

Here Goes Your Title!

Overview: Each proposal must contain a summary of the proposed project not more than **one page in length**. The Project Summary consists of an overview, a statement on the intellectual merit of the proposed activity, and a statement on the broader impacts of the proposed activity.

The overview includes a description of the activity that would result if the proposal were funded and a statement of objectives and methods to be employed.

The Project Summary should be written in the third person, informative to other persons working in the same or related fields, and, insofar as possible, understandable to a scientifically or technically literate lay reader. It should not be an abstract of the proposal.

If the Project Summary contains special characters it may be uploaded as a Supplementary Document. **Project Summaries submitted as a PDF must be formatted with separate headings for the overview, statement on the intellectual merit of the proposed activity, and statement on the broader impacts of the proposed activity.** Failure to include these headings may result in the proposal being returned without review. Additional instructions for preparation of the Project Summary are available in FastLane.

Intellectual Merit: The statement on intellectual merit should describe the potential of the proposed activity to advance knowledge.

Broader Impacts: The statement on broader impacts should describe the potential of the proposed activity to benefit society and contribute to the achievement of specific, desired societal outcomes.

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1 Introduction

The Project Description should provide a clear statement of the work to be undertaken and must include: objectives for the period of the proposed work and expected significance; relation to longer-term goals of the PI's project; and relation to the present state of knowledge in the field, to work in progress by the PI under other support and to work in progress elsewhere.

The Project Description should outline the general plan of work, including the broad design of activities to be undertaken, and, where appropriate, provide a clear description of experimental methods and procedures. Proposers should address what they want to do, why they want to do it, how they plan to do it, how they will know if they succeed, and what benefits could accrue if the project is successful. The project activities may be based on previously established and/or innovative methods and approaches, but in either case must be well justified. These issues apply to both the technical aspects of the proposal and the way in which the project may make broader contributions.

The Project Description must contain, as a separate section within the narrative, a section labeled "Broader Impacts of the Proposed Work". This section should provide a discussion of the broader impacts of the proposed activities. Broader impacts may be accomplished through the research itself, through the activities that are directly related to specific research projects, or through activities that are supported by, but are complementary to the project. NSF values the advancement of scientific knowledge and activities that contribute to the achievement of societally relevant outcomes. Such outcomes include, but are not limited to: full participation of women, persons with disabilities, and underrepresented minorities in science, technology, engineering, and mathematics (STEM); improved STEM education and educator development at any level; increased public scientific literacy and public engagement with science and technology; improved well-being of individuals in society; development of a diverse, globally competitive STEM workforce; increased partnerships between academia, industry, and others; improved national security; increased economic competitiveness of the United States; and enhanced infrastructure for research and education.

Plans for data management and sharing of the products of research, including preservation, documentation, and sharing of data, samples, physical collections, curriculum materials and other related research and education products should be described in the Special Information and Supplementary Documentation section of the proposal (see GPG Chapter II.C.2.j. for additional instructions for preparation of this section).

