



## APPLICATION FOR TERRAWULF ACCESS

### EXPLANATORY NOTES FOR APPLICANTS

*The Terrawulf Application number (top right corner) will be filled in by the Assessment Committee when the application is received.*

**1. PROJECT TITLE**

*Provide a concise, descriptive title for the 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 any co-proponents.*

**4. SCIENTIFIC OBJECTIVES AND DEFINITION OF PROBLEM**

*Provide a brief statement of the major objectives which you hope to achieve through the use of the Terrawulf cluster*

*Please provide a single page justification for the project and expand on the scientific objectives. Details of the proposed experimental configuration and its relation to the scientific target should accompany this section.*

*If there is supporting information that you feel should be included, please put this into an attachment and make reference to it in this section.*

**5. RESOURCE REQUIREMENTS**

*Please provide a description of the resources needed for the problem.*

*Hardware: number of nodes, total time, and any special needs such as high speed (infiniband) communications, large memory, large data storage etc.*

*Software: compilers, programming tools or specific application software that may require system administrator intervention.*

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



---

## APPLICATION FOR TERRAWULF ACCESS

### **6. DATA INFRASTRUCTURE REQUIREMENTS IN RELATION TO AUSCOPE DATA POLICY**

*Provide a concise specification of any long term data infrastructure requirements requested from AuScope.*

### **7. CLUSTER COMPUTING EXPERIENCE**

*Give a brief summary of the user's experience in programming for a parallel/cluster environment. This information will provide an indication of the amount of user training and support you may need to get started.*

### **8. RELEVANCE OF THIS PROJECT TO AUSCOPE 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 store and make available information generated within this project in Open Standards structured, spatially enabled scientific databases, and*
- *Linkage with other NCRIS infrastructure projects.*

### **9. NATURE AND SOURCE OF PROJECT FUNDING**

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

### **10. SIGNATURE OF PRINCIPAL PROPONENT**

*The Principal Proponent needs to sign here.*



**TerraWulf II**

---

APPLICATION FOR TERRAWULF ACCESS

**Applications should be sent to:**  
TerraWulf Administrator  
Research School of Earth Sciences  
Australian National University  
Canberra ACT 0200  
Fax 02 6257 2737  
[terrawulf@ses.anu.edu.au](mailto:terrawulf@ses.anu.edu.au)

Application form: <http://ses.anu.edu.au/TerraWulf/index.php?p=access>