Impacts of FY13 Budget Request on Hazards and Disaster Related Activities at NASA

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NASA HQ
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Extend the societal and economic benefits of NASA research in Earth science, information, and technology **…**

High Level Budget Impact

	$M		%
	FY12 Appropriation	FY13 Budget Request	Delta
Earth Science Division	1,766	1,785	1.1%
Applied Science	36.4	34.6	-4.9%
Research & Analysis	332	324	-2.4%

- Applied Sciences – focus is on development and use of disaster related applications that utilize NASA satellite data, associated technologies and/or analytic capabilities
- Research & Analysis – focus is on understanding physical processes that give rise to hazards, characterization of those hazards, and methods to improve assessment, forecast, warning, and/or situational awareness.

- **At high level, impacts are relatively small and manageable**

Additional Comments

- The biggest unmet observational gap for many hazards, and geohazards in particular, is surface deformation and requires an L-band space-borne SAR/InSAR.
- NASA is pursuing options with several potential international partners that could make such a mission more affordable to the US taxpayer. These will be considered by NASA in April.
- Broad interagency support for such a mission is a key ingredient to moving forward and ultimate utilization for improving our resilience to hazards.
- NASA would like to present its current portfolio of hazards/disaster related research and applications to SDR in May or June after the next round of selections.