JUNE 2008
CIRCULAR

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This Circular is also available at:
http://www.qra.org.uk
1. SUBSCRIPTIONS AND MEMBERSHIP INFORMATION

Members are reminded that subscriptions are due on January 1st. Please pay promptly either by STANDING ORDER before this date or by SENDING YOUR CHEQUE punctually. In this way you are reducing the number of reminders and therefore postage costs. Overseas members who have difficulty paying by cheque or standing order can pay by visa (see website for details).

The subscription rates for QRA membership are as follows:

<table>
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<tr>
<th>Membership</th>
<th>Rate</th>
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<tbody>
<tr>
<td>Ordinary Members</td>
<td>£20</td>
</tr>
<tr>
<td>Student, retired and unwaged members</td>
<td>£10</td>
</tr>
<tr>
<td>Institutions</td>
<td>£35</td>
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</tbody>
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Dr Rick Shakesby, Department of Geography, University of Wales Swansea, Singleton Park, Swansea, SA2 8PP, Email: R.A.Shakesby@swansea.ac.uk.

Membership of the Association will be terminated for non-payment of subscriptions.

The Membership List of the Association is available on the password-protected members’ area of the website (contact the Publicity Officer jason.jordan@cov.ac.uk for password details). In order to maintain an up-to-date list of members’ addresses and emails please advise the Secretary (s.lewis@qmul.ac.uk) of any changes in your contact details. Currently half the membership is on the email contact list, if you would like to be added to that list please inform the Publicity Officer. The email list is used for important information only; you will not receive large quantities of unwanted email from the QRA.

2. QRA EXECUTIVE COMMITTEE NOMINATIONS

Five members of the QRA Executive Committee complete their terms of office in January 2009: Rick Shakesby (Treasurer), Pete Langdon (Publications Secretary), Jason Jordan (Publicity Officer), David Anderson (Outreach Officer) and Becky Briant (Ordinary Member). The Executive Committee has nominated the following people to stand for election to these posts.

- Treasurer: Dr Peter Allen
- Publications Secretary: Dr Nick Golledge
- Publicity Officer: Dr Fabienne Marret
- Outreach officer: Dr David Anderson
- Ordinary members: Professor Chris Turney

Unless other nominations are passed to the Secretary by 1st September 2008, the nominees named above will begin their terms of office in January 2009. If other nominations are made, there will be a ballot, which will be issued in the October 2008 Circular.

Simon Lewis (Secretary)
Glen Roy and adjacent areas:
a contribution to the International Year of Planet Earth,
in association with Scottish Natural Heritage and Lochaber Geopark.

Organisers: Adrian Palmer, John Lowe, Jim Rose
Co-organisers: Colin Ballantyne, Doug Benn, Chao-Yuan Chen, Derek Fabel, John Lowe, Alison Macleod, Adrian Palmer, Jim Rose, Brian Sissons
Guest of Honour: Brian Sissons

Focus:
The 2008 autumn short field meeting will be based in Spean Bridge and will focus on the late Quaternary of Glen Roy and adjacent areas. Four field days are planned, during which some of the classic geomorphological and sedimentological features associated with the former ice-dammed lakes in Glen Roy, Glen Spean and Loch Laggan will be re-examined in the light of new evidence. Major developments since the QRA last visited the region in May, 1989 (Peacock & Cornish, 1989) include the construction of a varve chronology for the Roy and Laggan lakes, revision of Loch Lomond Readvance ice limits based on geomorphological mapping, new interpretations of the nature and genesis of ‘hummocky moraine’, cosmogenic nuclide dating of landforms and the parallel road surfaces, and the discovery of Icelandic volcanic ash layers in a number of lake sediment sequences.
The new results enable refinement of the sequence, timing and duration of the ice-dammed lakes and of associated palaeoenvironmental events during the Lateglacial period. The programme will address and encourage debate on a diverse range of themes, including:

- landscape evolution during the Lateglacial period,
- NEXTMAP digital terrain mapping: use in evaluating the Glen Roy evidence,
- reconstructions of the extent of ice cover in the Spean and Truim Valley and surrounding areas during the Loch Lomond Readvance,
- comparisons of the ice limits based on field mapping with numerical models of ice-cap development,
- controls over the timing of changes in lake levels during the Lateglacial,
- comparisons of the sequence of palaeoclimatic events in the Scottish Highlands with those inferred from other records obtained from the North Atlantic region, including the Greenland ice-core records,
- the tephrostratigraphy of the Lateglacial in Scotland: benefits and problems,
- application of cosmogenic nuclide exposure dating methods to the dating of surfaces within Glen Roy,
- the timing and impacts of abrupt climatic events in Scotland during the Lateglacial.

