

NATURAL FLOOD MANAGEMENT IN INFRASTRUCTURE BILLS

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American Rivers



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FEMA

- \$3.5 billion/5 years for Flood Mitigation Assistance
- \$1 billion/5 years for Building Resilient Infrastructure and Communities (BRIC) (in addition to annual allocation)
- \$500 million/5 years for Safeguarding Tomorrow through Ongoing Risk Mitigation (STORM Act)

USACE

- \$17.1 billion to construction, O&M, Mississippi River and Tribes
- \$251 million to Flood Control and Coastal Emergencies
- \$30 million in FY23 for pilot for FRM studies in disadvantaged communities

Other

- \$8.7 billion for Promoting Resilient Operations for Transformative, Efficient and Cost-saving Transportation (PROTECT) grant program. Includes natural infrastructure
- \$492 million NOAA mapping, observations, and modeling
- \$216 million Tribal Climate Resilience



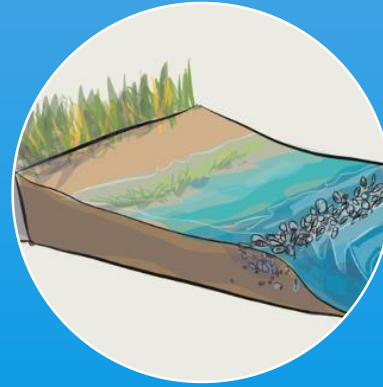
Watershed Scale

- Land Conservation
- Greenways
- Wetland Restoration and Protection
- Stormwater Parks
- Floodplain Restoration



Neighborhood/Site Scale

- Rain Gardens
- Vegetated Swales
- Green Roofs
- Rainwater Harvesting
- Permeable Pavement
- Tree Canopy
- Tree Trenches
- Green Streets



Coastal Scale

- Coastal Wetlands
- Oyster Reefs
- Dunes
- Waterfront Parks
- Living Shorelines

Nature-Based Solutions



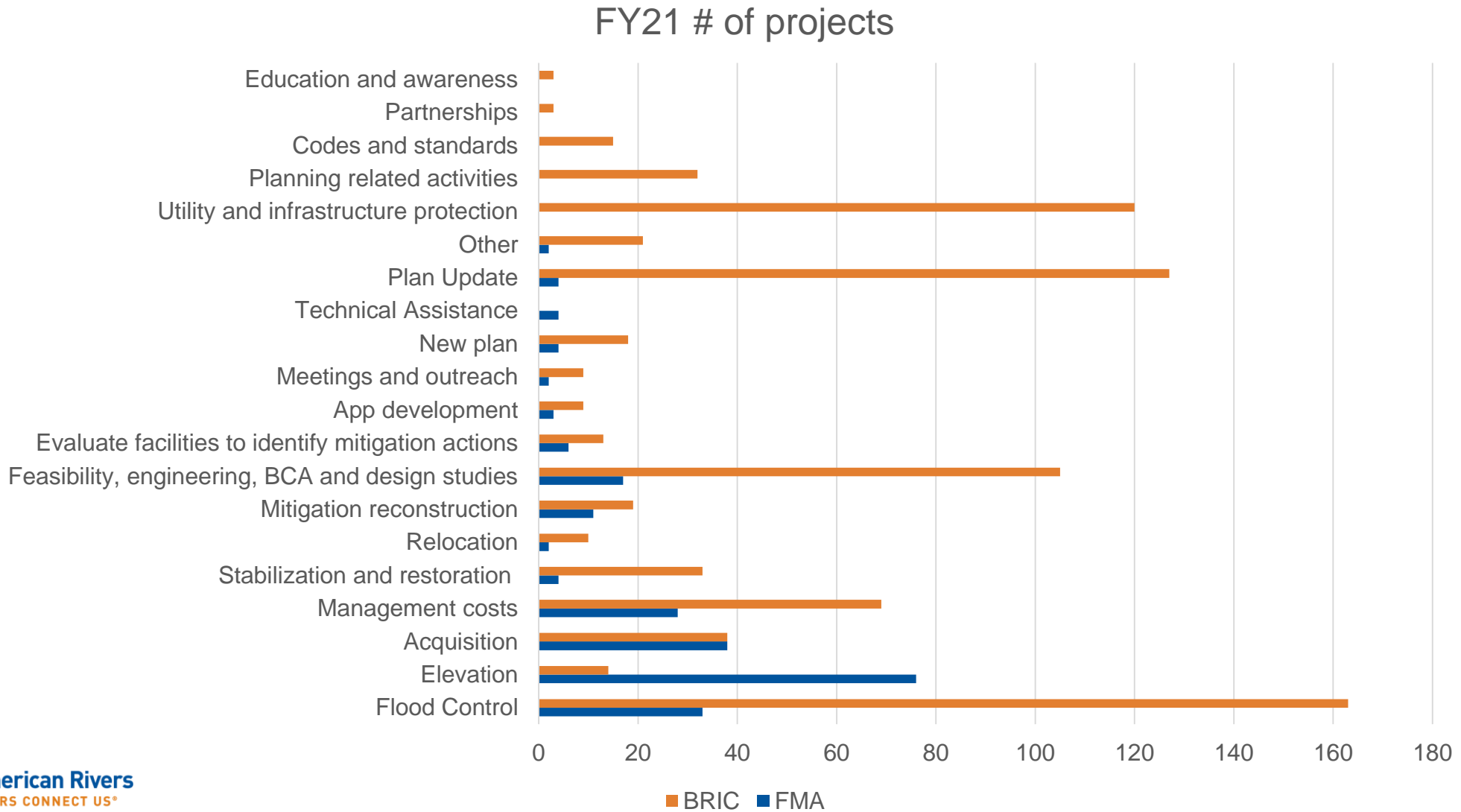
FEMA

Sustainable planning, design, environmental management, and engineering practices that weave natural features or processes into the built environment to build more resilient communities

