UCL Consultants is one of the UK’s leading providers of academic consultancy. Drawing on the best of UCL, we can connect you with critical specialist knowledge and first-class research facilities, or provide the access to leading researchers you need. With experience in working with clients large and small, our commercial and contractual experience allows UCL’s academic input to be successfully integrated into your project.

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At UCL our transport work focuses on bringing positive impact to people’s quality of life. This includes all aspects of transport: sustainability, safety, accessibility, promotion of health and wellbeing, equitability, and efficiency. We have a particular interest in policy, as governance has such a significant impact on the success of transport initiatives.

© 2015: Ed Manley - Analysis of Minicab Routing in London

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Transport themes:
- design: from rail to ship
- mapping, modelling, simulation
- resilience, sustainability, accessibility
- safety and security
- planning and engineering
- urban transportation
- human behaviour and factors

Specialist testing facilities:
PAMELA is a multisensory laboratory for the assessment of pedestrian movement, specialising in transport environments. This multidisciplinary centre allows full-scale models to be built and tested in a safe but realistic manner. The image left shows the testing of a tube train layout, with people simulating the boarding and alighting of the carriage.

Our accomplishments include:
- The UCL-developed ‘Link and Place’ street classification scheme has helped bodies such as the Department for Transport, Transport for London and the South Australian government to analyse and plan road investment.
- UCL researchers developed an integrated decision-making framework and model for EUROCONTROL, the European air traffic management organisation, to help evaluate and select technological enhancements to the European air traffic management system.
- UCL helped the Arizona Department of Transport include meteorological factors in their environmental noise modelling, leading to new guidelines and designs in freeway noise barrier design.

Services and capabilities offered:
- modelling and simulation
- policy and strategy review
- briefings on the current state of the field
- R&D design support
- bespoke training
- testing and analysis

UCL brings together:
- unique testing facilities
- world-class expertise
- cross-disciplinary transport knowledge

© 2015: PAMELA tube carriage layout test