

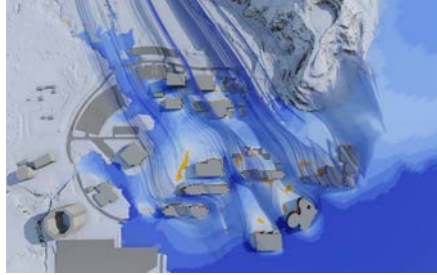
RELATED ABC PROJECTS

The following projects have been undertaken in conjunction with Advanced Buildings & Cities.



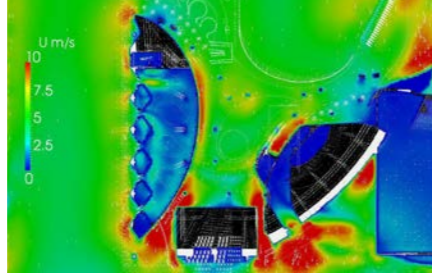
JCU Technology Innovation Complex (JCU TIC)

James Cook University
Townsville, Australia



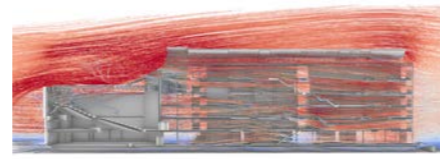
JCU Cairns Masterplan

James Cook University, Cairns, Australia
Campus wide scale analysis and design



The Arc, NTU

Nanyang Technological University
Singapore



DLS Laguna Academic Building

De La Salle University, Laguna Campus
Manilla, Philippines



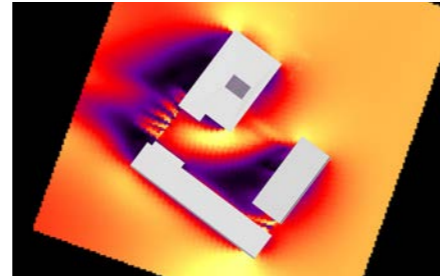
Cyberjaya South Master Plan

Kuala Lumpur, Malaysia



Cheras Columbaria

Kuala Lumpur, Malaysia



Reef Residence

Townsville, Australia



Brisbane Studio

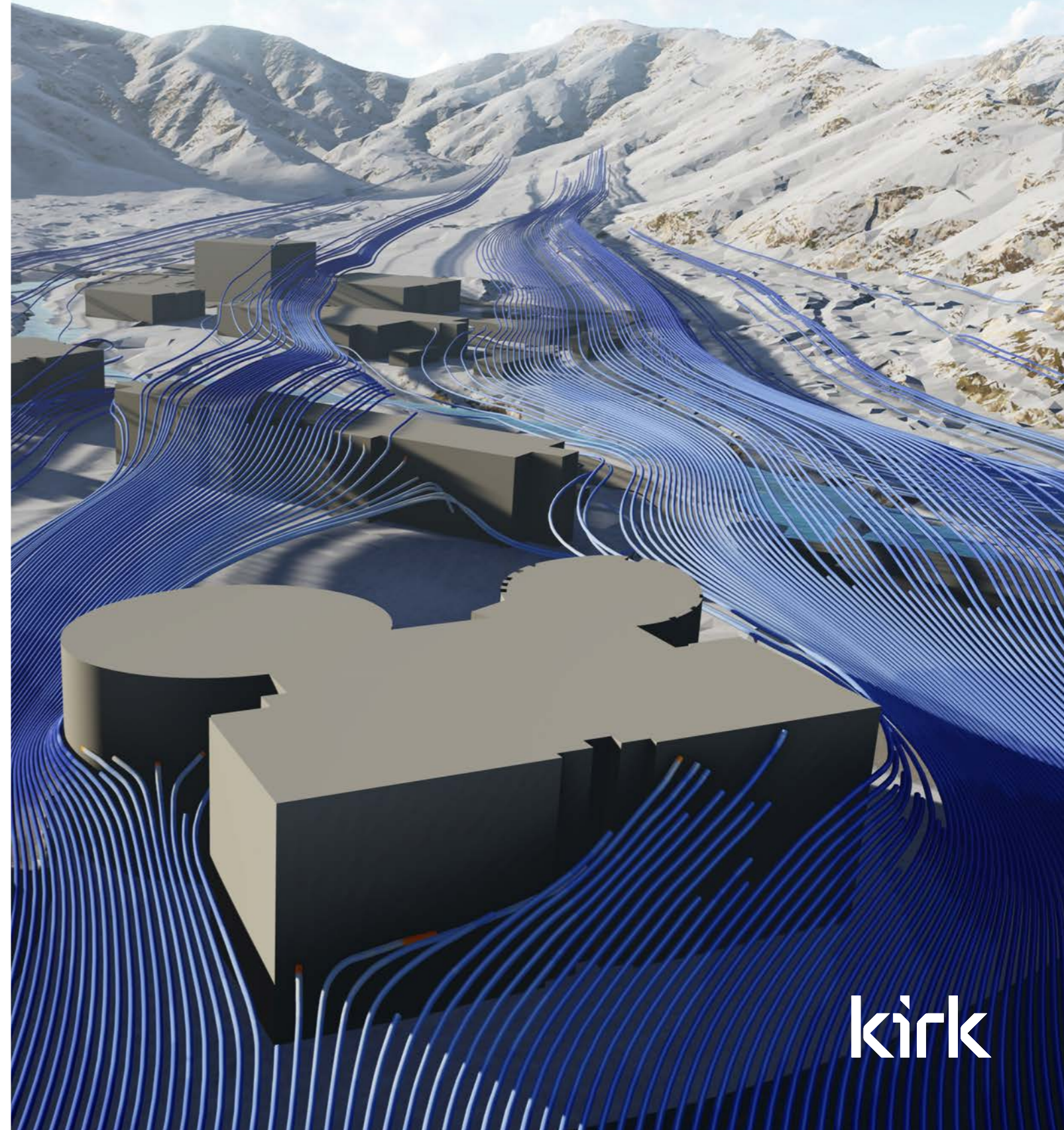
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Kuala Lumpur Studio

