



| <b>RISE Awards</b> |   |   |   |
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| <b>Poster no.</b>  | <b>Poster title</b>   | <b>Main author's name</b>                           | <b>RISE category</b>  |
| 116                | Biocementation studies on cement-mortar by using soil as a nutrient source for the bacteria   | Snigdha Bhutange (VNIT)                             | Field and Laboratory Research   |
| 114                | Welsh offsite manufactured timber typologies: Thermal bridge analysis for high-performance constructions  | Zaccaro Francesco (Cardiff Metropolitan University) | Chairs' Award for Field and Laboratory Research (Off site)                            |
| 112                | Achilles Interactive Management Server  | Cassie Walker (C-Probe)                             | Design, Innovation and Creativity   |
| 129                | Viable energy: Bringing Compofloor to the UK  | Anthony Helps (Compofloor)                          | New Technologies and Building Materials   |
| 106                | FC500 Welfare Unit for Greener Sites  | Michaela Skodova (nmcn)                             | Sustainable Developments  |
| 123                | The Co-habitat  | Lois Whitnell (University of Suffolk)               | Chairs Award for Enhancing the Natural Urban Environment - Education and Cohabitation |
| 127                | WGB Expo Building - Closing the gap between academic and industry-led research and development  | Vasilena Vassilev (P+ Studio)                       | Chairs award for Sustainable Development and Innovation                               |
| 111                | The development, standardisation & optimisation of low to zero embodied carbon structural Timber systems, to future proof modern methods of construction for UK housing | Verity Moorhouse (Sevenoaks Modular Ltd)            | Sustainable Development Chairs' Award for Optimisation of MMC                         |
| 110                | Low carbon, geopolymers bed joint anode for sustainable enhanced service life of transitional steel frame buildings   | Cassie Walker (C-Probe)                             | Heritage Award for Restoration/Retrofit   |
| 103                | Making paying for EV charging radically simple  | Victoria Trudgill (Mina Digital Limited)            | Behavioural Change  |
| 119                | Energy-related occupant behaviour   | Vivian Tam (Western Sydney University)              | Chairs' Award for Detailed Study on Occupant Behaviour                                |



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| 122 | Sustainability through community fulfilment   | Amir Hussain (Yeme Tech)                      | Chairs' Award for Sustainability within the Community   |
| 109 | Reducing Emissions, Delays and Costs Through Better Utilisation of Plant Equipment  | Kay Rogage (Northumbria University)           | Collaborative Working   |
| 126 | Botanical Air Filter- Aerospace technology transfer   | Vasilena Vassilev (P+ Studio)                 | Chairs' Award Collaborative Working through Technology Transfer   |
| 133 | Improving the Learning Outcomes for Chinese ESL Students Taking Introduction to Residential Design Through Southern Utah University | Richard Cozzens (Southern Utah University)    | Education and Training  |
| 113 | Mixed approach to delivering sustainability in an SME   | Nafa Duwebi (PL Projects)                     | Prof. John Sturges Commemorative Award Education and Sustainability – Chairs' Award for Exceptional Commitment to Sustainable Education |
| 130 | Education for Sustainable Development   | Justine Oakes (Univerisy of Suffolk)          | Chairs' Award for Education for Sustainability  |
| 107 | A unique approach measuring and supporting mental health through a pandemic   | Ruth Hartley (nmcn)                           | Health, Safety and Wellbeing  |
| 120 | Bat slats   | William King (University of Suffolk)          | Asset Management - Provision for the natural environment  |
| 134 | Amphi-bio-tecture': a sustainable and energy-efficient solution for flood mitigation  | Hope Ameh (University of the West of England) | Engineering Flood Mitigation  |
| 131 | Smart Meter Enabled Thermal Efficiency Ratings  | Lee Reeve (Halton House)                      | Digital Innovation: Outstanding Contribution to the Future  |
| 102 | The interplay between rules, trust and power in strategic partnerships in the construction industry                                 | Jelle Koolwijk (TU Delft University)          | Contracting and Construction Management   |
| 105 | Developing a Toolkit for the Design of Active Buildings   | Joanna Clarke (Swansea University)            | Architecture and Architectural Technology   |



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| 132                          | Optimization of cold formed steel systems for large scale manufacturing of modular houses                                  | Ornella Iuorio (University of Leeds)     | Off-site Manufacture                         |
| <b>RISE Highly Commended</b> |  |  |  |
| 128                          | Enhancing building energy and environmental assessment certification   | Emeka Osaji (LBU)                        | Field and Laboratory Research                |
| 115                          | Life-cycle-cost optimization model for green office buildings in Australia: Need for the product and its uniqueness'       | Vivian Tam (Western Sydney University)   | Field and Laboratory Research                |
| 124                          | Creating communities in optimised high-rise development  | Vasilena Vassilev (P+ Studio)            | Design, Innovation and Creativity            |
| 108                          |  | John Olie (Peutz Ltd)                    | Design, Innovation and Creativity            |
| 125                          | Just Landed - Affordable modular prototype of climate change mitigation design   | Vasilena Vassilev (P+ Studio)            | Sustainable Developments                     |
| 118                          | COOL-PHASE HYBRID - Hybrid Cooling Systems   | Alejandra Alzate (Monodraught Ltd.)      | Heritage Award for Restoration/Retrofit      |
| 121                          | Project Based Approach to Delivering Sustainability  | Nafa Duwebi (PL Projects)                | Enterprise                                   |
| 135                          | Learning Remotely Practical Solar STEM<br>"Tell me, I'll forget, Show me, I'll remember.<br>Let me do it, I'll understand" | David Garlovsky                          | Collaborative Working                        |
| 104                          | Green Building Calculator  | Brian Murphy (Green Building Calculator) | Education and Training                       |
| 101                          | Greywater Reclamation System   | Kevin Jones                              | Sustainable Developments: Water Conservation |