



FLOODPLAIN MANAGEMENT



Floodplain Services

- Assisting communities with response to the NMFS Biological Opinion
- Developing Comprehensive Flood Hazard Management Plans
- Planning for flood mitigation on a basin-wide level
- Helping jurisdictions implement Community Rating System activities and apply for CRS credit

ESA brings a sustainable approach to floodplain management—one that increases a community's resilience to flooding, addresses the ongoing challenges of ecosystem stewardship, and is adaptable to future uncertainties. ESA's water resources engineers, hydrologists, geomorphologists, and Certified Floodplain Managers (CFMs) have training and experience dealing with flooding issues faced by communities and regulating agencies.

The ESA team offers a full suite of consulting services to address flood management in fluvial and estuarine environments. We have developed innovative flood management projects that integrate advanced hydraulic analysis with environmental resource management and restoration. We pioneered the now common interdisciplinary approach to flood management, combining civil engineering principles with the natural sciences of rivers, estuaries, and wetlands.

Our floodplain management projects include the largest and most innovative multi-objective levee setback projects in the United States. We are also experienced with reservoir operations for flood management and understand the challenges in balancing those operations with consideration for water supply.

For more information, contact:

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