

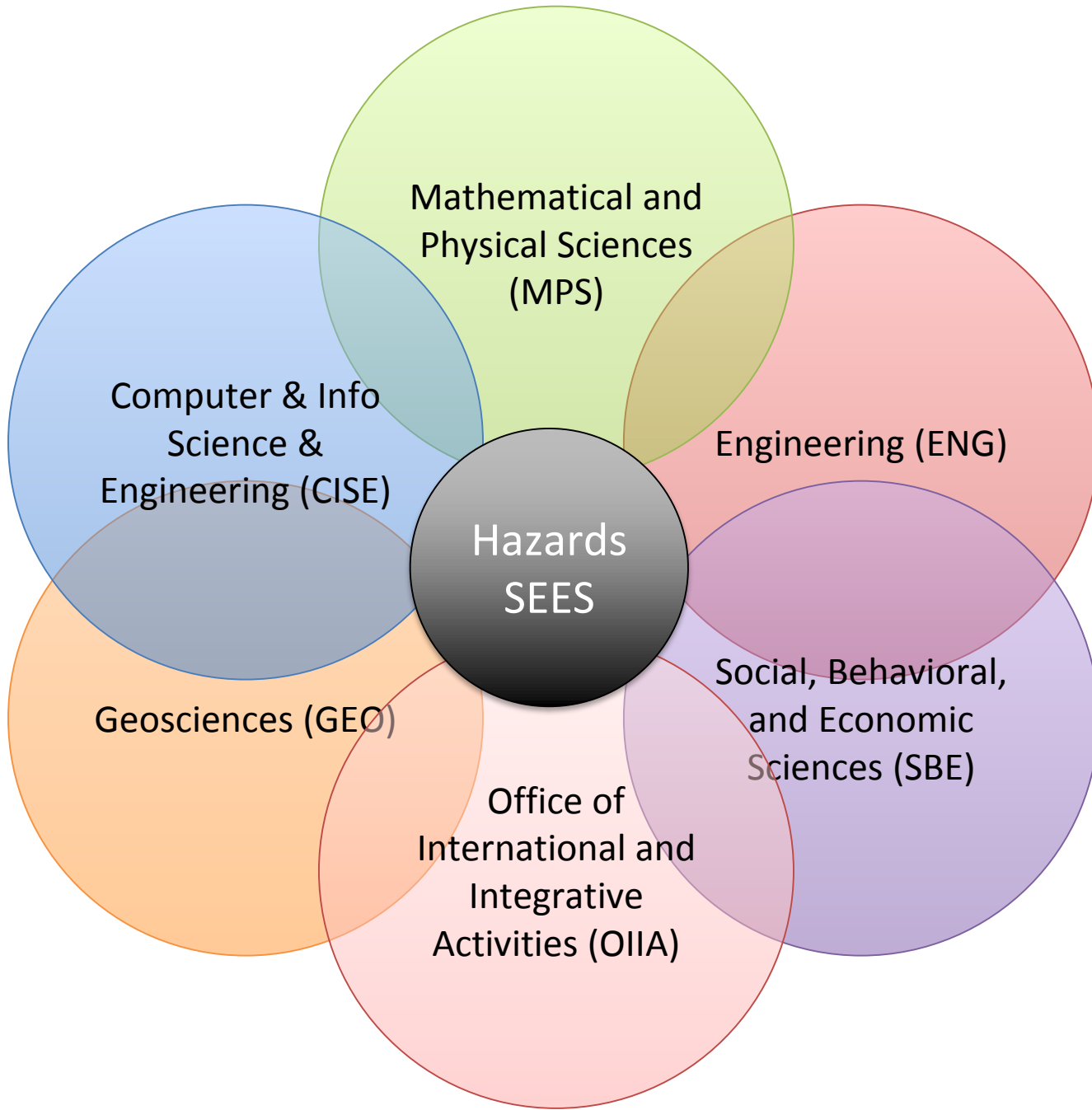
Hazards SEES and PREEVENTS

SDR Meeting

2 April 2015

Hazards SEES

- Interdisciplinary program in natural hazards
- Goal to improve:
 - Understanding of fundamental processes underlying hazards
 - Understanding of impacts on individuals, natural and built environment, and society
 - Capabilities for forecasting/prediction, mitigation, response, and recovery
- Fundamentally multidisciplinary and integrated approaches



Competitions

- 2013 Round
 - 12 awards
 - 4 Track 1 (~\$300k each)
 - 8 Track 2 (~\$2.8M each)
 - Total budget ~\$24M in FY13/14

- 2015 Round
 - Up to ~\$24M total budget in FY15/16
 - 150 proposals received in December 2014
 - Review underway

PREEVENTS: Prediction of and Resilience against Extreme Events

- Program w/multidisciplinary portfolio to improve
 - Fundamental understanding of processes underlying geohazards & extreme events
 - Models of geohazards, extreme events, and their impacts
 - Enhance societal preparedness & resilience
- Focused on natural hazards
- GEO-centered, with potential for links
- Potential for projects at multiple scales

PREEVENTS: Basic info

1. 5-year program starting in FY16
1. \$23.5M in FY16 request, out-years unclear
2. DCL in FY15 to announce program, etc.
3. Seek appropriate leveraging across NSF programs and with agency partners

PREEVENTS: Potential Tracks

- Co-funding with other programs
- Workshops and Research Coordination Networks
- PREEVENTS Nucleus
 - Projects focused on PREEVENTS goals
 - Projects don't fit other programs

PREEVENTS: Timeline

Year	Major items
FY15	Dear Colleague Letter to announce program and plans
FY16	Accepting first proposals under DCL
FY17	First solicitation for full program, including Nucleus
FY19	Second solicitation for full program
FY20	Program evaluation

NSF Risk & Resilience: What's next?

- Interested folks at other agencies: please let us know
- Target: working-level meeting in April at NSF
- Fingers crossed on FY16