

Integrated Flood Management

Scope of Work

- Stormwater as water supply
 - look at stormwater quantity and quality
 - groundwater recharge
 - link to agricultural lands, ecosystem restoration and wildlife habitat
- System operations:
 - supply storage v. flood storage
 - reoperation
- Flood risk management – manage risks, not flood (big step from flood control)
- Approach each region/locality to get new components
 - Regional entities v. local jurisdiction
- What did we miss last go-round?
- Compare No. Cal and So Cal regarding: funding, jurisdiction, regulation
- Can't be one size fits all
- Instead of reworking RMS – look at from a regional perspective
- Identify and describe different types of flooding – alluvial, coastal, etc.
- Describe differences in upper v. lower watershed flooding
- Climate change adaptation
- Emergency planning and response
 - Involve Councils of Governments
 - Strengthen Hazard Mitigation Plan (HMP) process – especially for public works and land use policy; communicate and integrate
 - Work with local s on HMPs – provide tools and direction (e.g. ABAG template), integration of General Plans; examples of best practices
 - Sample flood management ordinances, statutes, regional plans
- Integration and coordination of flood management into/with IRWMs
- Outreach and education on flood risks and emergency response – how to do that
- Link with other regional planning processes: Habitat Conservation Plans, Multi-Species Habitat Conservation Plans, Flood Management Plans, state and local companion plans
- Water supply tools v. flood management tools
 - Need for specific IFM tools – local role
- Relates to: Land Use (floodplains and water recharge), Urban Water Use, Resource Stewardship, Watersheds, Economics
- Provide success stories for concepts described in the Water Plan

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Deliverables

- Regional discussions
- Issue paper (look at goals and objectives for FloodSAFE, FEMA Risk Map program)
- Federal agencies: US Army Corps of Engineers, Bureau of Reclamation, FEMA, USFWS
- Update RMS with focus on regional perspective
- Online catalog of best practices and communication tools

Who to Involve

- IRWMs
- Federal agencies: US Army Corps of Engineers, Bureau of Reclamation, FEMA, USFWS
- State agencies: Cal EMA, OPR, Dept. of Food and Ag, Fish and Game
- Local Government: CSAC, League of Cities, County Boards of Supervisors, ACOG, Public Works Departments (M. Peterson)
- Organizations: Ca Stormwater Quality Association, FMA, Amer. Public Works Assn., AWWA
- Different roles: outreach and communication, participation