

# British Library and the Digital Age

Research information, theses, preservation  
and access

**Presentation to UKGCE July 2007**

**Jude England**

**Head of Social Science Collections and Research**

# Aim of the presentation

- The role of the BL
- Growth of on-line publishing
- Open Access Repositories
- EThOS
- SHERPA and other e-projects

# EThOS - Context

- Electronic Theses Online service
- Development of similar services
- Mode of production
- British Library role
- Preference for Open Access
- Need for sustainability

# EThOS - History

- 18 month project
  - Led by University of Glasgow
  - Eight other organisations participated
- Product and outcome
  - long term approach
  - importance of sustainability
  - cost recovery basis
- Aim to digitise 75,000 theses in first three years

# EThOS – Service Features

- Single search interface, hosted by BL
- Mixed business model: central or local repository
- Software to collect and label
- IAG Toolkit
- Dissemination and advocacy activities
- Retrospective digitisation of paper theses

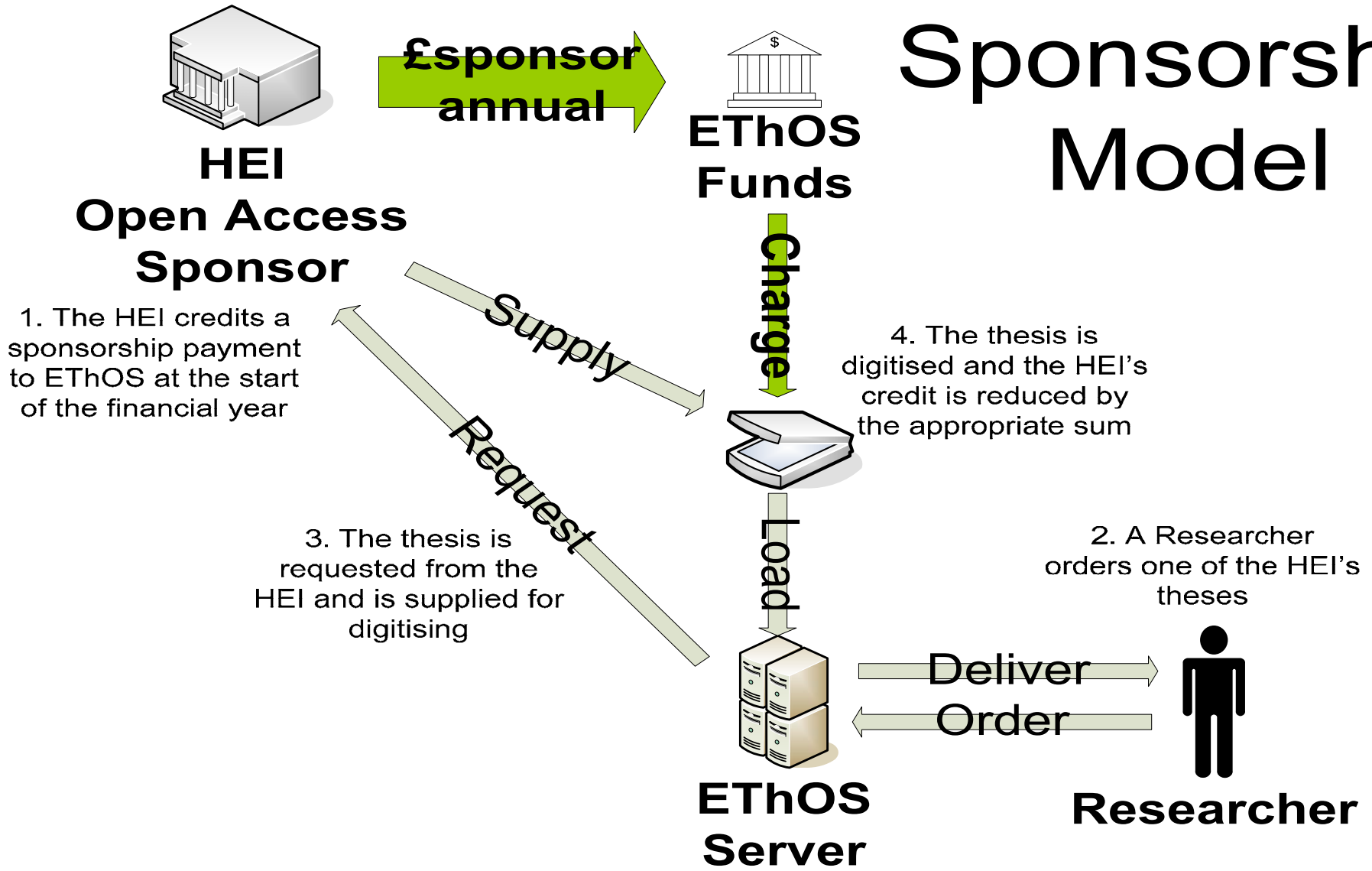
# EThOS – Toolkit for participation

- Produced by Robert Gordon University
- Definitions, operation, advantages
- Content of business case
- Technical requirements and interface
- Training provision
- EThOS net

*<http://ethostoolkit.rgu.ac.uk>*

# EThOS – How it works

## Sponsorship Model



# EThOS – Benefits

- Enables better research
- Disseminates research of institutions
- Promotes knowledge of author's name and work
- Avoids replication and duplication
- Provides central service for a dispersed audience
- Cements relationships between BL, JISC, HEIs, graduate organisations
- Promotes work of UK plc

## ***SHERPA Securing a Hybrid Environment for Research Preservation and Access***

- Developed by consortium, led by University of Nottingham
- Aim to support development of open access repositories in HEIs
- Pre- and post-prints, chapters, conference proceedings: full text and/or reference details
- Focused on development of discrete repositories, hosted at individual institutions

# SHERPA – outcomes

- OpenDOAR – directory of open access repositories worldwide <http://opendoar.org/index.html>
  - RoMEO – guide to policies of journal and book publishers, on rights to publish pre- and post-prints
