ANNUAL REVIEW
2010

Oxford Institute for Sustainable Development (OISD)
Creating sustainable environments
When I arrived at Oxford Brookes University in March 2011 to take up a new senior management position, I freely admitted to having been drawn towards a number of precious gems in the university’s display cabinet. I had been particularly excited at the possibilities thrown up by the Oxford Institute for Sustainable Development (OISD). It appeared to my untrained eye to be the type of research and knowledge centre that is so right for the times we live in.

The university sector is undergoing seismic change and is increasingly been asked by the outside world to account for itself - to prove its impact on the lives of real people - so this report illustrates how the work of OISD will remain central to the reputation of one of the UK’s leading modern universities. The current organisational restructuring at Oxford Brookes University is bringing together architects, planners, real estate specialists, computer scientists, visual artists, musicians, filmmakers and engineers under one roof.

The new supra-faculty of Technology, Design and Environment will make disciplinary collaboration easier to achieve, and more efficient to manage and OISD will be provided with a home where it is able to fully exploit the new academic terrain where university research and knowledge transfer is focused on cross-cutting themes, trans-disciplinary working is at a premium and sustainability is taken as a given.

OISD is already working on research projects with other leading UK universities like Oxford University, Cardiff University, University of the West of England and Salford University. It is also undertaking collaborative research with other European universities and has research interests in many other parts of the world. It is to the credit of the staff that the ethos of OISD has made plenty of space for global and local interests in its impressive outputs.

In the past year OISD has published a ground-breaking report, funded by the European Investment Bank, which provides a blueprint for policy makers seeking to incorporate social sustainability within European urban redevelopment initiatives. It was also awarded a 3-year research grant by the UK’s Engineering and Physical Sciences Research Council (EPSRC) to undertake research on ‘Adapting Suburban Neighbourhoods for a Changing Climate: Identifying Effective, Practical and Acceptable Means of Suburban Re-design’ (SNACC).

OISD has won substantial funding for its ‘Re-Engineering the City 2020-2050 (RETOFIT 2050): Urban Foresight and Transition Management’ research project that addresses the critical challenge of how cities develop the knowledge and capability to systemically re-engineer their built environment and urban infrastructure in response to climate change and resource constraints. At the same time OISD is working with The University of Oxford on the Future of Cities project in developing a fascinating research network - ‘Globalisation, Climate Change and Urban Governance: Balancing the Scales for Both Efficient and Pro-Poor Urban Futures – The Case of Brazil and the UK’.

In this brief introduction I am only able to offer you a glimpse, a snapshot of the activity of OISD, so I do hope you will seize the moment here to learn more fully about the important work undertaken with collaborative partners both from within and outside academia. We will be continuing to invest in OISD to help them build further innovative partnerships with environmental stakeholders and carry on their important work. If you would like to work with us in this exciting, challenging area of research and knowledge transfer please don’t hesitate to contact Professor Tim Dixon, the Director of OISD.
The Oxford Institute for Sustainable Development (OISD), which is based within the Faculty of Technology, Design and Environment, was established in July 2004. There are currently eight research groups in OISD, comprising:

- Spatial Planning
- Impact Assessment
- Urban Design
- Real Estate and International Land Policy
- Construction and Project Management
- Technology
- Low Carbon Building
- Architectural Humanities (International Vernacular Architecture Unit, DOSSier and CENDEP).

The research groups focus on different spatial scales and processes. These groups are addressing key questions which include:

- How can we develop robust metrics systems to measure carbon footprints for buildings and cities?
- How can compact cities provide a template for sustainable development?
- How can we create sustainable, not transient, communities in regeneration?
- How can we assess environmental impact to create a sustainable future?
- How can new technologies advance sustainable building design?

OISD, therefore, has a key mission to undertake funded research on sustainability in the built and natural environments at all scales. Its aim is to advance knowledge and practice on sustainable environments by:

- Developing concepts, designs, technical and process approaches;
- Informing policy debates nationally and internationally;
- Developing an empirical evidence base; and
- Contributing to enhanced stakeholder participation.

OISD research addresses the multiple dimensions of sustainable development (social, economic, environmental and governance) and the synergies and processes that link them. Each group has a distinct identity and research strategy, but there are also synergies between them, and multidisciplinary and interdisciplinary working is an important element of our activities. We have an annual income of approximately £800,000 per annum from research councils, government, industry and charities.

For more information on our activities see our website at: [www.brookes.ac.uk/schools/be/oisd/](http://www.brookes.ac.uk/schools/be/oisd/)
As this year’s annual review goes to press, the UK government has just announced its commitment to set a target to cut the UK’s carbon emissions in half by 2027 and change the way the UK produces energy. Between 2008 and 2009 emissions in the UK fell by 8.7% to 566m tonnes per annum, reduction of 23% on 1990 levels of 793m tonnes, and a result partly driven by the recession. The 2027 target is even tougher with an expectation that emissions by the recession. The 2027 target is even tougher with an expectation that emissions are reduced to about 390m tonnes per annum.  

1 DECC Climate Change Act Policy Statement

In addition there is a challenging renewables target set by the previous Labour government: the UK has also signed up to the EU Renewable Energy Directive, which includes a UK target of 15 percent of energy from renewables by 2020, equivalent to a seven-fold increase in UK renewable energy consumption from 2008 levels, which is the most challenging target of any EU Member State.

These strands of policy and other initiatives, such as the Green Investment Bank, are designed to help drive growth and jobs in the economy. For example, meeting the renewable energy targets could provide £100 billion worth of investment opportunities and up to half a million jobs in the renewable energy sector by 2020.

Whilst the global position on carbon emissions remains very challenging, the built environment in the UK will be a key focus for continued action as it potentially offers ‘low hanging fruit’ for reducing carbon emissions. In the UK about 44% of all carbon emissions come from the use of buildings (about 18% of this is from non-domestic buildings and 26% from domestic dwellings). About 60% of total commercial and industrial premises are located in cities, and the UK’s cities are responsible for about 45% of total carbon emissions (with 30% of this total from the English ‘Core Cities’ and London alone). Cities will also therefore be vital hubs to tackle carbon emissions; they provide opportunities for technology deployment and for access to finance and capital, and offer economies of scale in terms of terms of energy consumption. Here in Oxford for example carbon emissions in 2008 were 6.8 tonnes pa, compared with 8.0 tonnes pa for Oxfordshire and 7.0 tonnes per annum for the UK as a whole.  

2 DECC Data

Yet reducing carbon emissions from our cities must be tackled through a variety of measures which includes re-engineering the existing fabric of buildings, or retrofitting them to make them more efficient; improving appliance efficiencies; decarbonising energy supplies and changing people’s behaviour so that demand can also be reduced.

Research which tackles these issues will therefore need to be forward thinking and truly interdisciplinary. This almost certainly means evolving beyond even a multidisciplinary approach to one where different disciplines are deeply interwoven and intertwined to tackle a research issue in innovative and different ways, combining element of science, engineering and social science in a socio-technical framework. Several of our new consortia-based programmes use such an approach (for example, EPSRC Retrofit2050 and ESRC EVALOC) and this of course enables us to build on the strong partnerships we have with institutions internationally, nationally, regionally and locally.