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+60 3 2161 1887

ADVANCED BUILDINGS & CITIES

Unparalleled research specialising in the performance based design of buildings, precincts & cities.



ADVANCED BUILDINGS & CITIES

Transformative design for a sustainable future

OUR FOCUS

Micro-climate design optimisation of urban space - achieved through measurable performance criteria & principles.

OUR EXPERTISE

ABC provide real, measurable, and quantifiable outcomes, and identifies opportunities otherwise impossible with traditional design processes.

We are a global team with international expertise and outlook.

Advanced Buildings & Cities is unique and exclusive to KIRK

A NEW PARADIGM

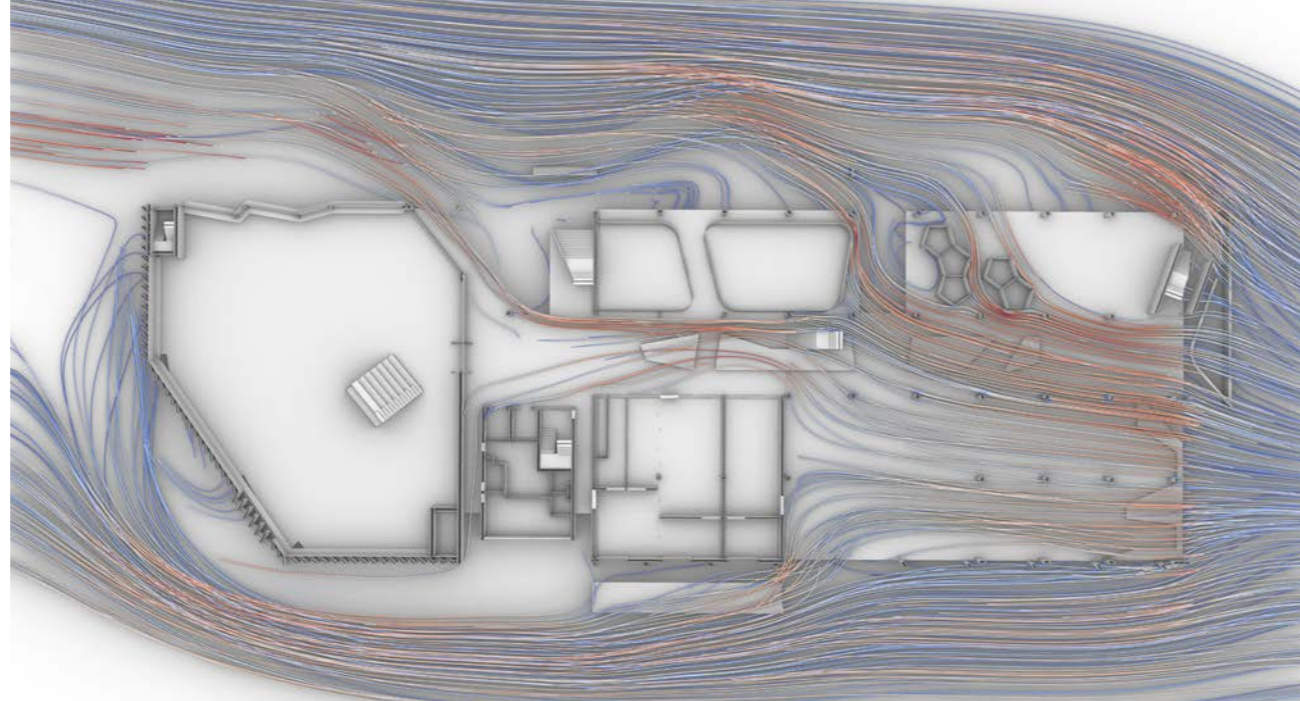
The ABC process utilises advanced computational tools to verify and optimise design at any project stage. Our holistic, quantitative analysis surpasses the limitations of conventional methods.

