Life After the Memo

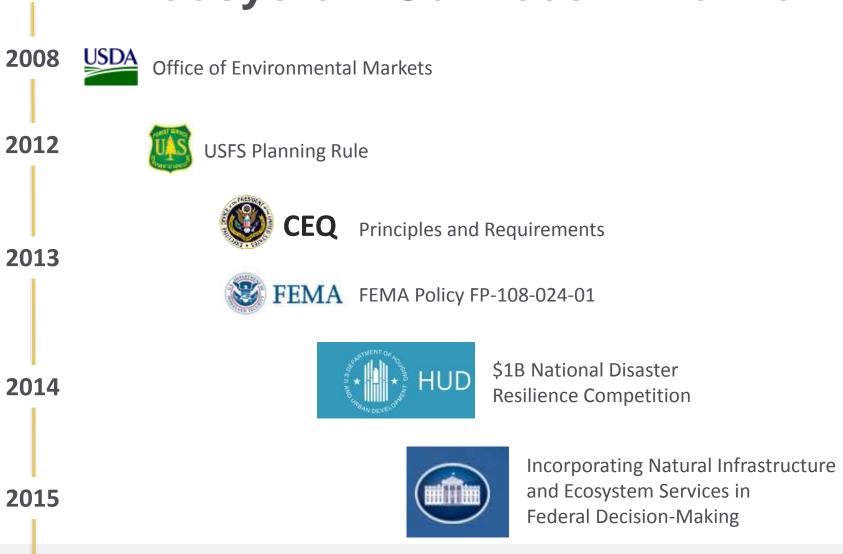
A Look at how Federal Agencies Incorporate Ecosystem Services in Floodplain Management Policy