  - JULIET – guide to the mandates of research councils on placing funded research outputs
  - Guidance notes for researchers intending to archive material
- 
- 100 repositories in the UK
  - Hosted by 82 organisations
  - Both approximately 1 in 10 of the world share

# Emerging issues for digital repositories

- Institutional awareness and support
- IP and rights clearance
- Preservation and access

# The British Library in the Digital Age

- Internation Dunhuang Project
- Codex Sinaiticus
- British Newspapers 1800-1900
- Archival Sound Recordings
- Web Archiving
- Government e-publications
- Digital Object Management
- PLANETS

# Issues for discussion

- What are the barriers to creating/accepting online theses?
- How will online submissions change the content of theses?
- What sorts of outputs will be acceptable as evidence? What are the main issues?
- How important is a plagiarism detection service?
- What are the potential difficulties where born-digital works refer to other born-digital works?

# **EThOS (Electronic Theses On-line Service) screenshots**

# Initial Search Screen

British Library ETHOS - search and order theses online - Windows Internet Explorer provided by The British Library - Internet

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print

Address <http://garvey.bl.uk:8080/ethos/Home.do> Go Links

## BRITISH LIBRARY ETHOS

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 Search full text (where held):

You searched all for: **cranfield** - 119 documents were found.  
 Results sorted by most recent

Results page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [more...](#)

- 1 [The effects of tyre systems on the depth and severity of compaction](#)  
Stranks, Simon Nicholas 2006 Cranfield University, Cranfield University at Silsoe
- 2 [Diagnostic technologies for wound monitoring](#) Trill, Helen 2006 Cranfield University
- 3 [Integrated catchment scale model of a lowland eutrophic lake and river system: Norfolk, UK](#) Whitehead, Jodie 2006 Cranfield University
- 4 [Pre-stressed advanced fibre reinforced composites fabrication and mechanical performance](#) Krishnamurthy, S. 2006 Cranfield University
- 5 [Factors in the implementation of a sustainable knowledge management programme](#) Dayan, Rony 2006 Cranfield University
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**Thesis details**

