

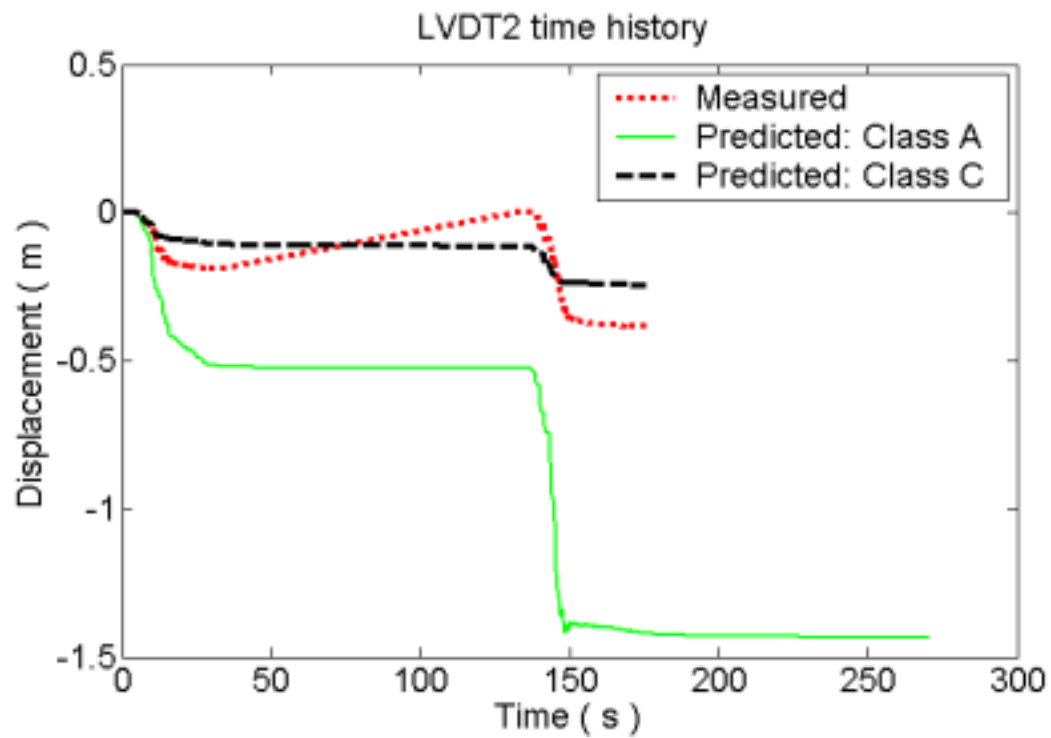
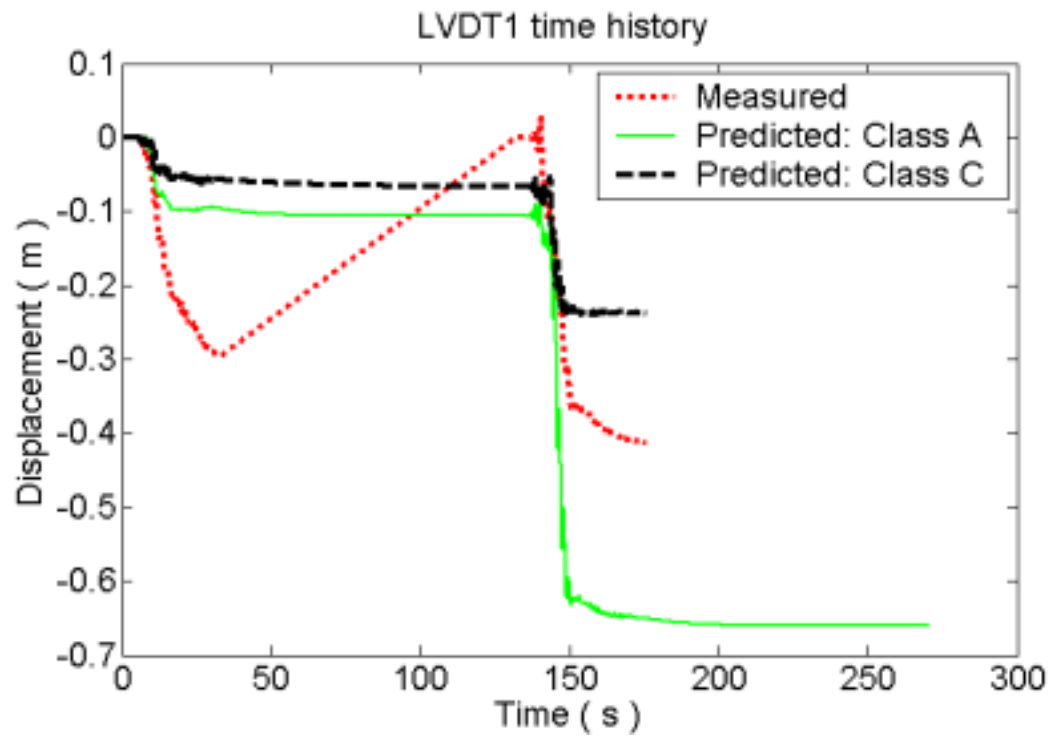
Earthquake Induced Damage Mitigation from Soil Liquefaction