Provisional Programme:

Sunday September 7th: Travel to Spean Bridge
Evening introductory lecture

Monday 8th September: Pass of Drumochter and Upper Truim Valley
Topics: glacigenic landforms and sediments in Pass of Drumochter, Loch Garry area; Late Devensian ice sheet disintegration features and Lateglacial-early Holocene pollen and tephra records in Loch Etteridge; varved sediment and tephra records from eastern Loch Laggan
Co-organisers: Colin Ballantyne, Doug Benn, John Lowe, Alison Macleod, Adrian Palmer
Tuesday 9th September: Glen Roy main valley
*Topics:* Termination of Loch Lomond Readvance in the vicinity of the Glen Roy ‘Viewpoint’; the age and genesis of major debris fans within the valley; evidence for paraglacial activity; indurated till; varved sediment sequences and their significance; cosmogenic nuclide exposure dates and their significance.
*Co-organisers:* Colin Ballantyne, Chaoyuan Chen, Derek Fabel, John Lowe, Alison Macleod, Adrian Palmer, Jim Rose

Wednesday 10th September: Glen Turret and adjacent upland
*Topics:* the Turret fan; ice-marginal landforms and sediment exposures in Glen Turret; evidence of radial ice flow and flutted landforms on the uplands adjacent to Glen Turret; the form and age of ice limit features (moraines; ice-contact slopes) in Glen Roy and tributary valleys.
*Co-organisers:* Doug Benn, Chaoyuan Chen, John Lowe, Adrian Palmer, Jim Rose

Thursday 11th September: Caol Lairig
*Topics:* extensive exposures in this valley provide particularly good access to a complex suite of sedimentary formations; the day will entail a long circuit around a number of key features and exposures which collectively provide new insights into the sequence of events in lower Glen Roy during the last glacial stage.
*Co-organisers:* Chaoyuan Chen, Adrian Palmer, John Lowe, Jim Rose

Friday 12th September: Depart.
It should be noted that all days of the field meeting will involve some long hikes over mountainous and potentially waterlogged terrain, remote from any modern convenience or amenity. The programme is subject to alteration, with the possibility of contributions from other personnel. Registration is now open with a registration form in this Circular.

Further details on the field trip are available on the QRA website (http://www.qra.org.uk) or can be obtained by contacting Adrian Palmer (e-mail: a.palmer@rhul.ac.uk; Telephone: 01784-443507)


**Accommodation:**
This will be centred on Spean Bridge and Roybridge, two villages close to Fort William, just 5 minutes drive from the entrance to Glen Roy. Accommodation in a suitable hotel has been difficult to obtain and therefore we have booked 30 places in a bunkhouse close to Roybridge. For those wishing to stay in ‘more comfortable’ establishments, a local restaurateur has provided us with a list of Bed and Breakfast, which we can provide on registration, but we would ask you to make arrangements for your stay privately and according to your budget. Details of local guesthouses are also provided at the following website (www.scottishaccommodationindex.com/speanbridge.php). Prices will range from ca. £17 to £70 per night. For food, there is a hotel, a Little Chef and a couple of small restaurants in Spean Bridge, two hotels offering meals in Roybridge (5 to 10 minute drive away) and a number of choices in Fort William (20 minutes from Spean Bridge by car).

**Travel:**
Spean Bridge is at the junction of the A82 and A86, some 10 Km NE of Fort William (O.S. grid reference NN 224 818). The railway line from Glasgow to Fort William also passes through, and stops at, Spean Bridge and nearby Roybridge, though there are only a couple of services per day. Travel by train is not expensive if booked well in advance. Where possible, we will arrange to pick up from Roybridge and Spean Bridge stations.

**IMPORTANT NOTE:** Travel during the excursions will be by hired minibuses only. Private cars must not be used because there is single
lane access throughout the length of Glen Roy, very limited parking space and it is a National Nature Reserve managed by SNH and a newly-established Geopark.

Evening meetings:
A village hall in Spean Bridge will be hired for meetings during the field trip. A local pub in Spean Bridge will be used for R and R, although those wishing to stay in the bunkhouse may wish to make use of the sauna!

