

NSF Risk & Resilience Activity

SDR Meeting

2 April 2015

Overall goal

- Improve predictability and risk assessment
- Increase resilience to extreme events
- Reduce impact on quality of life, society, economy
- **NSF focus:** fundamental science & engineering
- Need our partner mission agencies

Programs

- **Risk & Resilience Activity**
 - RIPS/CRISP
 - PREEVENTS

- **Selected related programs**
 - Hazards SEES
 - GEO Core Programs
 - Engineering: Resilient and Sustainable Infrastructures
 - Natural Hazards Research Infrastructure and Research
 - Infrastructure Management & Extreme Events
 - Civil Infrastructure Systems
 - Engineering for Natural Hazards
 - Cyber-Physical Systems (CPS)
 - Etc.

Funding (M\$)

Program	FY14 Enacted	FY15 Estimate	FY16 Request
CRISP	0.0	20.0	34.5
RIPS	10.0	0.0	0.0
PREEVENTS	0.0	0.0	23.5
TOTAL	10.0	20.0	58.0

- Hazards SEES anticipated \$24M total in FY15/FY16