FEMA Resources:

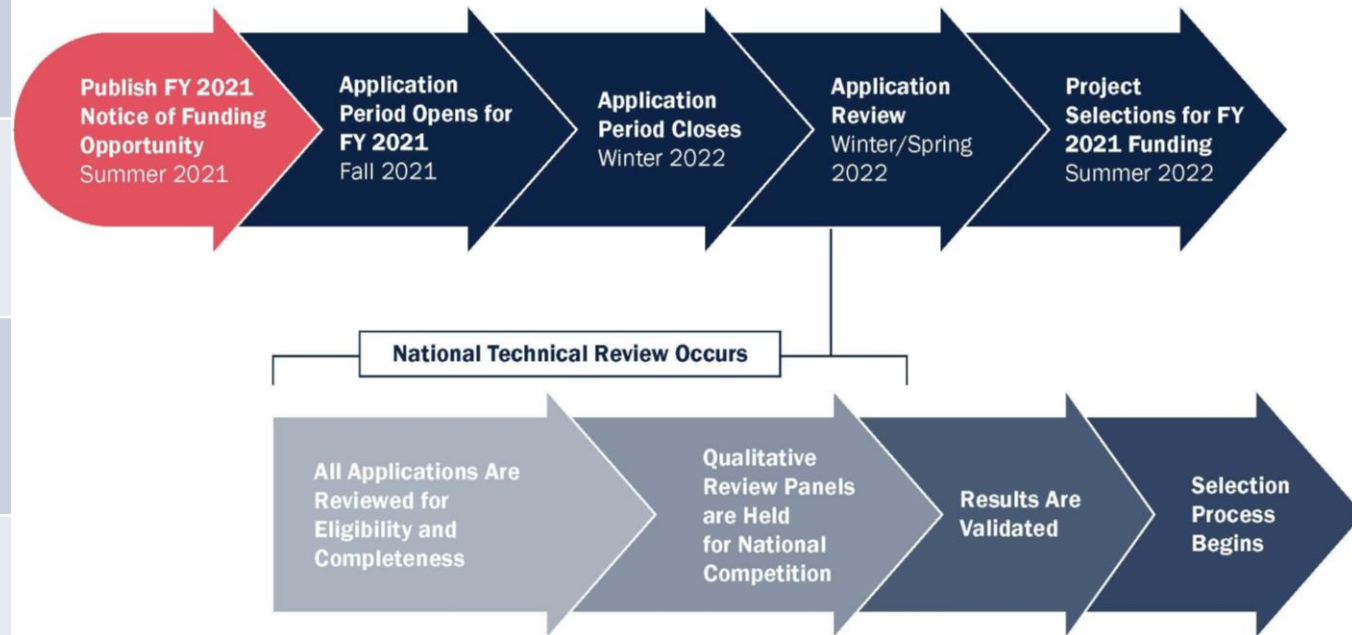
- NEW FEMA NBS website: <https://www.fema.gov/emergency-managers/risk-management/nature-based-solutions>
- [Building Community Resilience with Nature-Based Solutions](#) Guide

ELIGIBLE PROJECT ACTIVITIES



FLOOD MITIGATION ASSISTANCE AND BUILDING RESILIENT INFRASTRUCTURE AND COMMUNITIES

	FMA	BRIC
How Much?	\$3.5 B over 5 years	\$1 B over 5 years (+ automatic annual allocation)
What natural hazards?	Flood risk reduction, focus on repetitive loss properties with NFIP policies	All
Who is eligible?	Applicants: States, territories, tribes Sub applicants: Local communities, tribes NGOs can receive pass through grants	
Cost-share?	75 fed/ 25 non-fed 90 fed/ 10 non-fed for rural and disadvantaged communities	
Application process	FEMAGo.	



HOW CAN RIVER CONSERVATIONISTS SUPPORT NATURE-BASED PROJECTS?



Foster support for NBA in your community/state:

- Join the state hazard mitigation planning team and advocate for nature-based projects in the 5-year update
- Integrate conservation and hazard mitigation planning and programs
- Think BIG at watershed and/or state scale
- Foster coordination and collaboration between multiple local governments

Project Scale:

- Get your project in the local hazard mitigation plan
- Provide technical and administrative support to local hazard mitigation staff
- Demonstrate flood risk reduction and resilience benefits
- Find match and diversify funding
- Build the business case for your NBA project and learn the FEMA BCA process

IIJA RECOMMENDATIONS TO FEMA

Recommendations from AR, TNC, NWF, EDF

- Nature-Based Project recommendations:
 - Continue to prioritize nature-based projects in BRIC project scoring criteria
 - Improve ease and efficacy of Benefit-Cost analysis and explore alternatives to determine cost-effectiveness of projects, especially nature-based projects
 - Prioritize funding for technical assistance and direct technical assistance support for nature-based projects
 - Encourage States, tribes and communities to integrate nature-based approaches in state and local hazard mitigation plans
- Equity Considerations:
 - Seek increases to federal cost share or eliminate cost share for underserved communities
 - Integrate recommendations from OMB Equity Assessment report into spending plan
 - Prioritize direct technical assistance and scoping funding to smaller, rural and lower income communities
- FMA recommendations:
 - Prioritize large-scale buyout plans and programs that use equitable, community led processes
 - Streamline administrative processes
 - Fund restoration of buyout lands to natural conditions