

i. Foreword

The MARGINS 2009 Review Document summarizes ten years of MARGINS research and program operations, and discusses possibilities for a successor program. It was written by current and past members of the MARGINS Steering Committee, and other current and former MARGINS investigators, April-November 2008. Research Nuggets were contributed by PIs. Document layout and preparation was done by the MARGINS Office at Lamont-Doherty Earth Observatory. It is prepared in hardcopy format, and is also available on-line at www.nsf-margins.org/Review2009/ where several ancillary tables can be downloaded.

The hardcopy version of this document is bound in three parts. The first part, containing chapters 1-9, has the text of the Review along with relevant Appendices. Chapter 3 contains summaries of major research accomplishments for each of the four MARGINS Initiatives; chapters 4-6 address management, education and broader impacts of the program; and chapters 7-8 summarize current thinking about a future, successor program.

The second part (chapter 10 in the on-line version) consists of Research “Nuggets” supplied by MARGINS PIs; these one-page summaries describe individual research results and formed the basis for the Initiative Summaries in chapter 3. There were 102 submitted Nuggets when the Review documentation was printed (Nov. 1, 2008); the intention is to keep submissions open for the foreseeable future, in the on-line mode.

The third part consists of several lengthy Supplementary Documents, providing data on the program’s activities, including papers published, grants awarded, and meetings held. The on-line version (chapter 11) includes spreadsheets and bibliographic database libraries.

A large number of people have participated in some way in the preparation of this material. While no list is complete, the following participated in writing workshops or otherwise share some credit for its production:

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