



Institutional Repositories

**Integration and impact
institutional knowledge management and
dissemination**

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Overview

- IR supporting core mission – key “enterprise” system
- Embed process  Integrate system
- Store and disseminate information 
Flexible exchange and reuse
- Contributing to institutional knowledge management
- Conduit for effective information flow

Southampton IR Integration – Impetus for developments

- Strategic commitment to global commons - maximise research impact & accessibility
- Deliver research assessment
- Need to reduce duplication of effort e.g. web pages, CVs
- Service improvements informed by user feedback
- Strategic review of research infrastructure

Enhancements

- Move to Oracle platform
- Publications lists embedded in the institutional content management system
- Author affiliation links directly to HR and student records
- Legacy information supports whole career pathway and institutional profiles
- Links to Research Management System for REF and reports
- Functionality to improve presentation of non-textual material

Broad context

- Support research activity from early career researchers to Nobel prize winners
- Enhance communities of practice
- Ensure structural change links to cultural change
- Develop trusted environments
- Collaborative service support – models of responsibility, decision-making and delivery

It's all about knowledge

- Researchers are key knowledge workers – high levels of knowledge and social capital
- Tension between “create” - flexible individual/small group and “process” – institutional e.g. QA, accounts, ethics
- Trend to large scale collaborative grants in highly competitive environment
- Growing focus on links with business and enterprise

Communities of practice

- Identifies key players in emerging areas – early formation of new cutting edge communities
- Interdisciplinary brokers with knowledge of more than area
- Exposure breeds new global and local partnerships, public and private sector

Semantic services add to impact

- Expert identifier
- Social networking and collaborative interaction
- End-user mash ups and visualisation tools
- Linked data supporting personalised services
- Agile development and the app store culture

Structural change as cultural catalyst

“In social systems, behavioral and structural changes frequently precede and cause cultural changes” Firestone & McElroy (2003)

“make the importance of sharing knowledge visible” McDermott & O’Dell (2001)

Research life cycle

- Use repository as evidence-base for reward and appraisal systems
- IR contributes to granular reporting on research activity and new models of decision making
- Visible research outputs can promote culture where outcomes influence research lifecycle

Trusted environment: IPR and copyright

- IPR and copyright support must take into account user perceptions and behaviour, not just ensure legal compliance
- Need to developed linked institutional end-user services covering bids, open access, digitization, copyright clearance
- Technical confidence important part of this trust environment – access management, licence options, system stability

Service managers

- Service managers contribute to institutional knowledge management
- Mature phase for IRs as part of next generation research infrastructure and collaborative culture
- Library and IT managers well placed as key brokers between communities