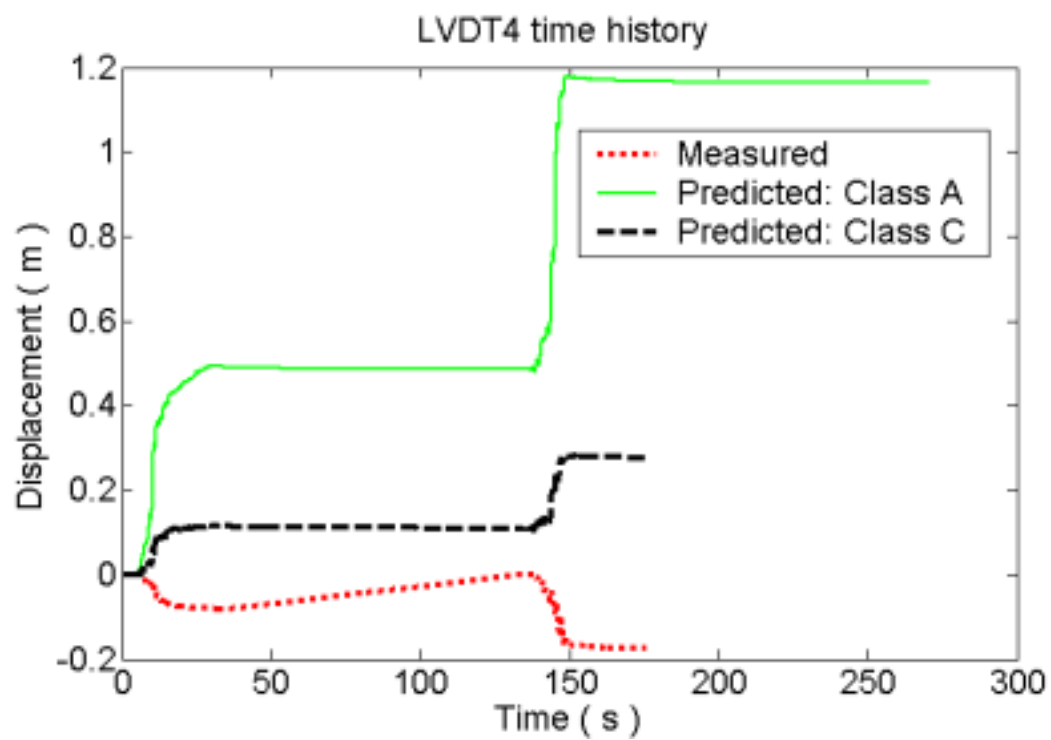
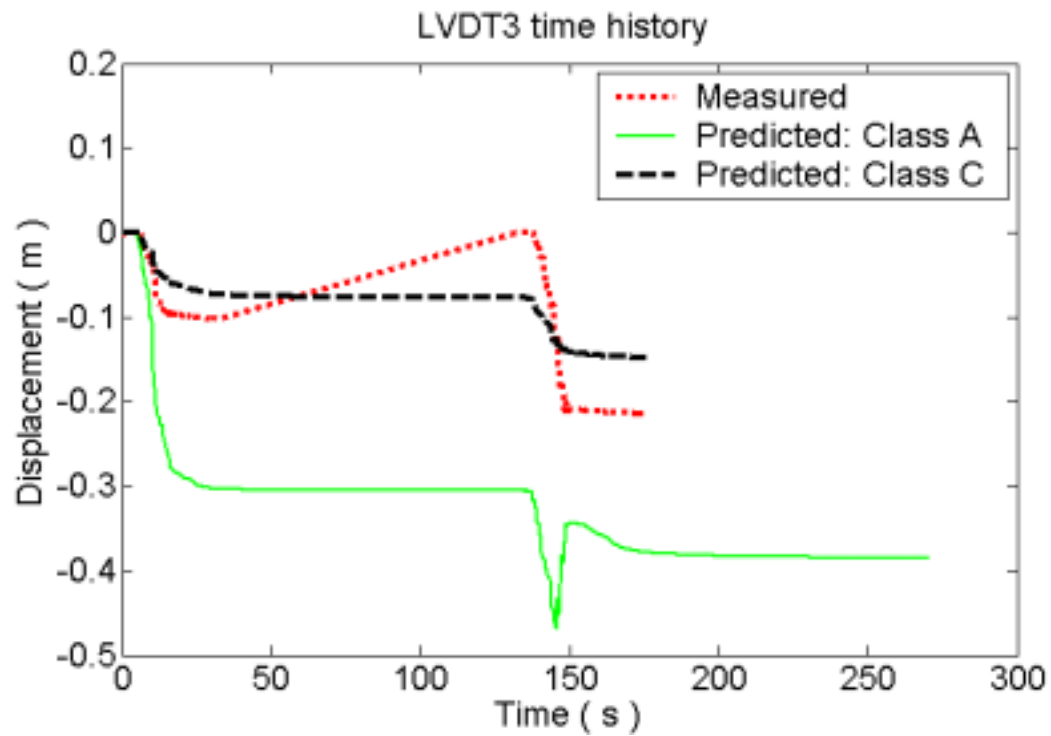
**Comparisons of the predicted and