Zachary Christin
Project Director

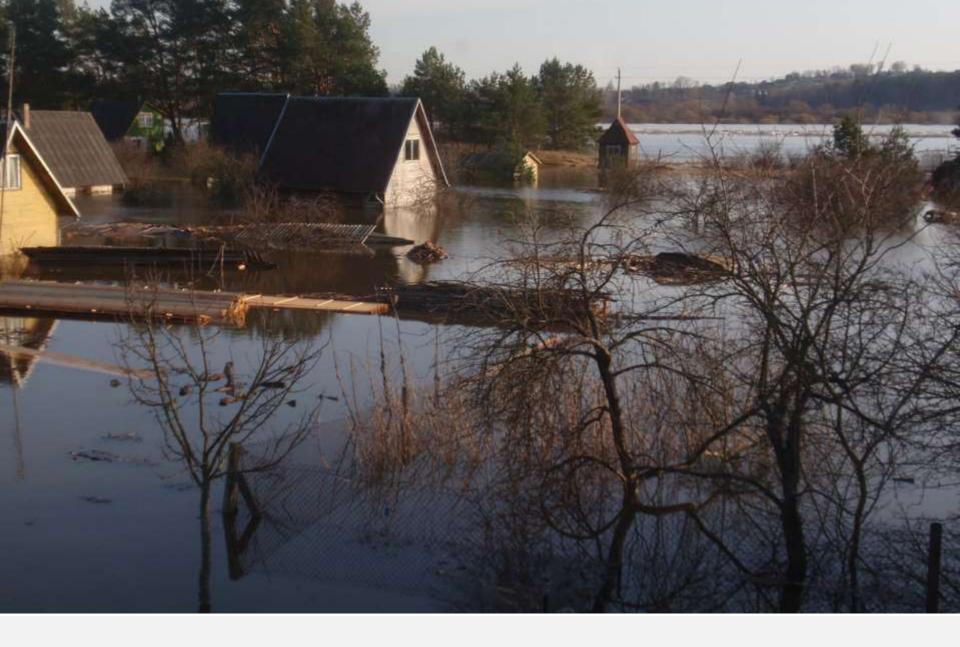
ACES Conference - December 6, 2016



Ecosystem Services Timeline



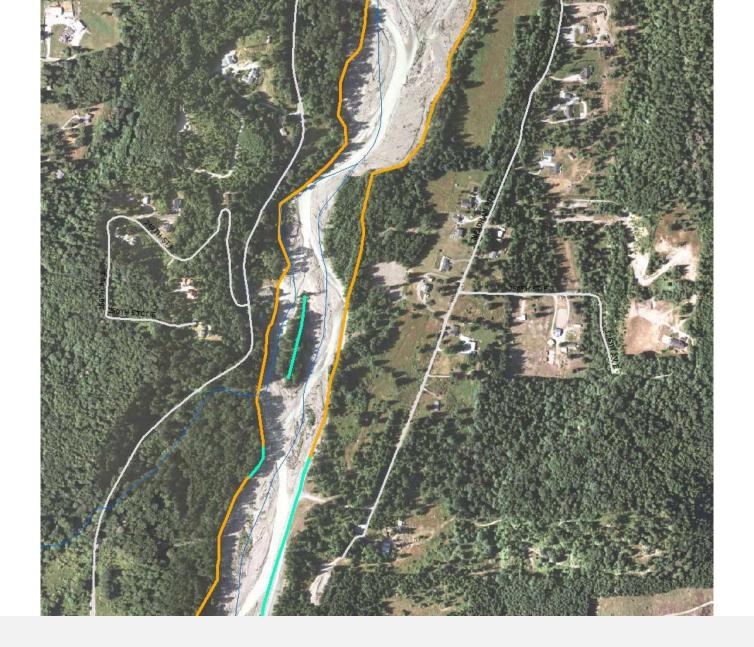














After the Memo



Recent Policy

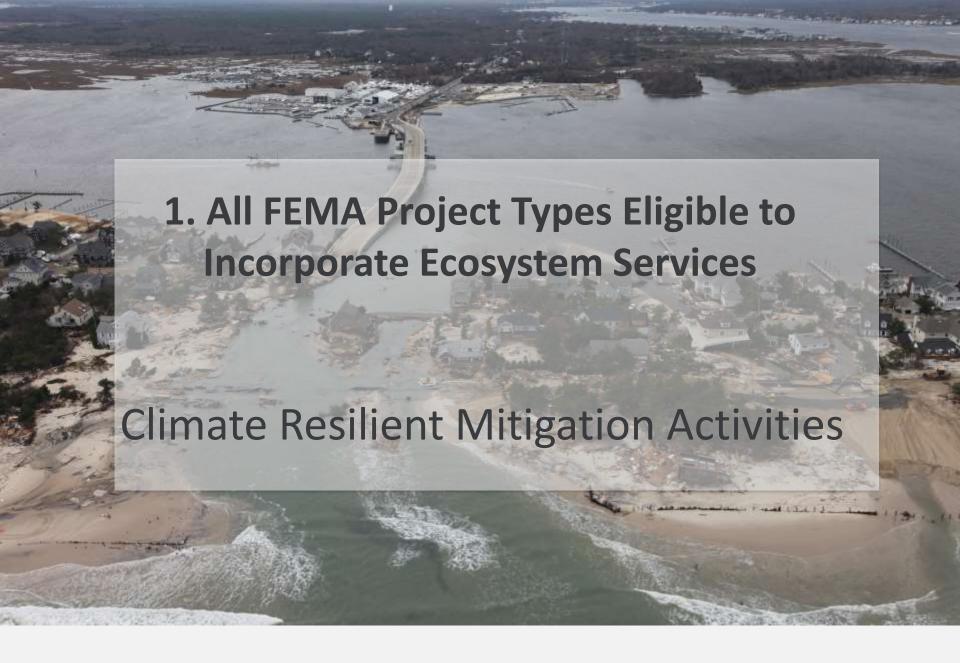
MEMORANDUM FOR:

Mitigation Division Directors FEMA Regions I-X



May 12, 2016







2. Floodplain and Stream Restoration for Drought, Wildfire, and Flood Mitigation



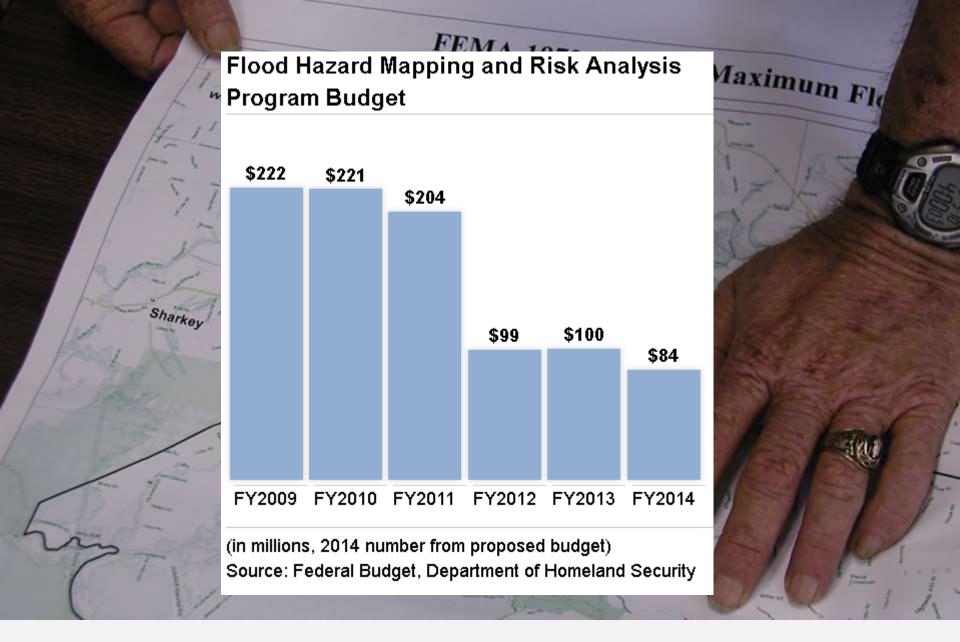






Opportunity in National Policy: Changing Disincentives







Oregon Biological Opinion

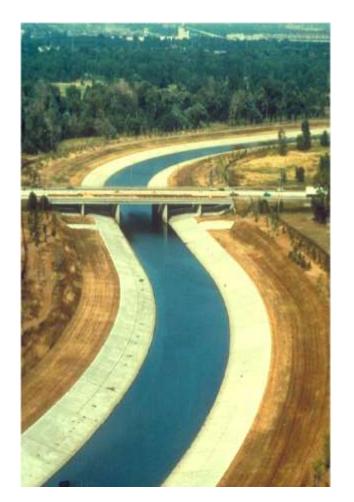


- Litigation in Oregon over the impact of the NFIP on listed fish species
- NFIP program creates jeopardy of extinction for many endangered and threatened species
- Contested by FEMA

Dysfunctional Floodplains

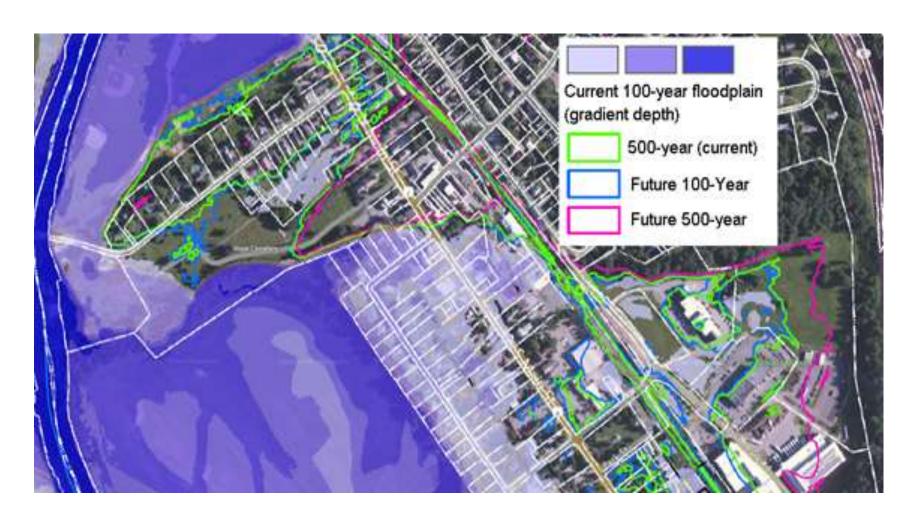




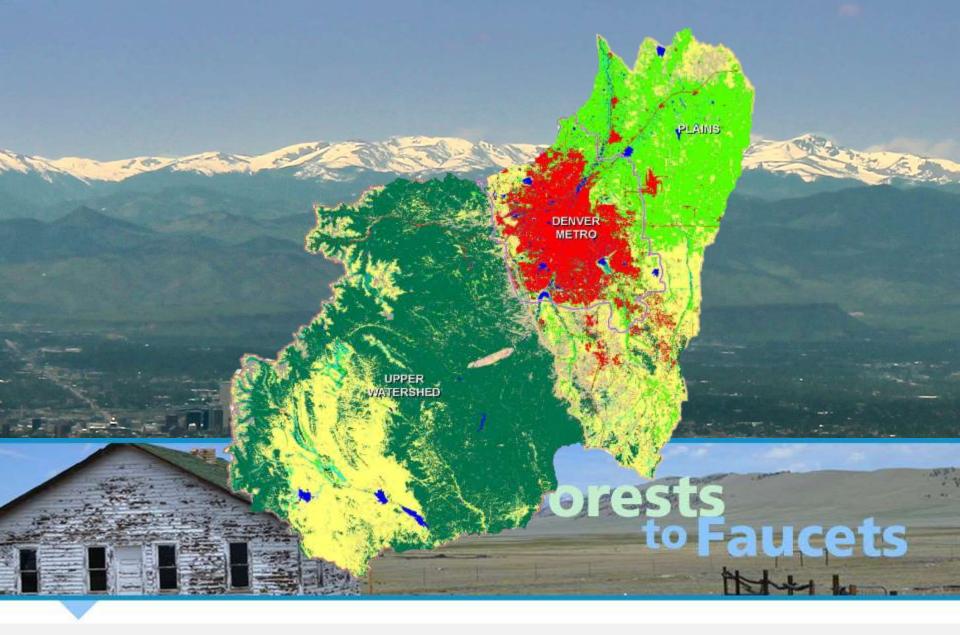




Local Approach to Floodplain Mapping









Solution: Collaboration on Funding Incentives

