

Roles and Responsibilities in Flood Risk Management across USACE and Key Partners

| Communities of Practice, Organizations, and Agencies | Preparedness Phase "Getting Ready" | Response Phase "The Flood Fight" | Recovery Phase "Getting Back on our Feet" | Mitigation Phase "Driving Down the Risks" |
|--|--|---|---|--|
| Planning | <ul style="list-style-type: none"> • FPMS Services to support state and local planning • Plan & implement FDR projects | <ul style="list-style-type: none"> • Monitor system performance | <ul style="list-style-type: none"> • Assess system performance • Assess post flood data | <ul style="list-style-type: none"> • Prioritize / conduct studies to reduce risk • Measure ecosystem benefits and nonstructural alternatives |
| Dam & Levee Safety | <ul style="list-style-type: none"> • Conduct System Inspections • Assess/develop LSAC/DSAC rating • Communicate system conditions | <ul style="list-style-type: none"> • Monitor system performance • Recommended emergency actions | <ul style="list-style-type: none"> • Assess system performance • Conduct damage assessments | <ul style="list-style-type: none"> • Adjust system LSAC/DSAC Rating • Develop / propose system improvements & IRRMs |
| Emergency Management | <ul style="list-style-type: none"> • Conduct pre-planning • Pre-position supplies & equip • TA to state & locals | <ul style="list-style-type: none"> • Conduct flood operations | <ul style="list-style-type: none"> • Conduct damage assessments • Implement system repairs | <ul style="list-style-type: none"> • Implement IRRM • Implement NSA Projects |
| Environmental Restoration & Regulatory | | | | <ul style="list-style-type: none"> • Identify ecosystem improvements • Coordinate ecosystem/flood plain restoration opportunities |

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|---|---|--|---|---|
| Research & Development | <ul style="list-style-type: none"> Develop risk assessment tool and response technologies | <ul style="list-style-type: none"> Monitor system performance | <ul style="list-style-type: none"> Assess systems performance Assess post flood data | |
| FRM Program | <ul style="list-style-type: none"> Facilitate/coordinate preparedness activities Facilitate communication of systems risks | <ul style="list-style-type: none"> Monitor response operations | <ul style="list-style-type: none"> Coordinate interagency recovery planning & execution | <ul style="list-style-type: none"> Coordinate interagency mitigation program activities |
| Operations | <ul style="list-style-type: none"> Maintain FDR project operational capability | <ul style="list-style-type: none"> Operate projects to minimize flood impacts | <ul style="list-style-type: none"> Assess project performance Implement project repairs | |
| Critical Infrastructure Protection and Resilience Program (CIPR) | <ul style="list-style-type: none"> Implement integrated interagency risk assessment Coordinate unified CI assessment & management plans | <ul style="list-style-type: none"> Monitor CI system performance | <ul style="list-style-type: none"> Assess & adjust CI management plans | <ul style="list-style-type: none"> Target restoration and easement activities toward areas of high risk. Share information about non-structural solutions |
| PCX's (FRM, Planning, Coastal, etc) | | | | |
| FEMA | <ul style="list-style-type: none"> Conduct interagency all hazard response planning | | | <ul style="list-style-type: none"> Target HMGPs toward areas of high risk |

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| NRCS | | | | <ul style="list-style-type: none"> • Target restoration and easement activities toward areas of high risk. • Share information about non-structural solutions |
| NOAA/NWS | <ul style="list-style-type: none"> • Coordinate & provide flood forecasting data | <ul style="list-style-type: none"> • Assess and revise forecast data | <ul style="list-style-type: none"> • Assess post flood data | |
| USGS | | | | |
| Other | | | | |

FPMS – Flood Plain Management Services; LSAC – Levee Safety Action Classification; DSAC – Dam Safety Action Classification
 IRRM – Interim Risk Reduction Measure; TA – Technical Assistance; NSA – Non-structural Alternative;
 FDR – Flood Damage Reduction; HMGP – Hazard Mitigation Grant Program