recorded responses
at locations of different transducers in test CT1**

**By:
Ahmad Jafari**

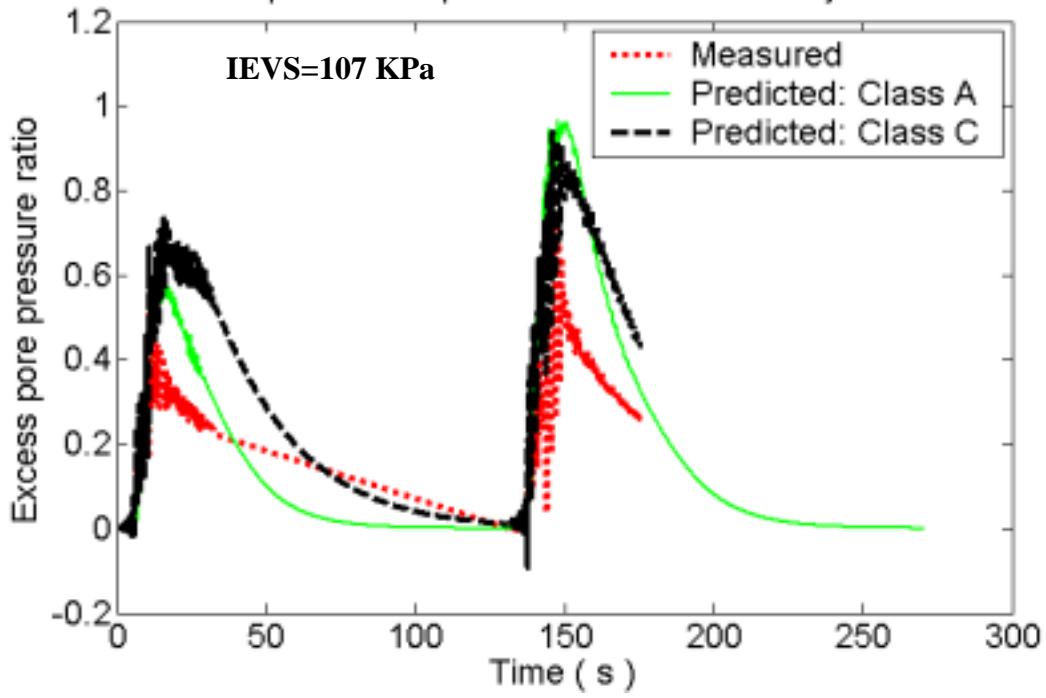