Being based in Oxford offers OISD the real opportunity to connect and be an active part of what is a national and international centre for ‘green thinking’. Our links with Oxford University include close partnership with the Martin School (Future of Cities programme), continuing collaboration with the Smith School of Enterprise and Environment and the Environmental Change Institute on research, and helping deliver Oxford University’s new MSc in Sustainable Urban Development. OISD has also made close connections to the OxFutures group, Climate Change Oxford, the Local Economic Partnership (Oxfordshire City-Region), Low Carbon West Oxford, Low Carbon Oxford, and the 2Degrees network, and is working with local authority and private sector interests to scope out the plans for an Eco Bicester Research and Innovation Centre, to be developed in parallel with the proposed new eco town. Within the new Faculty of Technology, Design and Environment at Oxford Brookes, OISD has also worked closely with colleagues in the School of Technology to develop further research proposals, building on the excellent work on electric vehicles undertaken by the Sustainable Vehicle Engineering Centre and the Department of Psychology. Within the new faculty structure at Brookes OISD aims to connect with other research groups, and produce an enhanced and integrated approach to sustainability-based research.

It will be these initiatives and relationships which will therefore enable us to shape and produce longitudinal research which can not only be reflexive and action-based to help produce the most sustainable outcome for a range of local and regional projects, but which will also help us to connect to other high quality research programmes nationally and internationally. In this respect our ambition is to continue to produce internationally excellent research which really does have impact.

Professor Tim Dixon, Director of OISD and Professor of Real Estate

Acknowledgement: We would like to thank all our colleagues in OISD, the Faculty of Technology, Design and Environment, and the relevant departments in compiling this report, especially, Bridget Durning and Michele Dodd.

These are just some of our main news stories from 2009-2010.

For more news see our website at: www.brookes.ac.uk/schools/be/oisd/news/index.html
OISD and European Investment Bank publish “Measuring Socially Sustainable Urban Regeneration in Europe” study (November 2009)

In November 2009 the Oxford Institute for Sustainable Development published a ground breaking report that provides a blueprint for policy makers seeking to incorporate social sustainability within European urban redevelopment initiatives. This 3 year study has been funded by the European Investment Bank (EIB), under the EIB-Universities Research Action programme, and seeks to improve understanding of how social sustainability can be included in EU urban renewal projects by examining current governance models in 10 policy areas and through the evaluation of 5 case study experiences.

“This study is an important contribution to improved understanding of social sustainability amongst policy makers and reflects the EIB’s involvement in supporting enhanced technical and economic understanding of urban renewal and development. The report will contribute to better urban regeneration project design and socially sustainable investment across Europe” stated Simon Brooks, European Investment Bank Vice-President responsible for the United Kingdom.

“We are delighted to receive this endorsement from the European Investment Bank. Research by the Oxford Institute for Sustainable Development always strives to have a high impact in both policy and practice, and it is clear that the findings from this research will help inform work in both spheres” added Professor Tim Dixon, Project Director.

The report recommends greater integration of socially responsible investment and local authority indicators, alongside increased investment in data gathering to improve understanding of social sustainability. It suggests key ways to improve the monitoring of the social impacts of regeneration and highlights the importance of linking local regeneration projects to city-wide development plans. The work of dedicated development agencies and public private partnerships (PPPs) are shown to be crucial factors in delivering socially sustainable urban regeneration.

The ‘Measuring Socially Sustainable Urban Regeneration in Europe’ report recognises the need for further research in both social sustainability and its measurement in the context of sustainable urban regeneration, and was one of the first research projects financed by the European Investment Bank’s University Research Action programme to be completed.

Adapting to a changing climate: A three-year project funded by EPSRC (September 2009)

Climate change will affect everyone in the future, but the scale and intensity of change will depend on where you live. Equally the capacity of individuals and communities to adapt and change in the face of climate change also depends on where you live, because of how wealthy you and your neighbours are, of the type of house and neighbourhood you live in, and how effectively local policy makers and public service providers will respond to the challenge.

To address this major gap in knowledge, Oxford Brookes University is co-leading a cutting-edge research project which seeks to answer the question - how existing suburban neighbourhoods in the UK can be best adapted to reduce further impacts of climate change and withstand ongoing changes?

The project will provide more sophisticated and tested versions of DECoRuM (www.decorum-model.org.uk), visualisation tools and hedonic pricing models to help decision-makers effectively manage and protect UK’s homes and communities against a changing climate.

Professor Rajat Gupta, Professor in Architecture and Climate Change in the School of Architecture and Co-Director of the OISD: Low Carbon Building Group has been awarded a 3-year research grant (from September 2009) by the UK’s Engineering and Physical Sciences Research Council (EPSRC) to undertake research on ‘Adapting Suburban Neighbourhoods for a Changing Climate: Identifying Effective, Practical and
Acceptable Means of Suburban Re-design (SNACC). The total value of this multi-disciplinary project is £641,318, with University of West of England, Heriot-Watt University and a range of industry partners including ARUP, as well as researchers from overseas. SNACC is one of the six projects (out of 45 shortlisted in the second round) funded under the £6 million call on Adaptation and Resilience to a Changing Climate (ARCC), which is part of the 10-year ‘Living with Environmental Change’ Programme (LWEC) programme.

SNACC focuses on suburbs because they are the most common type of urban area in the UK housing 84% of the population. The project will identify successful adaptation and mitigation measures: these are classed as those that perform well technically (i.e. they protect people and property from climate change impacts and mitigate against further climate change) but are also those that are the most practical and acceptable for those who have to make them happen. The project uses 6 neighbourhoods from 3 cities as case studies (Oxford, Bristol and Stockport). In these areas, key agents of change (e.g. home owners, elected members and planners) will help to determine successful adaptations.

The project will also extend the capability of the RIBA award-winning carbon-counting DECoRuM model, to conceptualise and evaluate the exposure, vulnerability and adaptive capacity of our existing homes and neighbourhoods in UK. The modelling (of climate change, house prices and adaptation outcomes), will allow the participants to visualise what ‘adapted’ neighbourhoods will look like, and deliberative methods from social sciences, to generate a portfolio of adaptation strategies that are feasible, and fully endorsed by stakeholders. The findings will be communicated to a wide network of policy, practice, public and academic beneficiaries. The outcomes will contribute, practically, to securing a sustainable future for the UK’s suburbs in the face of climate change.

Prof Rajat Gupta said: “SNACC is a significant and timely contribution to a research community seeking to address the paucity of socio-technical research. SNACC will expand our research and expertise on climate change mitigation and carbon emission reduction, to evaluating the climate change adaptive capacity of our sub-urban neighbourhoods.”

For further information, please contact Prof Rajat Gupta on rgupta@brookes.ac.uk

Nicholas Whitehouse gains MBE (January 2010)

The former chairman of Terrapin, currently employed as Business Development and Research Advisor in the OISD Technology Research Group has been awarded an MBE in the 2010 new years’ honours for services to the building Industry.

Nick Whitehouse has a long and illustrious record of technical innovation and has worked with the OISD Technology Group for the past two years. His appointment originally came as part of a HEIF3 initiative for business enterprise.

He is a also key figure in Buildoffsite: the organisation representing off-site construction in the UK.