Maximum party size: limited to 60 participants

4. QRA POSTGRADUATE SYMPOSIUM, 19th – 22nd AUGUST 2008

Building upon the recent successes from past national and international QRA Postgraduate Symposia, The University of Liverpool invites postgraduate students to attend the Quaternary Research Association’s 7th International Postgraduate Symposium situated in the heart of the European Capital of Culture 2008.

Abstracts are welcomed from the full range of Quaternary sciences and all are encouraged to present either an oral or poster presentation in this relaxed, friendly and informal atmosphere.

Participation is particularly encouraged from those at an early stage in their academic career wishing to gain experience in presenting to a friendly audience and foster links with like-minded Quaternary scientists.

Sessions include; Glaciology, Environmental Modelling, Geochronology, Geoarchaeology, Palaeoecology, Sedimentology, and Climate Reconstruction.

Organisers: Katharine Welsh and Ian Thrasher (University of Liverpool, Geography).
Email: QRA2008@liv.ac.uk
www: http://pcwww.liv.ac.uk/~qra2008/

QRA Publications

The QRA currently has field guides to over thirty destinations available for purchase. Recent additions to the series include:

*The Quaternary of the Brecon Beacons* (Carr et al.) 2007
*The Quaternary of the North of Ireland* (Whitehouse et al.) 2008.

The Technical Guide series includes:

*No. 10 The Identification and Use of Palaearctic Chironomidae larvae in Palaeoecology.* (Brooks et al) 2007.
*No. 7 The Description and Interpretation of Quaternary Stratigraphic Field Sections* (Jones et al.) 1999 (Digitally reprinted version).

More details on QRA publications and an order form can be found on the website (www.qra.org.uk).

If you are interested in producing a technical guide please contact the Publications Secretary. If you have a suggestion for a field meeting and accompanying guide book please contact the Meetings Officer.
QRA Annual Discussion Meeting
The Human Dimension in Rapid Environmental Change
Research Laboratory for Archaeology, University of Oxford
5th - 7th January 2009

The Research Laboratory for Archaeology, and the School of Archaeology, University of Oxford, will host the QRA Annual Discussion meeting in January 2009. The main focus will be the role that abrupt environmental changes have played in the direction and pace of human evolution and adaptation, during the Quaternary. Papers and posters are invited (see below) which address a range of topics relevant to this theme, including: (a) hominin evolution, interactions and extinctions; (b) the rise to dominance of Homo sapiens sapiens; (c) abrupt environmental influences on behavioural innovations, including the agricultural ‘revolution’; (d) the biological (DNA) evidence for human dispersal and development; (e) the geographical (landscape) backdrop to the human colonisation and abandonment of different parts of the world; (f) the links between abrupt environmental change and ‘step changes’ in human development and/or dispersal; (g) the degree to which human development has been ‘forced’ by abrupt climatic or other environmental changes – including the need for high precision archives of environmental and human change. These topics are by no means exclusive: other topics will also be considered providing they are relevant to the general theme. Submissions which set out innovatory strategies for interrogating the relationship between human adaptation and environmental change will be particularly welcome. The meeting will be multi-disciplinary in focus and scope. It will encourage interaction and debate between archaeologists, palaeobiologists, chronologists, Quaternary stratigraphers/palaeoecologists, and anthropologists. It is hoped that the meeting will be co-sponsored by one of the main Archaeology societies. We also intend that the conference proceedings will be published in an appropriate journal.

The meeting will be of three days duration and will run from 5th to the 7th January, 2009. The conference will be based at St Anne’s college, Oxford, in an auditorium which holds over 150 people and there will be appropriate adjacent space for displaying posters and for informal meetings. Accommodation will be available in St Anne’s, while there is plenty of scope in Oxford for delegates to make private arrangements for accommodation. Buffet lunches will be available during the conference and formal conference dinner will take place in St Anne’s dining hall. Registration will include a book of abstracts, lunches, teas and coffees, but evening meals will be optional.

Further details of this meeting can be found at the QRA (www.qra.org.uk) and Research Laboratory for Archaeology websites (http://www.rlaha.ox.ac.uk/).

The Local Organising Committee for the meeting comprises Simon Blockley, Nick Barton, Christopher Bronk Ramsey, Peter Ditchfield, Christine Lane, Mark Pollard and Anna Oh, all based in the School of Archaeology, Oxford.