We now have the capacity to measure and quantify the performance of outdoor spaces – a significant change.

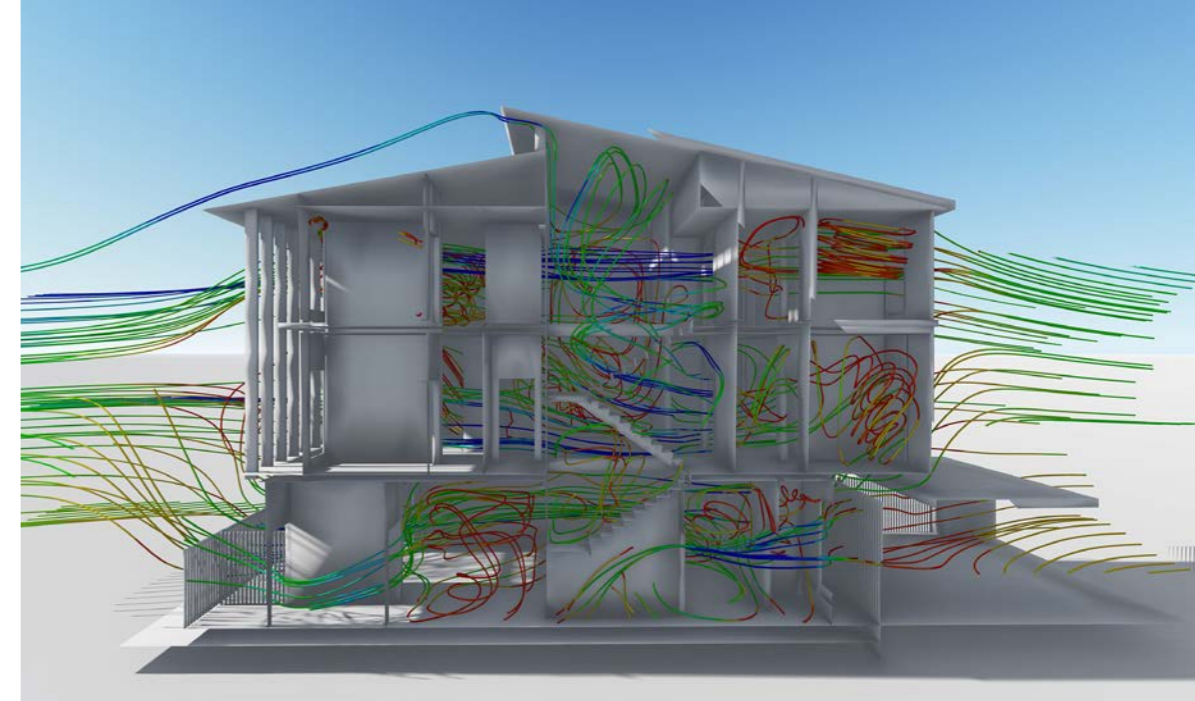
POTENTIAL FOR CHANGE

Our built environment is undergoing rapid transformation in the advent of global urbanisation and climate change.