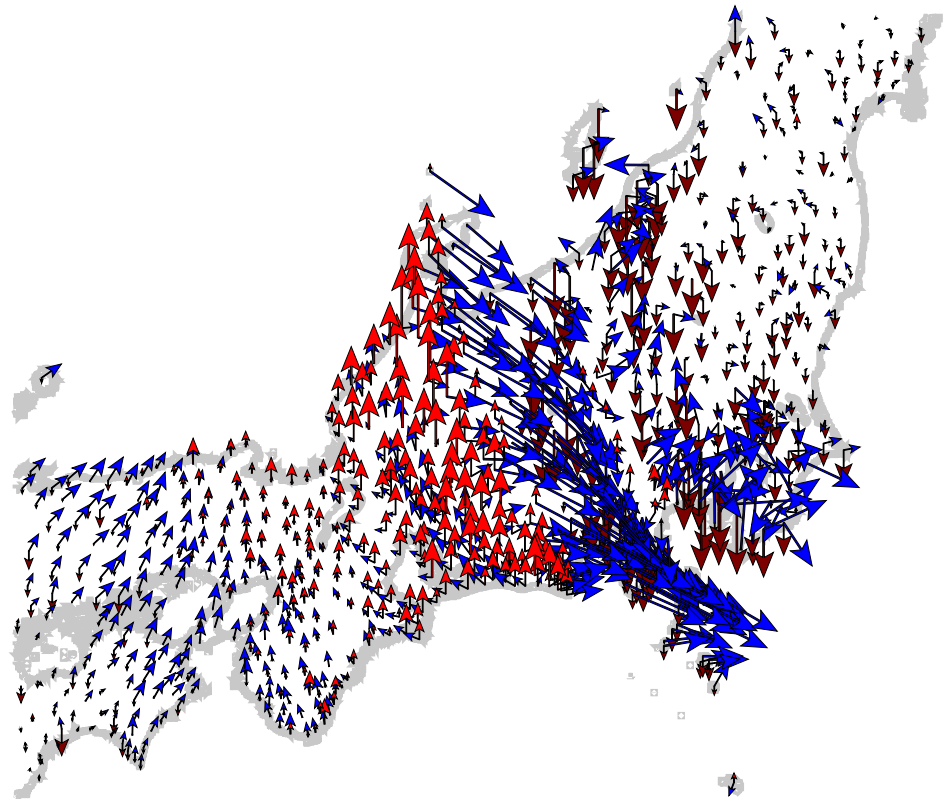
2 Another Section

Figure 1 shows how to make a caption float next to the graphic.

3 Proposed Study

We'll use the tool by *Grapenthin* (2014)

Figure 1: Horizontal (blue) and vertical (red) motion of the Japanese GEONET GPS network with co-seismic (static) motion removed. Shows only S-wave and surface waves (e.g., *Grapenthin and Freymueller, 2011*).



4 Time Line and Management Plan

How you gonna do it?

4.1 Subsection

More text (*Grapenthin et al., 2006*).

5 Broader Impacts of the Proposed Work

Header should be exactly this.

6 Results from Prior NSF Support

If any PI or co-PI identified on the project has received NSF funding (including any current funding) in the past five years, information on the award(s) is required, irrespective of whether the support was directly related to the proposal or not. In cases where the PI or co-PI has received more than one award (excluding amendments), they need only report on the one award most closely related to the proposal. Funding includes not just salary support, but any funding awarded by NSF. The following information must be provided:

Name of PI: NSF-Program (Award Number) "Title of the Project" (\$AMOUNT, PERIOD OF SUPPORT). **Publications:** List of publications resulting from the NSF award. A complete bibliographic

citation for each publication must be provided either in this section or in the References Cited section of the proposal); if none, state: "No publications were produced under this award." **Research Products:** evidence of research products and their availability, including, but not limited to: data, publications, samples, physical collections, software, and models, as described in any Data Management Plan.

References

- Grapenthin, R. (2014), CrusDe: A plug-in based simulation framework for composable Crustal Deformation studies using Green's functions, *Computers & Geosciences*, 62, 168–177, doi:10.1016/j.cageo.2013.07.005.
- Grapenthin, R., and J. T. Freymueller (2011), The dynamics of a seismic wave field: Animation and analysis of kinematic GPS data recorded during the 2011 Tohoku-oki earthquake, Japan, *Geophysical Research Letters*, 38(18), 1–5, doi:10.1029/2011GL048405.
- Grapenthin, R., F. Sigmundsson, H. Geirsson, T. Árnadóttir, and V. Pinel (2006), Icelandic rhythms: Annual modulation of land elevation and plate spreading by snow load, *Geophysical Research Letters*, 33(24), 1–5, doi:L24305Artnl24305.

Current support

Agency:	NSF
Amount requested:	\$X
Period:	MM/YYYY-MM/YYYY
Project Title:	Project Title
Effort Committed:	X months/year

Pending support

Agency:	NSF
Amount requested:	\$X
Period:	MM/YYYY-MM/YYYY
Project Title:	Project Title
Effort Committed:	X months/year

Agency:	USGS
Amount requested:	\$X
Period:	MM/YYYY-MM/YYYY
Project Title:	Project Title
Effort Committed:	X months/year

BUDGET JUSTIFICATION

A. Senior personnel

A1. We request X months summer salary support for PI-NAME. Here's what they'll do.

A2. Text ...

B. Other personell

B3. We request salary support for on PhD student for each year of the project. Here's what they'll do ...

C. Fringe Benefits

Fringe benefits are calculated at a rate of X% for faculty, Y% for graduate students.

D. Equipment

What and why ...

E. Travel

G. Other Direct Costs

H. Indirect Costs

Overhead at a rate of X% is charged on all direct salaries and wages, applicable fringe benefits, materials and supplies, services, travel and subawards up to the first \$X of each subaward. Excluded are equipment and the portion of each subaward in excess of \$X.

DATA MANAGEMENT PLAN

Data will be made available ...

FACILITIES, EQUIPMENT, AND OTHER RESOURCES

We got computers and such ...