

E-Research Strategy for La Trobe 2008-2010

Mission

Aid researchers with computing, data storage, information management and data modelling, plus enhance their ability to collaborate and provide them with information and access to grants/programmes, software tools, potential external partners and other electronic resources.

Strategic Goals

- Educate and support researchers in e-Research techniques, especially in non-science areas
- Enhance computing and communications technology infrastructure that supports research
- Promote e-Research funding opportunities
- Bring La Trobe to a lead position in the IRU University group with regard e-Research and to participate in a national and international e-Research infrastructure

Strategic Activities

Activity	Key Performance Indicator
Education and Support	
1. Create an e-Research Office 2. Implement web-site 3. Develop e-Research Strategy 4. Liaise between researchers and ICT 5. Identify and collate research activities with potential e-Research support 6. Regular seminars/workshops on e-Research options 7. Create Research Computing Advisory Committee and specific user groups, attend relevant other committees eg ICTPC 8. Implement Information Policy/Standards 9. Support VeRSI project	1. Office created/funded for '08/'09/'10 2. Done by Dec '07 3. Done by Aug '07 4. Pass through requests and noted 5. Done by Feb '08 6. Reach all research staff by mid '08, workshop Dec '07?, Seminar > 1/month 7. Committee created, meetings held 8. Info Policy 1st draft by Nov '07, complete mid '08 9. Project runs smoothly
Funding Opportunities	
1. Disseminate information about DEST/NCRIS grant opportunities 2. Participate in grant applications to include more e-Res infrastructure/support 3. Promote State/Federal/org e-Research initiatives 4. Promote and maintain close links with DPI, CSIRO and other allied/industry organisations 5. Provide small grants through the Research Office to aid researcher's use of ICT	1. Up to date info available on web site 2. Help with applications as appropriate 3. Info available on web site, bulletins 4. Regularly meet informally, attend formal meetings, seek out partners 5. Set up internal grant scheme for '08 onwards, set up e-Res grant review board
Enhance Infrastructure	

<ol style="list-style-type: none"> 1. Ensure network capacity appropriate for specific research needs 2. Implement high performance computing 3. Implement research storage 4. Implement repository for research data 5. Join VeRSI storage Grid 6. Promote research projects in ICT Division 7. Implement Australian Access Federation 	<ol style="list-style-type: none"> 1. Liaise with ICT and VeRNet, collate research requirements 2. HPC implemented by mid '08 3. Storage implemented by mid '08 4. Work with Library/ICT to implement general repository by Jan '09 5. Grid joined ('08) 6. Ensure ICT has research-specific projects on budget/project list ('08, '09, '10) 7. AAF implemented 6 months after publication of AAF standards
Lead in e-Research use, including national and international	
<ol style="list-style-type: none"> 1. Join national compute grid 2. Create collaboration virtual spaces 3. Link workspaces with repositories 4. Develop research analysis skills and metadata standardisation 5. Promote cross institution data and spatial modelling expertise 6. Promote La Trobe/Monash/Melbourne research triumvirate 7. Move to publication by electronic means 8. Attend key e-Research meetings national/international and join appropriate e-Research forums/committees 9. Aid international collaborations through e-Research techniques 	<ol style="list-style-type: none"> 1. Ensure researchers have access to national grid as defined by NCRIS ('09) 2. Create web-based collaboration environments for teams of researchers ('09) 3. Link environments (2) with repositories ('09-'10) 4. Hire research analyst, support and enhance researcher's information management skills 5. Link appropriate research activity with modelling groups in Melb/Monash 6. Create a Uni-centred Victorian e-Research committee ('08) 7. Work with Library to promote electronic publications ('10) 8. Meetings attended 9. Successfully align group communications using technology across local and international teams