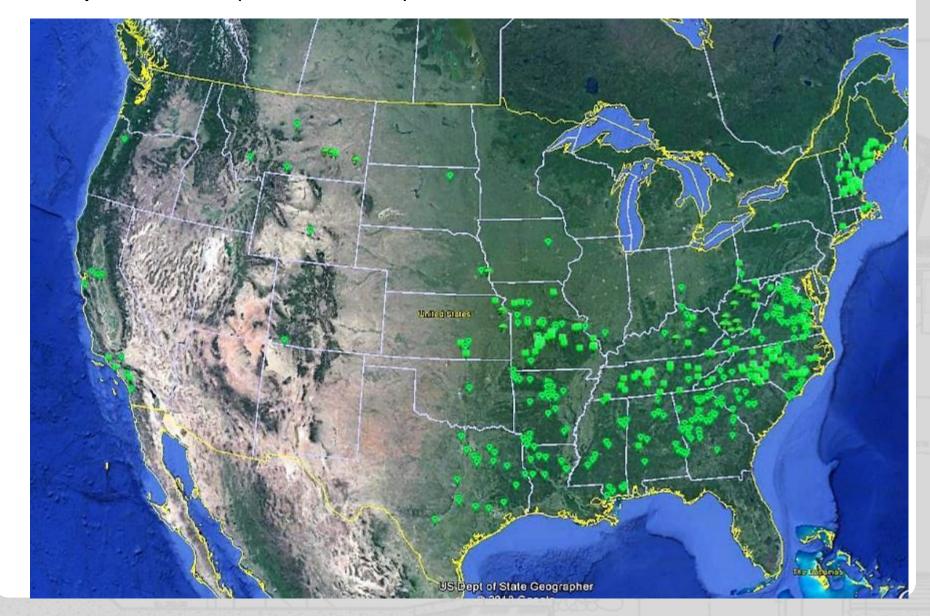
■ Banks w/ Wetland credits

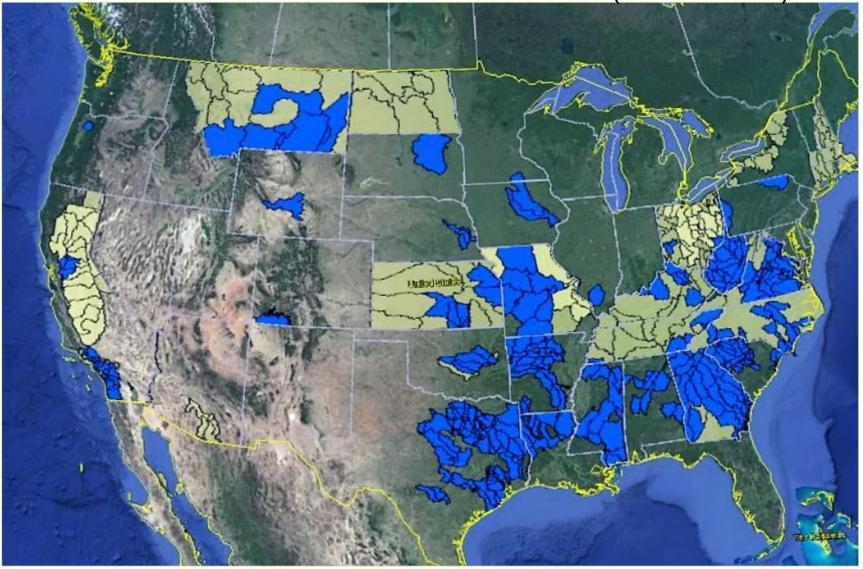
■ Banks w/Stream credits





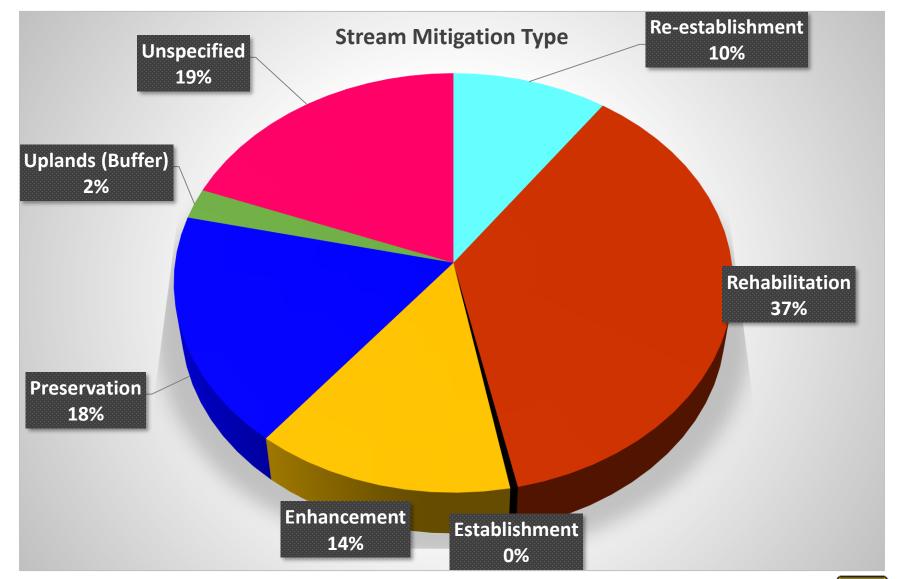
Operational Bank & ILF Projects providing Stream Compensation (12/31/2017)





Bank Service areas

ILF Service Areas









Stream Credit Transactions

