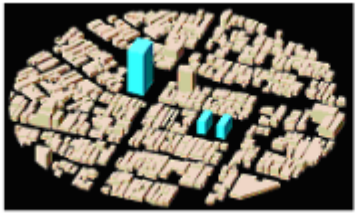
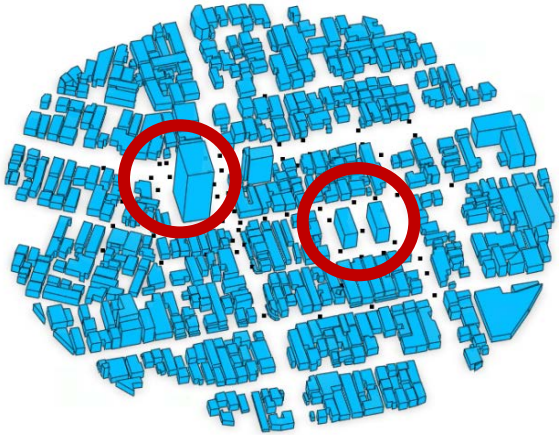
MIDAS CFD 分析

地表人行風速

內政部建築研究所
風洞實驗室

AIJ CASE-E

E	Building complexes with simple building shape in actual urban area (Niigata)		Data file : CaseE(Niigata).xls CAD File(DXF) :CaseE_dxf.zip CAD File(MCD) : CaseE_mcd.zip	-



Reference

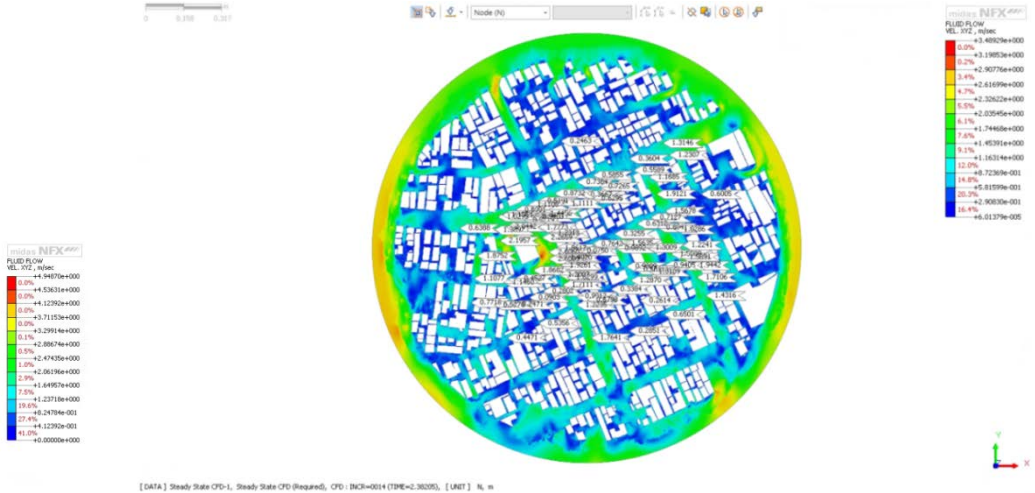
(1)AIJ-GWE, 2007

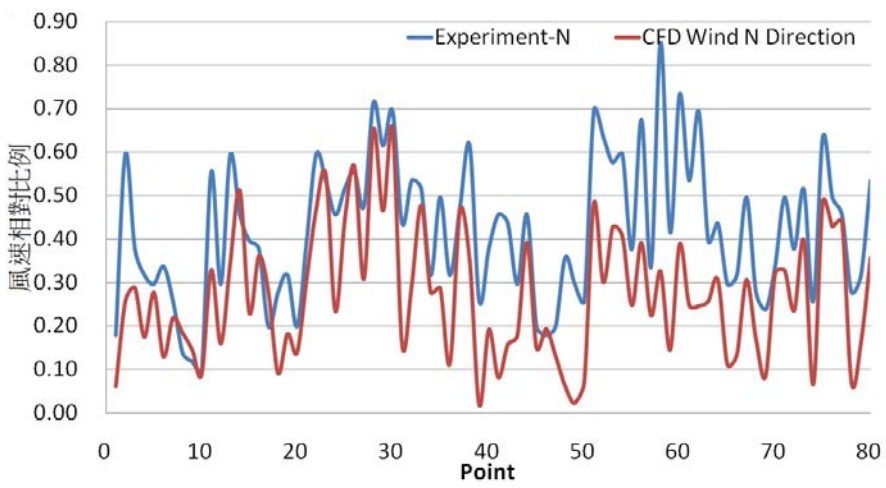
(2) https://www.aij.or.jp/jpn/publish/cfdguide/index_e.htm

(3)都市地區行人風環境之 CFD 模擬與風洞實驗比對研究, JOURNAL OF ARCHITECTURE, No. 103, pp.17~34, Mar. 2018, Spring

N Direction

Standard Deviation : 8.46%
Correlation Coefficient:72.58%





E Direction

Standard Deviation : 10.14%
Correlation Coefficient:75.07%