Nick Whitehouse joined Terrapin Limited in 1977 as a Group Architect, was appointed a Director in 1984 and became Chairman/Managing Director in 1996. Over the years he has served on various RIBA, Government and trade association committees to encourage cross sector working and move off-site manufacture into the main stream of construction.

In his role with the Technology Group at Oxford Brookes University, Nick is currently engaged in the development of testing and accreditation facilities to serve the needs of the UK offsite and cladding sectors. He is an important part of increasingly successful drive to make Brookes the preferred supplier of technical support in the area of systems engineering, structural design, building physics and sustainability across these sectors.

See our website for more about the work of the OISD Technology Group: www.brookes.ac.uk/schools/be/oisd/technology/
In April 2010 a team of researchers from OISD led by Dr Ramin Keivani won funding from the Future of Cities Programme, based at Oxford University, to develop a research network entitled, ‘Globalisation, Climate Change and Urban Governance: Balancing the Scales for Both Efficient and Pro-Poor Urban Futures – The Case of Brazil and the UK’.

The one year project also involves Dr Sue Brownill and Prof Tim Dixon of OISD, Dr Idalina Baptista of Said Business School (Oxford University), Prof Jeroen Klink, Prof Rosana Denaldi from Universidade Federal do ABC (Santo Andre - Sao Paulo) and other experts from the UK and Brazil. By contrasting the current UK recession with the rapid growth taking place in Brazil, the project looks at both the potential and the limitations of the two countries’ governance strategies, with respect to social inclusion, climate change and sustainability.

Dr Ramin Keivani said: “This project provides an excellent opportunity for mutual learning for building sustainable urban futures in the two countries. It will also allow us to consolidate and develop academic and professional links not only between the main lead institutions, but also the wider organisations and academics from both UK and Brazil that will be participating in the network.”

The Future of Cities Programme, which focuses on ‘Flexible Cities’ is led by the Institute for Science, Innovation and Society at Oxford University’s Said Business School and is headed by Prof Steve Rayner.

For further information see: www.sbs.ox.ac.uk/centres/insis/news/Pages/cities-funding.aspx

OISD: Construction and Project Management researchers win Best Paper Award (June 2010)

Dr Esra Kurul, Prof Joe Tah and Dr Franco Cheung from the Department of Real Estate and Construction at Oxford Brookes University have won the Best Paper Award for Innovations in Sustainability, for their paper entitled “Does the UK Built Environment Sector have the Capacity to Deliver Sustainability?” at the 6th International Conference on Innovation in Architecture, Engineering & Construction at Penn State University in the USA. Dr Kurul received the award on behalf of the authors from Prof Dino Bouchlaghem, Editor-in-Chief of the International Journal of Architectural Engineering and Design Management published by earthscan.

The paper focuses on the evaluation of the UK Built Environment sector’s ability to deliver sustainability. It illustrates that apart from a strong legal framework, the industry fails in all other aspects of institutional capacity, i.e. structure, staff, skills and tools, and urges for action to deal with this important problem of incapacity.

Dr Kurul said: “This is an area mostly overseen by academics and practitioners in the UK. The last Government demonstrated that such an evaluation is much needed by tasking its Chief Construction Adviser, Paul Morrell, to chair a review of construction’s role in a low carbon economy. I am delighted that the novelty and significance of our ideas were acknowledged with this award and look forward to implementing our plans to explore the agenda-setting opportunities that our idea offers.”

For further information and to express an interest in developments in this area contact: Dr Esra Kurul, ekurul@brookes.ac.uk
OISD Awarded Major EPSRC Grant on Retrofitting Cities to 2050 (August 2010)

OISD has helped secure a major £2m research grant from the Engineering and Physical Science Research Council (EPSRC) under the recent Sustainable Urban Environments ‘Integration Across Scales’ Call. The grant is one of only four awards made under the call, and OISD will be working in partnership with: the Low Carbon Research Institute at the Welsh School of Architecture (WSA) at Cardiff University; The Centre for Sustainable Urban and Regional Futures at Salford University; and the University of Cambridge, Department of Engineering, Centre for Sustainable Development (CSD).

‘Re-Engineering the City 2020-2050 (RETROFIT 2050): Urban Foresight and Transition Management’ will address the critical challenge for contemporary urbanism: how do cities develop the knowledge and capability to systemically re-engineer their built environment and urban infrastructure in response to climate change and resource constraints?

The research will explore a range of future-based scenarios (linked to models, visualisation techniques and pathway analysis) which can help key stakeholders achieve a more sustainable urban environment at a ‘city region’ scale in the UK by 2050. The research therefore aims to achieve a step change in current thinking in UK urban knowledge by focusing on two UK core cities (Greater Manchester and Cardiff/South East Wales).

The OISD work package (led by Principal Investigator, Professor Tim Dixon - Director of OISD and Professor of Real Estate - with co-investigators Professor Ray Ogden - OISD Technology and Professor Georgia Butina-Watson - OISD Urban Design) will focus on developing an Urban Technology Foresight Laboratory, which will, through interaction between scientific experts, practitioners and policy users, identify and characterise prospective disruptive technologies and systems innovations, and provide long-term guiding visions and technology-based roadmaps for urban retrofitting. The research will focus on energy, water and waste in particular.

The proposal brings together an experienced, interdisciplinary team of leading academic researchers, with commercial and public sector research users. Commercial collaborators will include Corus and Arup. Regional collaborators will include Cardiff and Neath Port Talbot Borough Councils, Welsh Assembly Government and Association of Greater Manchester local authorities (AGMA)/Manchester City Region Environment Commission. National dissemination will take place through the BRE, Core Cities, CABE, RICS, and key Government Departments such as DEFRA.

Professor Tim Dixon said: “We are delighted to win this grant. Cities are seen as both the problem and the solution to climate change and resource depletion, and this strongly interdisciplinary research aims to overcome the disconnect between two key issues; firstly, ‘what’ is to be done to the city, through technical knowledge, targets, technological options and the costs of re-engineering, and secondly, ‘how’ it will be implemented through institutions, and regulatory and governance systems. We will be focusing on Transition Theory in an urban context,
which will provide both challenges and exciting opportunities for the team*.

OISD annual income during 2009-10 was approximately £518,587 comprising:

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<thead>
<tr>
<th>Source</th>
<th>Amount</th>
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<td>Research Councils</td>
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<td>UK Charities</td>
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<td>EU Government Bodies</td>
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<td>Other Overseas</td>
<td>£20,194</td>
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<td>Other Sources</td>
<td>£72,168</td>
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Table 1 sets out the details of our successful grant bids in excess of £5000 during the same period (in order of amount awarded to OISD).