Please contact simon.blockley@rlaha.ox.ac.uk for further details.
QRA Annual Discussion Meeting
The Human Dimension in Rapid Environmental Change
Research Laboratory for Archaeology, University of Oxford
5th - 7th January 2009

Invitation to submit Abstracts for Papers and Posters

Abstracts for oral presentations and posters are now invited for this meeting. Any papers within the main theme of the conference are welcome. Some key themes include:

- the geographical backdrop to human colonisation and dispersal
- the links between abrupt environmental change and ‘step changes’ in human adaptation and development;
- the need for high precision archives of environmental and human change
- hominin evolution, interactions and extinctions;
- abrupt environmental influences on behavioural innovations, including the agricultural ‘revolution’;
- the biological (DNA) evidence for human dispersal and development;

Abstracts should be no more than 500 words in length and all authors should be listed below the title. The presenting author should be highlighted in bold. Please indicate ORAL or POSTER presentation preferences. These abstracts will be considered for acceptance by a science committee and should be sent to qra.conf@rlaha.ox.ac.uk.

DEADLINE FOR ABSTRACT SUBMISSION: MONDAY 20th October.

NOTIFICATION OF ACCEPTANCE: MONDAY 17th NOVEMBER

REGISTRATION DEADLINE: FRIDAY 28th NOVEMBER

The meeting will be multi-disciplinary in focus and scope. It will encourage interaction and debate between archaeologists, palaeobiologists, chronologists, Quaternary stratigraphers/palaeoecologists, and anthropologists.

The conference will be based at St Anne’s college (http://www.st-annes.ox.ac.uk), Oxford, where accommodation will be available.

Full details of the meeting, registration and accommodation will be available online shortly at the Research Laboratory for Archaeology Website (http://www.rlaha.ox.ac.uk/) and also through the QRA website (http://qra.org.uk).
Contacts: Simon Blockley, and Christine Lane:
simon.blockley@rlaha.ox.ac.uk;
christine.lane@rlaha.ox.ac.uk
QRA Annual Field Meeting 2009
The Solent Basin and West Sussex
4th – 8th April 2009

A joint meeting with the Prehistoric Society

Leaders: Becky Briant, Martin Bates, Rob Hosfield, Francis Wenban-Smith

Next year, the Annual Field Meeting will be based at Southampton University and visit a wide range of sites typifying extra-glacial landscapes in the surrounding regions, which have not been visited by the QRA since 1998 (Sussex) and 1987 (Hampshire and the Isle of Wight).

The field meeting will focus on the following themes:

- Evolution of the extra-glacial coastal / fluvial landscape over multiple cycles of sea-level change
- Dating and nature of the Palaeolithic occupation of the region
- Human use of the landscape during the Holocene

The provisional itinerary for the meeting is currently planned to include the following sites:

**Sunday 5th April**
Sussex Raised Beaches, including Boxgrove, Slindon, Selsey and Warblington.

**Monday 6th April**
Isle of Wight, including Priory Bay, a Late-glacial sequence at Watcombe Bottom and Bleak Down.

**Tuesday 7th April**
Pleistocene of the New Forest, including Barton-on-Sea, Pennington and Stone Point interglacial deposits.

**Wednesday 8th April**
Holocene of the New Forest, including Cranes Moor and Barrow Moor.

Further details including costs will be made available in the autumn through the QRA web site and in the October Circular. If you require further information please contact the organisers: Becky Briant (b.briant@qmul.ac.uk), Martin Bates (m.bates@lamp.ac.uk) and Rob Hosfield (r.hosfield@reading.ac.uk) and Francis Wenban-Smith (ffws@soton.ac.uk).

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**Quaternary Newsletter**

QN is published three times a year and includes short research papers, meeting reports, abstracts, research reports, reviews, news and notices. Short research articles (up to 3000 words in length) would be particularly welcomed by the Editor; all submissions are reviewed prior to acceptance.

If you would like to discuss submission of a short research paper for publication in QN please contact the Editor, Dr Mark Bateman (M.D.Bateman@Sheffield.ac.uk).
7. QRA RESEARCH AND CONFERENCE GRANTS

Please note: Full details of all QRA grants and application forms are available on the website (www.qra.org.uk). Applicants for awards should read the details carefully before submitting an application.