**Thesis title** The effects of tyre systems on the depth and severity of compaction

**Author** Stranks, Simon Nicholas

**Awarding Institution** Cranfield University, Cranfield University at Silsoe : Cranfield University at Silsoe



**Current Name of Institution** Cranfield University

**Year of Award** 2006      **Advisor** Godwin, R. J., (supervisor) ; Dresser, M. L., (supervisor)

**Qualification name** MSc by Research      **Qualification Level** doctoral

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**BL Ref. Nos.** [ID help](#)

**ETHOS Persistent ID** uk.bl.ethos.180506

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**Institution's Ref. Nos** [ID help](#)

**Thesis id** oai:dspace.lib.cranfield.ac.uk:1826/1215

**Original item url:** <http://hdl.handle.net/1826/1215>

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**Abstract:** High value crops such as peas for the frozen vegetable market have to be harvested at the optimum point for quality, regardless of field conditions. Six wheeled pea harvesters with a gross weight of 27 t, giving a wheel load of 4.5 t are required to move from field to field with optimum timeliness. In order to achieve road speeds of 25 km/h an inflation pressure of 2.2 bar is required for the specific tyre load speed rating. Typically, in field conditions, this inflation pressure is not reduced and therefore the likelihood of soil damage is increased. This study was undertaken to examine the effects of tyre section width and inflation pressure on rolling resistance, rut depth and sub-surface soil deformation. Under controlled laboratory conditions three tyres, at three inflation pressures, with a load of 4.5 t were passed over a soil at three different initial bulk densities. Measurements of dry bulk density, rut depth, rolling resistance, cone penetrometer resistance and soil deformation through the profile were taken before and after the passage of the tyres. The results show that by increasing the tyre size and reducing the inflation pressure the depth at which compaction occurs and rut depth

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<input type="radio"/> mail loose leaf	£10.00	£3.00	£13.00	2 days
<input type="radio"/> mail softbound	£15.00	£3.00	£18.00	4 days
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Date added	Article title	Source	Delivery	Order number	Total	Remove
04-Jun-2007 17:20:39	The effects of tyre systems on the depth and severity of compaction	Electronic	Download	<a href="#">THESIS00000541</a>	£0.00	<input type="checkbox"/>

Total excluding VAT £0.00  
 VAT (17.5%) £0.00  
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**Order details**

Customer name	Mr Anthony Troman
Order reference	THESIS00000541/1/541
Value of order	£0.00
Total VAT	£0.00
<b>Total payable</b>	<b>£0.00</b>

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04-Jun-2007 17:09:02	Studies on the life history of Schistocephalus solidus : : field observations and laboratory experiments.	<a href="#">Download file now!</a>	<a href="#">THESIS00000540</a>	£0.00

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- Do you want to open or save this file?**
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**Thesis details**

**Thesis title** Experiments related to the infra-red conversion of the Glasgow 10m prototype gravitational wave detector.

**Author** Clublely, David Alexander.

**Awarding Institution** University of Glasgow

**Year of Award** 2002

**Qualification name** PhD      **Qualification Level** doctoral

**BL Ref. Nos. [ID help](#)**

**ETHOS Persistent ID** uk.bl.ethos.131439

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<b>Delivery Options</b>				
<input checked="" type="radio"/> download	£0.00	£0.00	£0.00	immediate
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<input type="radio"/> paper	£0.00	n/a	£0.00	10 days

**Delivery Options**

Delivery Options	Cost	P & P	Total	Turnaround
<input checked="" type="radio"/> download	£0.00	£0.00	£0.00	immediate
<input type="radio"/> mail CD/DVD	£8.00	£1.00	£9.00	2 days
<input type="radio"/> mail loose leaf	£10.00	£3.00	£13.00	2 days
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