<table>
<thead>
<tr>
<th>Funder</th>
<th>Title</th>
<th>Lead Academic</th>
<th>OISD Group</th>
<th>Amount Awarded to OISD</th>
<th>Date Awarded</th>
<th>Start Date</th>
<th>End Date</th>
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<td>ESRC</td>
<td>Evaluating the impact, effectiveness and success of DECC funded low carbon communities</td>
<td>Rajat Gupta</td>
<td>Low Carbon Building</td>
<td>£1,144,509</td>
<td>30/07/2010</td>
<td>01/01/2011</td>
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<td>EPSRC</td>
<td>Re engineering the city 2020-2050. Urban foresight and transition management</td>
<td>Tim Dixon</td>
<td>Real Estate and Land Policy</td>
<td>£374,633</td>
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<td>Oxford Brookes University - Higher Education Innovation Fund</td>
<td>Accreditation and testing for offsite manufacturing including cladding (ATOMIC)</td>
<td>Ray Ogden</td>
<td>Technology</td>
<td>£99,825</td>
<td>01/03/2010</td>
<td>01/03/2010</td>
<td>31/07/2011</td>
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<td>Oxford Brookes University - Higher Education Innovation Fund</td>
<td>Counting the real carbon</td>
<td>Rajat Gupta</td>
<td>Low Carbon Building</td>
<td>£99,028</td>
<td>01/03/2010</td>
<td>01/03/2010</td>
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<td>Good Homes Alliance</td>
<td>GHA monitoring programme</td>
<td>Fionn Stevenson</td>
<td>Low Carbon Building</td>
<td>Confidential</td>
<td>11/01/2010</td>
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<td>Oxford University</td>
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<td>John Glasson</td>
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<td>Low-carbon deep retrofitting of a 1930's semi-detached house in Whitehaven</td>
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<td>Research and development studies - umbrella agreement</td>
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<td>Oxford Brookes University Central Research Fund</td>
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<td>Confidential</td>
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<td>University of Oxford</td>
<td>UKERC Energy Demand</td>
<td>Rajat Gupta</td>
<td>Low Carbon Building</td>
<td>£7,660</td>
<td>01/01/2010</td>
<td>01/01/2010</td>
<td>31/12/2012</td>
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<tr>
<td>Oxford Brookes University Central Research Fund</td>
<td>Sustainable housing design: understanding consumer preferences and market provision</td>
<td>Alan Reeve</td>
<td>Urban Design</td>
<td>£7,000</td>
<td>20/11/2009</td>
<td>01/01/2010</td>
<td>13/12/2010</td>
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<td>Ray Ogden</td>
<td>Technology</td>
<td>£7,000</td>
<td>22/06/2010</td>
<td>not stated</td>
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<td>London Docklands: reflection on regeneration</td>
<td>Sue Brownill</td>
<td>Spatial Planning</td>
<td>£6,934</td>
<td>11/06/2010</td>
<td>01/09/2010</td>
<td>31/03/2011</td>
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<tr>
<td>Savills</td>
<td>Blackbird Leys Regeneration</td>
<td>Georgia Butina Watson</td>
<td>Urban Design</td>
<td>Confidential</td>
<td>01/03/2010</td>
<td>01/05/2010</td>
<td>31/05/2010</td>
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<tr>
<td>Oxford Brookes University Central Research Fund</td>
<td>Understanding everyday mobilities: performing the journey to work in Oxford UK</td>
<td>Tim Jones</td>
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<td>£5,293</td>
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<td>31/12/2010</td>
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<tr>
<td>Infinergy Ltd</td>
<td>Lochluichart windfarm extension: socio-economic assessment</td>
<td>Andrew Chadwick</td>
<td>Impact Assessment</td>
<td>Confidential</td>
<td>31/03/2010</td>
<td>01/04/2011</td>
<td>30/05/2011</td>
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<tr>
<td>London Assembly</td>
<td>Literature review - Olympic venue - regeneration legacy</td>
<td>Sue Brownill</td>
<td>Spatial Planning</td>
<td>£5,050</td>
<td>22/04/2010</td>
<td>01/05/2010</td>
<td>31/05/2010</td>
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</tbody>
</table>
OISD and the Faculty of Technology, Design and Environment place a strong emphasis on linking research with teaching. In terms of total numbers doctoral numbers, some 16 research students were conferred between 1 October 2009 and 30 September 2010. Table 2 shows the conferments (i.e. those who were examined and awarded their degree during 2009-2010) in detail.

### Table 2a PhD Conferments (2009-2010)

<table>
<thead>
<tr>
<th>First name</th>
<th>Surname</th>
<th>Speciality</th>
<th>Project title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lynne</td>
<td>Mitchell</td>
<td>Architecture</td>
<td>Understanding an altered reality: researching the design needs of older people with dementia</td>
</tr>
<tr>
<td>David</td>
<td>Sanderson</td>
<td>Architecture</td>
<td>Integrating development and disaster management concepts to reduce vulnerability in low income urban settlements</td>
</tr>
<tr>
<td>Mariana</td>
<td>Correia</td>
<td>Architecture</td>
<td>Conservation intervention in earthen heritage: Assessment and significance of failure, criteria, conversion theory and strategies</td>
</tr>
<tr>
<td>Joe</td>
<td>Weston</td>
<td>Planning</td>
<td>Environmental decision making</td>
</tr>
<tr>
<td>Andrew</td>
<td>Inch</td>
<td>Planning</td>
<td>The new planning, and the new planner: modernisation, culture, change and the regulation of professional identities in English local planning</td>
</tr>
<tr>
<td>Napaporn</td>
<td>Janchai</td>
<td>Planning</td>
<td>Sustainable tourism planning and management based on community participation in the context of National Parks</td>
</tr>
<tr>
<td>Leonard</td>
<td>Van Duijn</td>
<td>Planning</td>
<td>Clausewitz inspired reflections on aid operations in turbulent environments: the case of Nepal 1999-2005/06</td>
</tr>
<tr>
<td>Ferdinando</td>
<td>Sigona</td>
<td>Planning</td>
<td>The impact of reception and assistance policies on refugee ethnicity and identity. The case of Kosovo refugees in Italy</td>
</tr>
<tr>
<td>Allen</td>
<td>Firth</td>
<td>Planning</td>
<td>The pursuit of coherence in historic conservation management: help or hindrance?</td>
</tr>
<tr>
<td>Louise</td>
<td>Whitehead</td>
<td>Planning</td>
<td>Involuntary urban resettlement: a study of socio-cultural livelihood impoverishment and reconstruction in Phnom Penh, Cambodia</td>
</tr>
<tr>
<td>Lei</td>
<td>Zhou</td>
<td>Real Est &amp; Const Manage</td>
<td>Achieving sustainable development through the private finance initiative procurement process in the UK</td>
</tr>
<tr>
<td>Usha</td>
<td>Prabhakaran</td>
<td>Civil Engineering</td>
<td>Nonlinear analysis of scaffolds with semirigid connections</td>
</tr>
<tr>
<td>Thi Hong Hanh</td>
<td>Vu</td>
<td>Urban Design</td>
<td>Canals and city identity in HCMC -Vietnam</td>
</tr>
<tr>
<td>Anila</td>
<td>Naeem</td>
<td>Urban Design</td>
<td>Reinstiting the significance of Historic Places: a case based study on the historic towns of Sindh, Pakistan</td>
</tr>
<tr>
<td>Anwar</td>
<td>Punekar</td>
<td>Urban Design</td>
<td>Rebuilding multicultural Indian historic cities: the case of Bijapur</td>
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### Table 2b MPhil Conferments (2009-2010)

<table>
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<tr>
<th>First name</th>
<th>Surname</th>
<th>Speciality</th>
<th>Project title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sang-Soo</td>
<td>Mun</td>
<td>Planning</td>
<td>Tiering approaches in the spatial development process and SEA</td>
</tr>
</tbody>
</table>
PhD: David Sanderson - Integrating development and disaster management concepts to reduce vulnerability in low income urban settlements

In 2009 I completed my PhD by published works, ‘Integrating development and disaster management concepts to reduce vulnerability in low income urban settlements’. The work brought together research and publications I had undertaken between 1995 and 2008 working in development and emergencies for aid agencies on projects in Africa, Asia, Latin America and Europe.

