

## Civil Engineering research

Welcome to the research pages at the School of Civil Engineering, where you will find an energetic group of academics, post-docs and doctoral researchers contributing to the future of civil engineering.



Our research tackles the problems faced by society today and develops the knowledge and tools to build the communities of the future. Many of our projects have already had a significant impact on society; the impact of others will be felt by generations to come.

Our research is clustered into two themes – **[Transport \(/research/activity/civil-engineering/transport/index.aspx\)](/research/activity/civil-engineering/transport/index.aspx)** and **[Resilience and Sustainability \(/research/activity/civil-engineering/index.aspx\)](/research/activity/civil-engineering/index.aspx)**. It benefits from being funded by industry, charities and research councils, which encourages innovative thinking and creates internationally-recognised research. We pride ourselves in offering a stimulating research environment and are always keen to discuss research opportunities with individuals from a wide variety of backgrounds.

These pages give a brief overview of the types of research that we regularly undertake. If you wish to find out more contact our Director of Research, Dr Mark Sterling ([m.sterling@bham.ac.uk](mailto:m.sterling@bham.ac.uk) (<mailto:m.sterling@bham.ac.uk>)).

### **[Civil Engineering research \(/research/activity/civil-engineering/index.aspx\)](/research/activity/civil-engineering/index.aspx)**

Civil Engineering research at Birmingham: We tackle the problems faced by society today: we aim to develop the knowledge and tools to build the communities of the future. Many of our projects have already had a significant impact on society; the impact of others will be felt by generations to come.

### **[Birmingham Centre for Railway Research and Education \(/research/activity/railway/index.aspx\)](/research/activity/railway/index.aspx)**

The Birmingham Centre for Railway Research and Education brings together a multidisciplinary team from across the University to tackle fundamental railway engineering problems. The team actively engage with industry, other universities through Rail Research UK-A, and international partners. The centre also delivers the MSc postgraduate programme in Railway Systems Engineering and Integration.