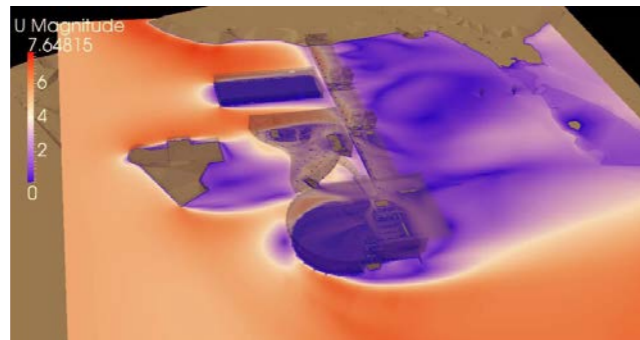
ABC represents a real potential for change for our cities and precincts.



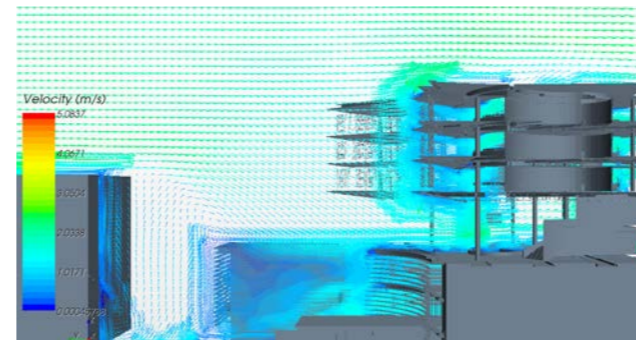
CFD Analysis, De La Salle Academic Building Foyer, Manila Phillipines.



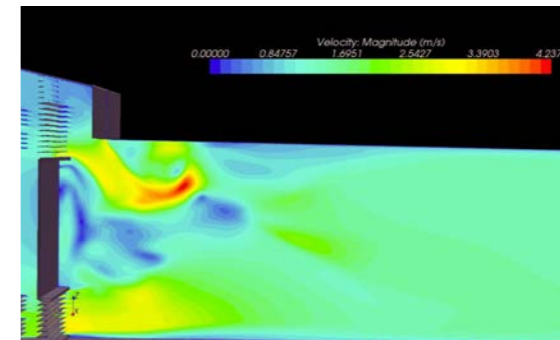
Cyberjaya South Apartments CFD Analysis, Cyberjaya South, Malaysia