The subject of the work concerns uniting aid agency approaches to long term chronic poverty and short term acute disasters. While aid agencies often work in both these areas, they often employ differing conceptual understandings. Yet, from the perspective of vulnerable people, chronic poverty and acute emergency are part of the same continuum.

To these ends my work sought to develop and articulate further the ‘livelihoods approach’, a developmental conceptualisation first developed by Chambers and Conway in 1991 and which subsequently became a mainstream developmental approach in the late 1990s. While the model articulated in its original definition understandings of risk and vulnerability, this aspect had been largely ignored in subsequent interpretations of the model by donors and others.

My work therefore sought to develop two areas. The first of this was a clearer description of vulnerability. The second area was to apply the model to urban areas. Conceived initially as a rurally applicable model, I sought to critically review the application of the revised model within low income urban settings in projects in Peru, India, Zambia and Kosovo.

This latter application has increasing resonance and applicability at a time where disasters in urban areas is on the increase. Disasters in 2010/11 in Japan, Haiti, Brisbane, Chile and Christchurch bear witness to increased vulnerability in urban areas, caused primarily by rapid urban growth, which, according to UN Habitat, is taking place at the rate of one million new urban dwellers per week. The World Bank recently called increased urban risk a new ‘game-changer’ for NGOs.

Urban risk reduction and the role of humanitarian aid agencies is an important strand at the work of the Centre for development and Emergency Practice (CENDEP), where I am Director. In December 2010 I led a review of the response to the Haiti earthquake by the UK’s 13 largest non-governmental organisations (NGOs) on behalf of the Disasters Emergency Committee (DEC). The central question was, ‘what can be learnt for international NGOs for the next urban disaster?’ The 30 page study provided 10 recommendations, of which the final, main recommendation was to prepare for the next 3-5 large urban disasters that will almost definitely occur over the next 10 years.

The methodological approach underpinning the study was the livelihoods approach – to see disasters as dramatic events that are also part of everyday life, and for which affected people need a range of measures that take account of, and build on, their own skills and abilities. From this perspective, people are not helpless victims but are determinants of their own futures and best suited to lead their own recovery, which for aid agencies means working in ways that build long term recovery, as well as meeting immediate basic, life saving needs.

The report ‘Urban Disasters - Lessons from Haiti, Study of member agencies’ responses to the earthquake in Port au Prince, Haiti, January 2010’ can be found at the DEC website, www.dec.org.uk

David on fieldwork in Gujarat, India, 2010
Examples
OISD staff have held, or currently hold, a number of high-profile visiting posts at universities and organisations in the UK and overseas including, for example, the international Visiting Professorship of John Glasson at Curtin University. Rajat Gupta is a Faculty Associate in the Smith School of Enterprise and Environment, University of Oxford.

OISD has recently been a member of several important and successful UK Research Council consortia, such as EPSRC UWAC and SNACC.

Staff also have editorial roles: Nick French is the Editor of Property Investment and Finance, and John Glasson, the Editor of the Routledge Natural and Built Environment Series. Tim Dixon is on the editorial board of five leading academic journals, and is a member of the steering group of Oxford University’s Future of Cities Programme and a member of the RICS Sustainability Task Force.

OISD Collaborators
In the UK we have collaborative research programmes with:

- University of Surrey
- University of Leeds
- Lancaster University
- University of the West of England
- University of Oxford
- University of Salford
- University of Cambridge
- Cardiff University

Further afield, we have collaborative research links with:

- Ryerson University, Toronto
- University of Montreal, School of Architecture
- UMR CNRS, Laboratoire d’Ecologie Alpine, Grenoble
- Universite de Paris VIII, Institut Francais d’Urbanisme
- University of Toulouse le Marail
- Brandenburg Technical University
- HafenCity Universitat, Hamburg
- Helmholtz Centre for Environmental Research - UFZ
- Fachhochschule Lübeck
- University of Marburg
- Universita degli Studi di Torino
- University of Kentucky
- University of Louisville, Center for Environmental Policy and Management
- Milan Politechnico
- Dept of Architecture, University of Oregon
- Higher School of Economics, Moscow
- Osaka University
- University of Arizona

We also have many links through visiting staff roles. During 2009/10 we hosted visiting academics from:

- Griffith University, Australia
- University of Tras-os-Moutes e Alto Douro, Portugal
- Korea Maritime University
- Eastern Mediterranean University, Turkey
- University of Rome
Our funders

Over the last four years these have included:

- AEA Technology
- Arts Council England (Museum Libraries and Archive Council)
- BDP Limited
- Beckers Industrial Coatings Limited
- Berkley Group Homes
- Brett Martin Daylight Systems
- British Academy
- British Council (UKIERI)
- British Council of Offices
- BSL Scaffolding UK Ltd
- Capita Symonds
- Centre for Education in the Built Environment
- Central Research Fund – Oxford Brookes University
- Cherwell District Council
- Crest Nicholson
- Daiwa Anglo Japenese Foundation
- DCLG
- Deborah Services Limited
- DTI
- EDFEnergy
- EPSRC
- Erasmus Mundus
- ESRC
- Euroclad Ltd
- Eurofox Engineering Ltd
- European Coil Coating Association
- European Investment Bank
- European Union
- Everup Scaffolding Company Ltd
- Geoffrey Osbourne Limited
- George Roberts (NW) Ltd
- Gifford Ltd
- Good Homes Alliance
- Groundwork London
- Groundwork SE
- Hackney Borough Council
- Halcrow Group Ltd
- Haskoning UK Ltd
- HEFCE (HEIF)
- Heriot Watt (for CABE)
- Heritage Lottery Fund
- Home Group
- Homes and Communities Agency
- Hyder Consulting
- Infinergy Ltd
- International Labour Organisation
- Investment Property Forum
- John Comerford
- Kingerlee Homes
- Living Steel
- London Assembly
- Lyndon Scaffolding Systems
- Manches Solicitors
- MAAP Architects
- Magnox Decommissioning
- Millenium Scaffolding Systems
- Momena
- National Access and Scaffolding Confederation
- NESTA
- New Earth Solutions
- Osaka University
- Oxford City Council
- Portacabin Ltd
- QBM
- RICS
- RICS Education Trust
- Ridge Construction
- Royal Haskoning
- Rupert Taylor Ltd
- Sagong University
- Save the Children
- SFS Intec
- Shoreditch Trust
- Steel Construction Institute
- Stewart Mline Group
- Tata Steel
- Technocraft
- Technology Strategy Board
- TEN
- Terrance O'Rourke
- Terrapin
- TRAD Hire & Sales Ltd
- Turner Fabrication Ltd
- Unite Ltd
- UNITE modular solutions
- University College London – Urban Buzz
- University of Oxford
- University of Surrey
- University of Westminster
- VROM
- Whitton Industrial Limited
- Workforce Development Fund (OBU)

As a research institute we are very conscious of the fact that our own
behaviour on a personal and professional basis can have an impact on the environment. Researchers can, for example, clock up a large number of air miles on conference trips, and we all have an immediate impact on our surroundings in our journey to work if we use cars. Here are some simple examples of how we are trying to cut carbon emissions:

- OISD is a member of the UK Green Building Council.
- Brookes has a Sustainable Travel Plan and a dedicated bus scheme with increasing use promoted to staff, students and community (Brookes bus scheme - Green Award gained).
- Waste management scheme and movement sensitive lighting in the Buckley building where the core of OISD is based.
- Oxford Brookes University electricity is supplied from 100% renewables.
- Members of OISD are on the University's sustainability and corporate responsibility working parties.