If you require a hard copy, please contact Dr Mick Frogley at:
Department of Geography, University of Sussex, Falmer, Brighton, BN1 9QJ
email: M.R.Frogley@sussex.ac.uk
tel: 01273 873237

Quaternary Research Fund
Purpose: To foster research in any area of Quaternary studies
Eligibility: Members of the QRA of at least one years standing (NB postgraduates should apply to the New Research Workers’ Awards)
Deadlines: 15th January, 15th May and 15th September
Awards: £50-500

New Research Workers’ Awards
Purpose: To foster research in any area of Quaternary studies by postgraduate students
Eligibility: Postgraduate student members of the QRA of at least 6 months standing
Deadlines: 15th January, 15th May and 15th September
Awards: Up to £500

Quaternary Conference Fund
Purpose: To assist attendance at Quaternary science conferences and field meetings.
Eligibility: Members of the QRA of at least one years standing
Deadlines: 15th January, 15th May and 15th September
Awards: Normally up to £250

The Bill Bishop Award
Purpose: To provide support for field-based research in the subject of geology and related sciences in the fields of (i) Cenozoic stratigraphy, palaeoenvironments and chronology in relation to hominid evolution and (ii) British Quaternary stratigraphy, palaeoenvironments and geomorphology
Eligibility: Full and part time PhD and MPhil students
Deadline: 15th January annually
Award: £800 (maximum)

Lewis Penny Medal
Purpose: Awarded to a young or new research worker, and who has made a significant contribution to the Quaternary Stratigraphy of the British Isles and its maritime environment.
Deadline: Nominations should be submitted by 15th September annually.

QRA-RLAHA Luminescence Dating Award
Purpose: Set up in collaboration with the Research Laboratory for Archaeology and the History of Art at Oxford University, up to six optically-stimulated luminescence dates (from Pleistocene or Holocene sediments) will be awarded.
Eligibility: PhD students
Deadline: January 15th annually.
Postgraduate QRA Meetings Awards

**Purpose:** To enable a greater number of postgraduates to attend QRA meetings.

**Eligibility:** Any registered postgraduate who has been a QRA member for more than 6 months

**Deadlines:** For Easter Annual Field Meeting or May Short Field Meeting: January 15th
For September Short Field Meeting: May 15th
For January Annual Discussion Meeting: September 15th

**Awards:** 50% of the costs of the meeting (excluding travel to the venue); six awards for the Annual Field Meeting, six awards for the Annual Discussion Meeting and three awards for the Short Field Meeting

See the QRA website for forms and additional information on applying for these research grant schemes.

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**8. QRA-RGS UNDERGRADUATE DISSERTATION PRIZE**

Entries for the 2008 QRA-RGS Undergraduate Dissertation Prize are now being accepted. Entries are limited to one per department and may be on any Quaternary theme. The prize is open to any undergraduate, and membership of the QRA or RGS-IBG is not a requirement for entry. The prize is £250, and the abstract of the winning dissertation will be published in the Quaternary Newsletter.

Submitted dissertations (one copy only) should be posted to Dr Catherine Souch, RGS-IBG, 1 Kensington Gore, London SW7 2AR.

The closing date for submissions is 5th September 2008.

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**9. JOURNAL OF QUATERNARY SCIENCE**

Wiley-Blackwell offers a reduced subscription to the Journal of Quaternary Science to members of the QRA of £64 per year for 2008 and £32 for postgraduate members. This represents outstanding value for money for the Association’s major international journal. The Executive Committee of the QRA urges all members to consider supporting JQS. A subscription to JQS has always been a very good deal and an excellent means of extending your support for the Association. The Association gains financially from JQS subscriptions and this is an important means of generating funds for members’ scientific activities (see the section on funding). Therefore, we hope that you will give the matter of a JQS subscription very serious consideration.