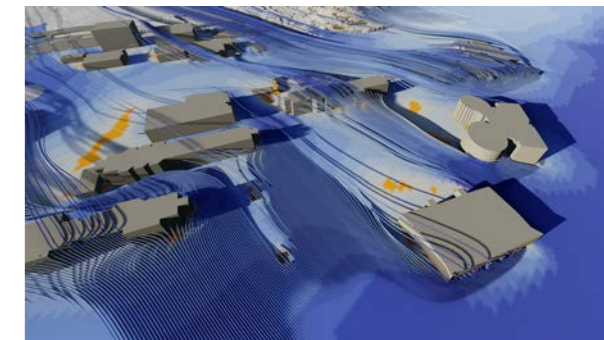
CFD Analysis, NTU 'The Arc', Singapore



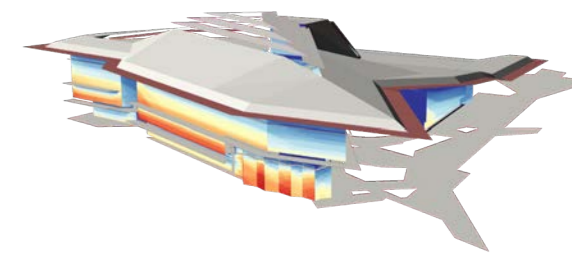
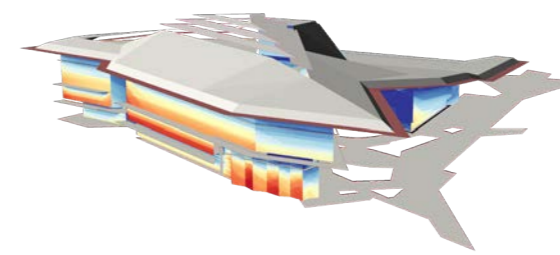
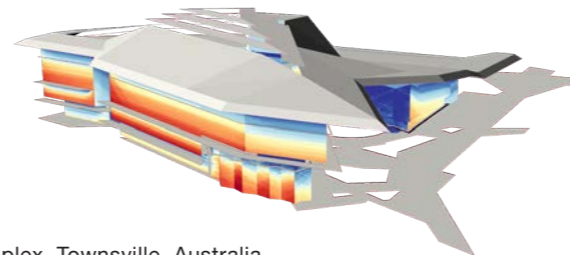
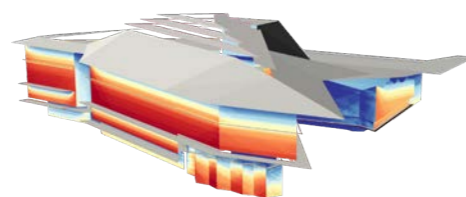
Ventilation Analysis, NTU 'The Arc', Singapore



Ventilation Analysis, NTU 'The ARC', Singapore



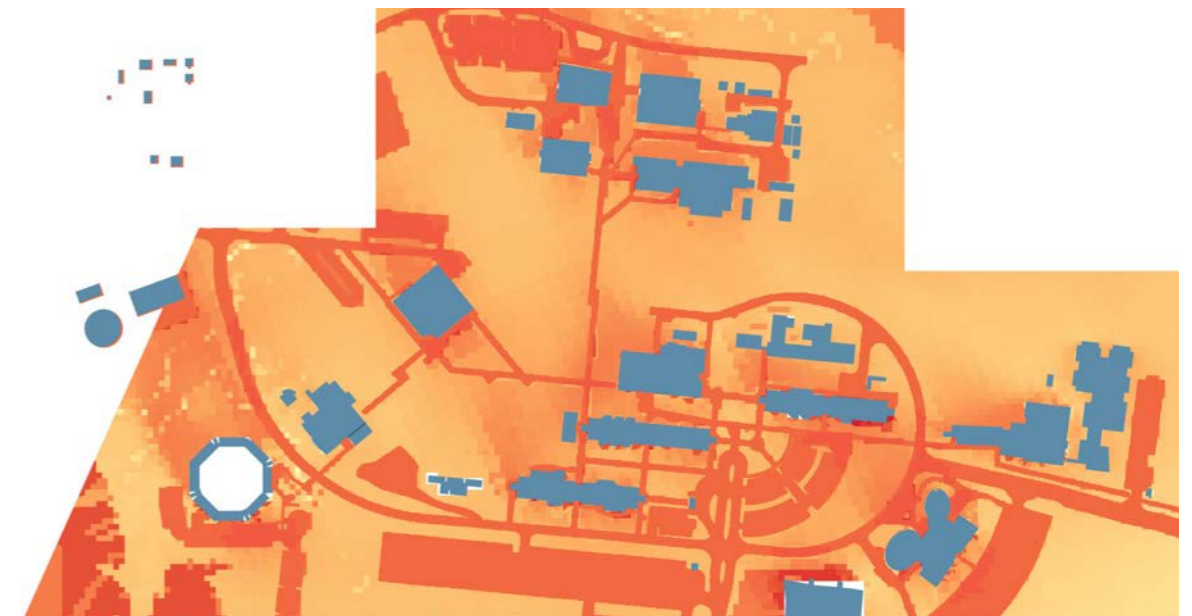
CFD Analysis, JCU Cairns MP, Cairns, Australia



Parametric Roof Optimisation, JCU Technology Innovation Complex, Townsville, Australia



Existing Climate Analysis, JCU Cairns Masterplan



2050 Climate Analysis, JCU Cairns Masterplan