The photograph shows Professor Tim Dixon, Director of OISD (far left, front), with fellow research staff based in OISD, and other staff in the Faculty of Technology, Design and Environment.
## Impact Assessment Unit

<table>
<thead>
<tr>
<th>Name</th>
<th>Job title</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andrew Chadwick</td>
<td>Research Associate</td>
<td>Planning</td>
</tr>
<tr>
<td>Dr Bridget Durning</td>
<td>Senior Research Fellow</td>
<td>Planning</td>
</tr>
<tr>
<td>Prof John Glasson</td>
<td>Emeritus Professor, Founding Director of OISD</td>
<td>Planning</td>
</tr>
<tr>
<td>Dr Anastassios Perdicoulis</td>
<td>Visiting Research Fellow</td>
<td>Planning</td>
</tr>
<tr>
<td>Dr Jake Piper</td>
<td>Senior Research Fellow</td>
<td>Planning</td>
</tr>
<tr>
<td>Prof Riki Therivel</td>
<td>Visiting Professor</td>
<td>Planning</td>
</tr>
<tr>
<td>Dr Joe Weston</td>
<td>Principal Lecturer</td>
<td>Planning</td>
</tr>
<tr>
<td>Elizabeth Wilson</td>
<td>Reader and Director of Impact Assessment Unit</td>
<td>Planning</td>
</tr>
<tr>
<td>Dr Graham Wood</td>
<td>Reader</td>
<td>Planning</td>
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## Spatial Planning Group

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<thead>
<tr>
<th>Name</th>
<th>Job title</th>
<th>Department</th>
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<tbody>
<tr>
<td>Dr Camillo Boano</td>
<td>Associate Lecturer</td>
<td>Planning</td>
</tr>
<tr>
<td>Stephen Brown</td>
<td>Research Associate</td>
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</tr>
<tr>
<td>Dr Sue Brownill</td>
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</tr>
<tr>
<td>Dr Juliet Carpenter</td>
<td>Senior Research Fellow</td>
<td>Planning</td>
</tr>
<tr>
<td>Jamie Elwin</td>
<td>Senior Lecturer</td>
<td>Planning</td>
</tr>
<tr>
<td>Dr Robin Ganser</td>
<td>Senior Lecturer</td>
<td>Planning</td>
</tr>
<tr>
<td>Dr Ellie Jupp</td>
<td>Research Fellow</td>
<td>Planning</td>
</tr>
<tr>
<td>Dr Beacon Mbiba</td>
<td>Senior Lecturer</td>
<td>Planning</td>
</tr>
<tr>
<td>Peter Headicar</td>
<td>Reader in Transport Planning</td>
<td>Planning</td>
</tr>
<tr>
<td>Dr Tim Jones</td>
<td>Research Assistant</td>
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</tr>
<tr>
<td>Dr Tim Marshall</td>
<td>Senior Lecturer</td>
<td>Planning</td>
</tr>
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<tr>
<td>Richard Nunes</td>
<td>Senior Lecturer in Spatial Planning</td>
<td>Planning</td>
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<tr>
<td>Dr Augustin Rodriguez-Bachiller</td>
<td>Research Affiliate</td>
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<tr>
<td>Dr Nando Sigona</td>
<td>Research Associate (to August 2010)</td>
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<tr>
<td>Prof James Simmie</td>
<td>Professor of Innovation and Urban Competitiveness</td>
<td>Planning</td>
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<tr>
<td>Peter Smith</td>
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<tr>
<td>Philip Turner</td>
<td>Senior Lecturer</td>
<td>Planning/ REC</td>
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<tr>
<td>Dr Dave Valler</td>
<td>Reader, Director of Spatial Planning Group</td>
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<tr>
<td>Prof Stephen Ward</td>
<td>Professor of Planning History</td>
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<tr>
<td>Dr Emma Wragg</td>
<td>Associate Lecturer</td>
<td>Planning</td>
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**Urban Design Group**

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<thead>
<tr>
<th>Name</th>
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<th>Department</th>
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<tbody>
<tr>
<td>Prof Ian Bentley</td>
<td>Emeritus Professor</td>
<td>Architecture/ JCUD</td>
</tr>
<tr>
<td>Prof Georgia Butina-Watson</td>
<td>Head of Department of Planning, Director of Urban Design Group</td>
<td>Planning/ JCUD</td>
</tr>
<tr>
<td>Andrew Burns</td>
<td>Associate Lecturer, Director of Matrix</td>
<td>Planning</td>
</tr>
<tr>
<td>Dr Jon Cooper</td>
<td>Senior Lecturer</td>
<td>Planning/ JCUD</td>
</tr>
<tr>
<td>Prof Brian Goodey</td>
<td>Emeritus Professor of Landscape Design</td>
<td>Planning/ JCUD</td>
</tr>
<tr>
<td>Rebecca Kiddle</td>
<td>PGTA in Urban Design</td>
<td>JCUD</td>
</tr>
<tr>
<td>Jacob Kimaryo</td>
<td>Research Associate</td>
<td>JCUD</td>
</tr>
<tr>
<td>Dr Karl Kropf</td>
<td>Associate Lecturer, Research Associate in Historic Conservation and Urban Design</td>
<td>Architecture/ JCUD</td>
</tr>
<tr>
<td>Dr Regina Mapua Lim</td>
<td>Associate Lecturer, Research Fellow</td>
<td>Planning</td>
</tr>
<tr>
<td>Laura Novo de Azevedo</td>
<td>Senior Lecturer in Planning and Urban Design</td>
<td>Planning</td>
</tr>
<tr>
<td>Dr Alan Reeve</td>
<td>Savills Reader, Programme Leader in Urban Design</td>
<td>Planning/ JCUD</td>
</tr>
<tr>
<td>Dr Roger Simmonds</td>
<td>Associate Lecturer</td>
<td>Planning/ JCUD</td>
</tr>
<tr>
<td>Dr Michelle Thomas</td>
<td>Senior Lecturer</td>
<td>Architecture/ JCUD</td>
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### Low Carbon Building Group