For further subscription details contact the Journals Subscriptions Department, John Wiley & Sons, Ltd, 1 Oldlands Way, Bognor Regis, W. Sussex, PO22 9SA. Tel: +44 (0) 1243 779777; Fax: +44 (0) 1243 843232; e-mail: cs-journals@wiley.co.uk

http://www3.interscience.wiley.com/cgi-bin/home/2507

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**10. QUATERNARY NEWSLETTER**

Copy deadlines for QN are: 1st of January, May and September each year. Material should be submitted to the Editor:

Dr Mark Bateman
Department of Geography,
University of Sheffield
Sheffield, S10 2TN
M.D.Bateman@Sheffield.ac.uk
Elsevier offer *Quaternary Science Reviews* to members of the QRA at reduced rates. For further subscription details contact Elsevier Science, Regional Sales Office, Customer Support Department, P.O. Box 211, 1000 AE Amsterdam, The Netherlands. Tel: +31 20 485 3757; Fax: +31 20 485 3432; e-mail: nlinfo-f@elsevier.nl. *The Holocene* is also available at lower rates. Full details and contacts are available on the journals page of the QRA website

http://www.qra.org.uk/journals.htm

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**12. COMMUNITY CONSULTATION FOR A UK NATIONAL LAKE CORE REPOSITORY**

Community Consultation for a UK National Lake Core Repository

The British Ocean Sediment Core Research Facility (BOSCORF), funded by the Natural Environment Research Council and located at the National Oceanography Centre, Southampton, is the United Kingdom’s national core repository. BOSCORF offers researchers access to the most comprehensive suite of state-of-the-art core logging facilities in the United Kingdom. Widely used by the UK Earth science community, it provides +4º C refrigerated storage for sediment cores allowing secure long-term preservation, ITRAX and GEOTEK multi-sensor core loggers to measure physical properties and geochemistry at increments as small as 200 micrometres (depending on the parameter measured), in-house expertise in core curation and analysis, and data archiving and access. More information on BOSCORF can be found at www.boscorf.org.

BOSCORF's user base is now expanding outside the traditional marine earth sciences. Some lake cores collected by the RAPID programme are now stored and analysed at BOSCORF, and arrangements have been made to store cores collected by English Heritage. BOSCORF will also be implementing state-of-the-art core data visualisation facilities (CoreWall) for community use.

BOSCORF plans to increase its refrigerated storage capacity and its instrument portfolio in the medium term and is keen to solicit views on whether its storage and analysis facilities should be made more formally available to the lake core community. A short online questionnaire has been set up on the BOSCORF website ('Take the lake core questionnaire' at www.boscorf.org) to solicit the lakes core community's views on the desirability of making BOSCORF's facilities more widely available in this way. The questionnaire should take only a few minutes to complete.

'Take the lake core questionnaire' at www.boscorf.org

Thank you very much for your input into this consultation exercise.

Guy Rothwell  
Head, British Ocean Sediment Core Research Facility  
National Marine Facilities Division  
National Oceanography Centre  
Empress Dock  
Southampton  
SO14 3ZH
Offers to arrange meetings are always welcome. Please contact the Meetings Officer: Dr David Roberts (d.h.roberts@durham.ac.uk) to discuss your proposal.

19th – 22nd August 2008
QRA Annual Postgraduate Symposium
Venue: University of Liverpool
Organisers: Katharine Welsh (katharine.welsh@liv.ac.uk) and Ian Thrasher (ian.thrasher@liv.ac.uk)

8th – 11th September 2008
QRA Short Field Meeting: Glen Roy and Adjoining Areas
Venue: Roybridge
Organisers: Adrian Palmer, John Lowe, Jim Rose
Contact: John Lowe (j.lowe@rhul.ac.uk)
See details in this circular

5th-7th January 2009
QRA Annual Discussion Meeting
“The Human Dimension in Rapid Environmental Change”
Venue: University of Oxford
Organisers: Simon Blockley, Nick Barton, Christopher Bronk Ramsey, Peter Ditchfield, Christine Lane, Mark Pollard and Anna Oh
Contact: Simon Blockley (simon.blockley@rlaha.ox.ac.uk)
See details in this circular

4th-8th April 2009
QRA Annual Field Meeting
The Solent Basin and West Sussex
Venue: University of Southampton
Organisers: Becky Briant, Martin Bates, Rob Hosfield
Contact: Becky Briant (b.briant@qmul.ac.uk)

May 2009
QRA Short Field Meeting: North West Highlands of Scotland
Organisers: Sven Lukas, Tom Bradwell
Contact: Sven Lukas (s.lukas@qmul.ac.uk)

September 2009
QRA Short Field Meeting: Canada (Joint with CANQUA)
Organiser: David J.A. Evans and Rene Barendregt
Contact: David Evans (d.j.a.evans@durham.ac.uk)

Details of QRA meetings are also available on the website: www.qra.org.uk

QRA Circular is compiled for QRA members by

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