

**PROFESSIONAL DOCTORATE IN THE BUILT ENVIRONMENT**

**Candidates' Research Topics (February 2012)**

Critical Assessment of the Party Wall etc Act 1996.
Time, Cost & Value in Two-stage Tendering: An Analytical Study of the Cause & Effect Relationships in Changing Market.
The Design of School Buildings in New Build and Refurbishment Projects: An Evaluation of the Impact on the Student Learning Experience and Student Attainment of the Provision of New School Buildings.
The role of urban festivals and celebrations in facilitating social cohesion, economic development and urban regeneration.
The Application of Best Practice in Private Sector Corporate Real Estate Strategy to the Management of Public Sector Real Estate in the Republic of Ireland.
Construction procurement methods and the impact of chosen methods on cost, time and quality measurement criteria: a study of office buildings in the South East of England.
An Evaluation of the Policy Measures Required in order to Encourage the Replacement and Upgrade of Inefficient and Ineffective Domestic Sewage Treatment Facilities in Rural Areas.
Do participative methods of engagement in urban regeneration help or hinder the delivery of large scale strategic projects?
Management of small building companies
Towards a New Model for Residential Development: Reconciling the Dichotomy between Increased End User Satisfaction and Enhanced Viability for Developers.
The Irish Property Market and the Consequences of Recession: A Study of the Planning, Policy and Investment Implications.
Dispute Resolution in Construction Contracts and the Potential Role of Independent Certifiers and Project Accounts.
Health and Safety Management Systems in SME Construction Firms.
Operational Readiness in Large Scale Infrastructure Projects.

The Valuation Profession in the Republic of Ireland: Professional Competency, Regulation and Policy Issues in a Changing Economic Climate.
The Application of the English Building Regulations: Impact on Construction and the Environment.
Regulation of the Built Environment: Guaranteeing Sustainability, Efficiency and Simplification through a Modern Interdisciplinary Approach.
The role of creativity and innovation in the regeneration of historic buildings and sites.
Residential Care Home Design For The Elderly.
Surveying Methodology for the Diagnosis of Dampness in Domestic Property.
Corporate Asset Management Planning within the UK Higher Education Sector: Maximizing Effectiveness within Overall Institutional Approaches to Corporate Planning and Strategic Management.
Performance in Construction Projects: Impacts of Culture, Attitudes and Relationship Management.
Achieving an Environmentally Sustainable Built Environment: A multiple case study of the Economic, Political and Cultural Barriers and how they might be overcome.
Achieving Value for Money in Public Sector Building Projects in the Republic of Ireland – Developing and Testing an Assessment Model.
The implementation of alternative procurement strategies within the UK social housing sector as a mechanism to deliver ‘best value’ for identified stakeholders.
Developing sustainable energy solutions for communities: a multiple case study
Exploring What Makes Good Accessible and Sustainable Design with a Focus on Social Models of Disability and Universal Design.
Towards a Model of Sustainable Housing Development in Africa: A Case Study of Ghana and Nigeria.
Risk Analysis in Unbalanced Tender Pricing Strategies.
The retail property sector: a study into the economic and social impact of consumer internet spending on traditional high street shopping locations.
Sustainable Development, Energy Efficiency and the Construction of Residential Building
Sustainability in the built environment: consequences of building design, structure and material sourcing.

Property Performance and Portfolio Diversification: Opportunities for Real Estate Markets in Emerging Countries.
Public works procurement in the Republic of Ireland: An Evaluation of recent innovation and new forms of contract.
Investigating the Impact of Virtual Team Working on Motivation and Engagement towards developing appropriate Improvement Strategies
Legislative Control and Assessment Methodologies for Daylight in Buildings
The Management of Social Housing in the Netherlands: An Analysis of the Market, Governance, Financial and Political Factors Contributing to Current Failures.
Coordination and Delivery of Major Development and Regeneration Projects.
Technological innovation in small consulting firms in the Nigerian construction industry.
Towards a dynamic approach to real estate finance: developing a model for long-term economic growth
Life cycle costing methodologies: an international comparison.
The influence of procurement strategies on construction performance.
Investigating the alternatives to petroleum-based thermal insulation.
Cultural Considerations in the Evaluation of Construction Contract Claims in Respect of Time and Money.
An investigation into the effects of internal lighting systems on the circadian rhythms of building occupants.
Improving sub-contractor performance on construction projects.
Sustainable Urban Transport Solutions.