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<tr>
<th>Name</th>
<th>Job title</th>
<th>Department</th>
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<tbody>
<tr>
<td>Smita Chandiwala</td>
<td>Researcher in Carbon Counting (to June 2010)</td>
<td>Architecture</td>
</tr>
<tr>
<td>Dimitra Dantsiou</td>
<td>Research Associate in Carbon Counting</td>
<td>Architecture</td>
</tr>
<tr>
<td>Dr Caroline Fox</td>
<td>Research Fellow in Low Carbon Communities</td>
<td>Architecture</td>
</tr>
<tr>
<td>Matt Gregg</td>
<td>Research Associate in Architecture and Climate Change</td>
<td>Architecture</td>
</tr>
<tr>
<td>Prof Rajat Gupta</td>
<td>Co-Director of Low Carbon Building Group</td>
<td>Architecture</td>
</tr>
<tr>
<td>Mary Hancock</td>
<td>Senior Lecturer</td>
<td>Architecture</td>
</tr>
<tr>
<td>Revd Prof Michael Humphreys</td>
<td>Emeritus Professor</td>
<td>Architecture</td>
</tr>
<tr>
<td>Maria Rita Kessler</td>
<td>Associate Lecturer</td>
<td>Architecture</td>
</tr>
<tr>
<td>Prof Fergus Nicol</td>
<td>Emeritus Professor</td>
<td>Architecture</td>
</tr>
<tr>
<td>Masoudeh Nooraei</td>
<td>Associate Researcher</td>
<td>Architecture</td>
</tr>
<tr>
<td>Lisa Pasquale</td>
<td>KTP Associate</td>
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</tr>
<tr>
<td>Paola Sassi</td>
<td>Senior Lecturer</td>
<td>Architecture</td>
</tr>
<tr>
<td>Dr Fionn Stevenson</td>
<td>Reader, Co-Director of Low Carbon Building Group</td>
<td>Architecture</td>
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### Technology Group

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<tbody>
<tr>
<td>Dancho Azagra</td>
<td>Associate Researcher</td>
<td>Architecture</td>
</tr>
<tr>
<td>Dr Bousmaha Baiche</td>
<td>Research Fellow</td>
<td>Architecture</td>
</tr>
<tr>
<td>Michael Hill</td>
<td>Research Associate</td>
<td>Real Estate and Construction/ Architecture</td>
</tr>
<tr>
<td>Architecture</td>
<td>Postgraduate Research Assistant (from Jan 10 located at Warwick University)</td>
<td>Architecture</td>
</tr>
<tr>
<td>Chris Kendrick</td>
<td>Senior Lecturer</td>
<td>Architecture</td>
</tr>
<tr>
<td>Justyna Laszczynska</td>
<td>Research and Office Assistant</td>
<td>Architecture</td>
</tr>
<tr>
<td>Prof Raymond Ogden</td>
<td>Associate Dean (Research and Knowledge Transfer), Director of Technology Group</td>
<td>Faculty</td>
</tr>
<tr>
<td>Steve Race</td>
<td>Principal Lecturer</td>
<td>Architecture</td>
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<tr>
<td>Adrian Robinson</td>
<td>Associate Researcher</td>
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<tr>
<td>James Robinson</td>
<td>Senior Research Fellow</td>
<td>Architecture</td>
</tr>
<tr>
<td>Raymond Salter</td>
<td>Laboratory Manager</td>
<td>Faculty</td>
</tr>
<tr>
<td>Dr Nicholas Walliman</td>
<td>Senior Lecturer</td>
<td>Architecture</td>
</tr>
<tr>
<td>Dr Xiaoxin Wang</td>
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<tr>
<td>Nicholas Whitehouse</td>
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## Architectural Humanities

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<thead>
<tr>
<th>Name</th>
<th>Job title</th>
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<tbody>
<tr>
<td>Kate Angus</td>
<td>Associate Researcher, CENDEP</td>
<td>Architecture</td>
</tr>
<tr>
<td>Jeni Burnell</td>
<td>Associate Researcher, CENDEP</td>
<td>Architecture</td>
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<tr>
<td>Richard Carver</td>
<td>Senior Lecturer, CENDEP</td>
<td>Architecture</td>
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<tr>
<td>Ahmadreza Foruzanmehr</td>
<td>Research Associate, IVAU</td>
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<tr>
<td>Bill Flynn</td>
<td>Associate Researcher, CENDEP</td>
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<tr>
<td>Matt Gaskin</td>
<td>Head of School of Architecture (from Sept 2010)</td>
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<tr>
<td>Nabeel Hamdi</td>
<td>Emeritus Professor, CENDEP</td>
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<tr>
<td>Angela Hatherell</td>
<td>Research Associate, IVAU</td>
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<tr>
<td>Prof Paul Oliver</td>
<td>Visiting Professor, IVAU</td>
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<tr>
<td>Dr Aylin Orbasli</td>
<td>Reader, IVAU</td>
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<td>Brigitte Piquard</td>
<td>Reader, CENDEP</td>
<td>Architecture</td>
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<tr>
<td>Prof David Sanderson</td>
<td>Director of CENDEP</td>
<td>Architecture</td>
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<tr>
<td>Mark Swenarton</td>
<td>Head of School of Architecture (to Aug 2010), DoSSIER</td>
<td>Architecture</td>
</tr>
<tr>
<td>Igea Troiani</td>
<td>Senior Lecturer, DoSSIER</td>
<td>Architecture</td>
</tr>
<tr>
<td>Dr Marcel Vellinga</td>
<td>Reader, Acting Director of Architectural Humanities Group, IVAU</td>
<td>Architecture</td>
</tr>
<tr>
<td>Helena Webster</td>
<td>Associate Dean (Student Experience), DoSSIER</td>
<td>Architecture</td>
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## Real Estate and Land Policy Group

<table>
<thead>
<tr>
<th>Name</th>
<th>Job title</th>
<th>Department</th>
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</thead>
<tbody>
<tr>
<td>Judith Britnell</td>
<td>Research Fellow in Urban Technology Foresight</td>
<td>REC</td>
</tr>
<tr>
<td>Dr Albert Cao</td>
<td>Senior Lecturer</td>
<td>REC</td>
</tr>
<tr>
<td>Dr Youngha Cho</td>
<td>Senior Lecturer</td>
<td>REC</td>
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<tr>
<td>Gina Dalton</td>
<td>Deputy Head of Department</td>
<td>REC</td>
</tr>
<tr>
<td>Peter Dent</td>
<td>Senior Lecturer</td>
<td>REC</td>
</tr>
<tr>
<td>Prof Tim Dixon</td>
<td>Professor of Real Estate, Director of OISD, Co-Director of Real Estate and Land Policy Group</td>
<td>REC</td>
</tr>
<tr>
<td>Prof Nick French</td>
<td>Professor of Real Estate</td>
<td>REC</td>
</tr>
<tr>
<td>Richard Grover</td>
<td>Senior Lecturer</td>
<td>REC</td>
</tr>
<tr>
<td>Dr Ramin Keivani,</td>
<td>Research Co-ordinator and Tutor, Dept of REC, Co-Director of Real Estate and Land Policy Group</td>
<td>REC</td>
</tr>
<tr>
<td>Prof Anthony Lavers</td>
<td>Visiting Professor</td>
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</tr>
<tr>
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<tr>
<td>Dr Claire Roberts</td>
<td>Senior Lecturer</td>
<td>REC</td>
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<tr>
<td>David Shiers</td>
<td>Senior Lecturer</td>
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<tr>
<td>Dr Sally Sims</td>
<td>Lecturer</td>
<td>REC</td>
</tr>
<tr>
<td>Dr Mike Stubbs</td>
<td>Senior Lecturer</td>
<td>REC/ Planning</td>
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<tr>
<td>Dr Xu Ye</td>
<td>Lecturer</td>
<td>REC</td>
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**Construction and Project Management**

