Vertical Infrastructure Monthly Group Meeting

27th November 2019

1. Introduction and overview of RNC2 (Presentation)
2. Project summaries (with presenter name in brackets):
    a. Marae engineering resilience interventions and decision making (Tmanako)
    b. Tsunami loadings on New Zealand structures (Toma)
    c. Benchmarking the risk of code-compliant buildings (Sullivan)
    d. Post-Earthquake Decision Criteria for Steel Buildings (MacRae)
    e. Rehabilitation of damaged RC structures (Pujol)
    f. Development of guidelines to account for soil-structure interaction (Millen/Cubrinovski)
    g. Reducing economic losses in NZS3604 light timber famed houses (Li)
    h. Reconsidering Design Criteria for the Serviceability Limit State (Sullivan) (Presentation)
    i. Wellington building stock seismic modelling with identification of effective retrofit strategies (Elwood/Stephens)
3. Reporting and contracting
4. Closing discussion and date for next meeting

30th January 2020

1. Welcome and brief introductions of new group members
2. Distribution of presentation and project description files – possible wiki page.
3. Reminder to seek co-funding/scholarships as part of a team approach.
4. Brief updates on progress from each of the research strands:
    a. Marae engineering resilience interventions and decision making (Fa'aui)
    b. Tsunami loadings on New Zealand structures (Toma)
    c. Benchmarking the risk of code-compliant buildings (Sullivan)
    d. Post-Earthquake Decision Criteria for Steel Buildings (MacRae)
    e. Rehabilitation of damaged RC structures (Pujol)
    f. Development of guidelines to account for soil-structure interaction (Millen/Cubrinovski)
    g. Reducing economic losses in NZS3604 light timber famed houses (Li)
    h. Reconsidering Design Criteria for the Serviceability Limit State (Sullivan)
    i. Wellington building stock seismic modelling with identification of effective retrofit strategies (Elwood/Stephens)
    j. Re-examination of the structural performance factor (Chandramohan)
5. Deliverables plan
6. Running Python in OPENSEES (Millen)

19th March 2020

1. Welcome and overall update – including request for progress report (Tim Sullivan)
2. Evaluation, Retrofit and Repair of Elements Vulnerable to Shear Failure (Santiago Pujol)
3. Building Stock Model – Current and Future States of Assessment (Amin/Max Stephens)
4. Ground motion simulation and validation of subduction zone earthquakes in New Zealand (Brendon Bradley)
5. Additional discussion
6. Closing remarks.