EXPLANATORY NOTES FOR APPLICANTS

The AuScope Gravity Application number (top left corner) will be filled in by the AuScope Gravity SubCommittee once the application is received.

1. PROJECT TITLE

Provide a concise, descriptive title for the infrastructure project which is informative for workers outside your field.

2. PRINCIPAL PROPONENT

Give the title, first name and surname of the Principal Proponent, institutional affiliation and all contact details.

3. CO-PROPONENTS

Give the names and institutions of all key co-proponents.

4. SUMMARY OF SCIENTIFIC OBJECTIVES AND DEFINITION OF PROBLEM

Provide a brief statement of the major objectives which you hope to achieve through the collection of new data infrastructure through AuScope, and the nature of the problem addressed.

5. SCIENTIFIC JUSTIFICATION

1 page maximum plus map of Observational Locations.

Please provide a single page justification for the project and expand on the scientific objectives outlined in Section 4. A map (no larger than A4) showing project location for the collection of data infrastructure through AuScope.

If there is supporting information that you feel should be include, please put this into an attachment and make reference to it in this section. As much supporting information and as many maps as you like can be attached, however the project must be able to stand alone with the information provided in Sections 4 and 5.
6. RELEVANCE OF THIS PROJECT TO AU_SCOPE OBJECTIVES

Provide justification of this Project to the AuScope Objectives; in particular addressing the following points:

• its contribution to world class research in the fields consistent with the principles underpinning the National Collaborative Research Infrastructure Strategy (NCRIS),
• its contribution to advancing our knowledge of the structure and evolution of the Australian continent,
• its contribution to developing a better understanding of the implications of the evolution and structure of the continent for natural resources, hazards and environment,
• its contribution to future prosperity, safety and a sustainable environment for Australian society through scientific support for new minerals and petroleum discovery, safer exploitation of resources and development of geoscience to support sustainable management of the continent’s soils and water resources and adaptation and response to climate change and sea level rise,
• plans for International Linkages and collaboration,
• plans to provide data collected and information derived within this project in Open Standards structured, spatially enabled scientific databases, and
• Linkage with other NCRIS infrastructure projects.

7. SUMMARY OF DATA INFRASTRUCTURE REQUIREMENTS

Specify any data infrastructure requirements requested from AuScope.

Under the terms of the AuScope contract, all data from the gravity observations must be made publicly available. Provision must therefore be made at least for storage of raw data and routine processing products in AuScope data facilities.

8. EQUIPMENT REQUEST AND PROPOSED OBSERVATIONAL PROGRAM

Please provide a single page description of the experimental design and a justification of the equipment request including the time period for the project.

Also indicate the minimum equipment configuration which would be required for a successful project.

If auxiliary observations are to be made using non-AuScope equipment describe the nature and extent of the supporting program

9. PROPOSED TIMING

Indicate the most suitable time of year for the project and the reason for choosing this.
10. **NATURE AND SOURCE OF FUNDING**

   Indicate the level of funding available from the proponents to carry out the data infrastructure project and the source of funds. Proponents will need to be able to identify sufficient funding to undertake data processing and subsequent interpretation.

   For a preliminary application, where funding is being sought from AuScope indicate the level requested and the nature of the request.

   For an application where additional funding is also sought e.g. Government Agencies, Industry, the Australian Research Council, etc, indicate the level requested and the nature of the request.

11. **SIGNATURE OF PRINCIPAL PROponent**

   The Principal Proponent needs to sign here.

12. **CONFIRMATION OF INSTITUTIONAL SUPPORT**

   It is essential that the Chief Officer of the Principal Investigator’s institution formally indicates support for the project and accepts responsibility for all appropriate charges, insurance and project costs, should your application be successful.

   **Applications should be sent to:**
   Dr Paul Tregoning
   Chair, AuScope Gravity Subcommittee
   Research School of Earth Sciences
   Australian National University
   Canberra ACT 0200
   Paul.Tregoning@anu.edu.au