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<thead>
<tr>
<th>Name</th>
<th>Job title</th>
<th>Department</th>
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<tbody>
<tr>
<td>Henry Abdanda</td>
<td>Research Assistant</td>
<td>REC</td>
</tr>
<tr>
<td>Dr Franco Cheung</td>
<td>Senior Lecturer</td>
<td>REC</td>
</tr>
<tr>
<td>Dr Jonathan Rihan</td>
<td>Post-doc research assistant in applied computing</td>
<td>REC</td>
</tr>
<tr>
<td>Dr Esra Kurul</td>
<td>Senior Lecturer</td>
<td>REC</td>
</tr>
<tr>
<td>Austine Ng’ombe</td>
<td>Research Assistant</td>
<td>REC</td>
</tr>
<tr>
<td>Prof Joe Tah</td>
<td>Professor in Construction Management, Director of</td>
<td>REC</td>
</tr>
<tr>
<td></td>
<td>Construction and Project Management Group, Head of</td>
<td></td>
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<tr>
<td></td>
<td>Department of Real Estate and Construction</td>
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</tr>
<tr>
<td>Rev Brian Wood</td>
<td>Senior Lecturer</td>
<td>REC</td>
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</tbody>
</table>

**Affiliated Staff**

<table>
<thead>
<tr>
<th>Name</th>
<th>Job title</th>
<th>Department</th>
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</thead>
<tbody>
<tr>
<td>Dr Carol Dair</td>
<td>Research Fellow, Director of OISD: Cities</td>
<td>Architecture</td>
</tr>
<tr>
<td>Prof Mike Jenks</td>
<td>Emeritus Professor</td>
<td>Architecture</td>
</tr>
<tr>
<td>Lynne Mitchell</td>
<td>Research Fellow (from Jan 10 located at Warwick</td>
<td>Architecture</td>
</tr>
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<td></td>
<td>University)</td>
<td></td>
</tr>
<tr>
<td>Dr Shibu Raman</td>
<td>Research Fellow</td>
<td>Architecture</td>
</tr>
</tbody>
</table>
The publications in the following lists cover the period October 2009 to September 2010.

Some examples of published books from OISD staff

**Impact Assessment Unit**

**Books/Book Chapters**

**2009**


**2010**


**Conference Papers**

**2009**

2010


Journal Articles

2010


Spatial Planning Group

Books

2009


2010


**Book Reviews**

**2009**


**Conference Papers**

**2009**


**2010**


**Journal Articles**

**2010**


Urban Design Group

Journal Articles
2010


Low Carbon Building Group

Books
2010


Conference Papers
2009


2010


Journal Articles
2009


2010

Technology Group

Books

2009


2010


Conference Papers

2009

Lawson, R. and Ogden, R. (2009), Sustainability and process benefits of modular construction. CIOB Conference.

2010


Architectural Humanities

Books

2009


2010


Piquard, B. (2010). *Does Violent Architecture Exist?* This week in Palestine. OPT.


Book reviews


Conference Papers

2009

Carless, T. (2009), Reclaiming Public Space. CAPPE. University of Brighton.


Orbasli, A. (2009), *Value of Cultural Heritage to Tourism Development*. UAE.

Journal Articles

2009

2010


Real Estate and Land Policy Group

Books

2010


Conference Papers

2009


2010


Journal Articles

2009


2010


Magazine Articles

2010


Reports

Dixon, T., Otsuka, N., and Abe, H. (2010). Cities in Recession: Urban Regeneration in Manchester (England) and Osaka (Japan) and the Case of ‘Hardcore’ Brownfield Sites.


Conference Papers

2010


Kurul, E., Tah, J. and Cheung, F. (2010). Does the UK Built Environment Sector have the Capacity to Deliver Sustainability?, 6th International Conference on Innovation in Architecture, Engineering & Construction, June 9-11, 2010, Penn State University, USA.

Kurul, E. (2010). Using Social Networks to Understand Knowledge Creation in Project Environments, CIB World Congress, May 10th - 13th, University of Salford, UK.

Appendix 1 | OISD and Senior Management Team (Research) and Related Staff

Professor Tim Dixon
Director of OISD

Professor Tim Dixon is Professor of Real Estate and Director of the Oxford Institute for Sustainable Development (OISD) in the Faculty of Technology, Design and Environment at Oxford Brookes University, UK. With more than 25 years’ experience of research, education and professional practice in the built environment he is a fellow of the RICS and of the Higher Education Academy, a member of SEEDA’s South East Excellence Advisory Board, as well as the editorial boards of five leading international real estate journals. He has worked on funded collaborative research projects with UK and overseas academics and practitioners and his personal research interests revolve around (1) the sustainability agenda and its impact on property development, investment and occupation, and (2) the impact of ICT on commercial property and real estate markets. The research is based on a strong interdisciplinary approach which incorporates policy and practice impacts, and futures thinking. He is also a member of the CORENET Sustainability Working Group, and a member of the Steering Group for the ‘Future of Cities’ Research programme, based in the Martin School at Oxford University. In 2009 he was awarded Honorary Fellow status of the Institute of Green Professionals. He also leads the new interdisciplinary doctoral training programme on Urban Futures within the Faculty of Technology, Design and Environment. He regularly contributes to undergraduate and postgraduate teaching and supervision within the Department of Real Estate and Construction.

Email: tdixon@brookes.ac.uk

Professor Ray Ogden
Associate Dean: Research and Knowledge Transfer - Faculty of Technology, Design and Environment

Professor Ray Ogden is Associate Dean (Research and Knowledge Transfer) for the Faculty of Technology, Design and Environment. He is also: Professor of Architecture; holder of the Corus Chair of the Building Envelope and Steel Construction Institute Chair of Architectural Technology; Director of the Corus Colorcoat Centre for the Building Envelope (a leading centre of excellence and knowledge leadership in metal building envelope technologies); and Director of OISD:Technology. He has been involved in steel sector research and development activities since 1989 during which time he has carried out a broad range of national and international projects, and authored numerous publications in the areas of building physics, building envelope design and steel construction. Professor Ogden is involved in a wide range of fundamental research activities and ‘close to industry’ applied research and development.

Email: rgogden@brookes.ac.uk
Dr Bridget Durning is Manager: Research and Consultancy for OISD. She is also a Senior Research Fellow within the OISD: Impact Assessment, specialising in the fields of skills and knowledge development in the delivery of sustainable communities and environmental management tools and processes. Bridget joined the Department of Planning at Oxford Brookes in 2000 as Project Manager on a Government funded 4 year consortium project investigating the teaching/research-professional practice nexus. Prior to this she spent 8 years in private practice in environmental management and land development and 3 years in local government as a specialist adviser in sustainable development issues to three planning authorities. She has been Manager of Research and Consultancy activities in OISD since it was founded in 2004.

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