**Supervisor: Dr. Radu Popescu
Memorial University of Newfoundland**

October 2005

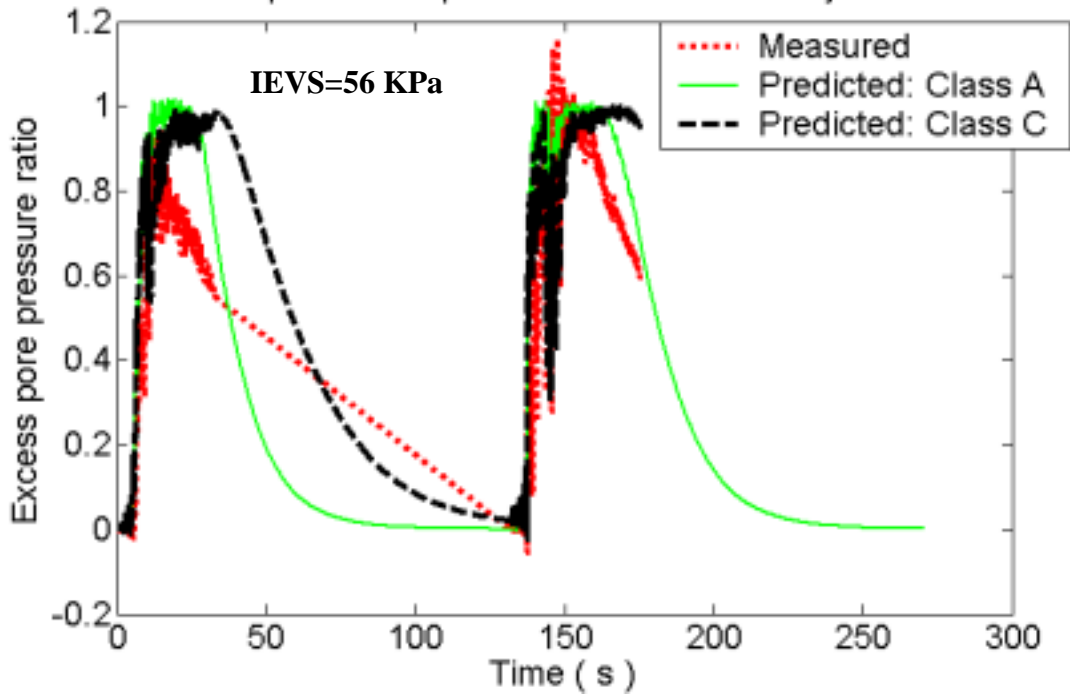




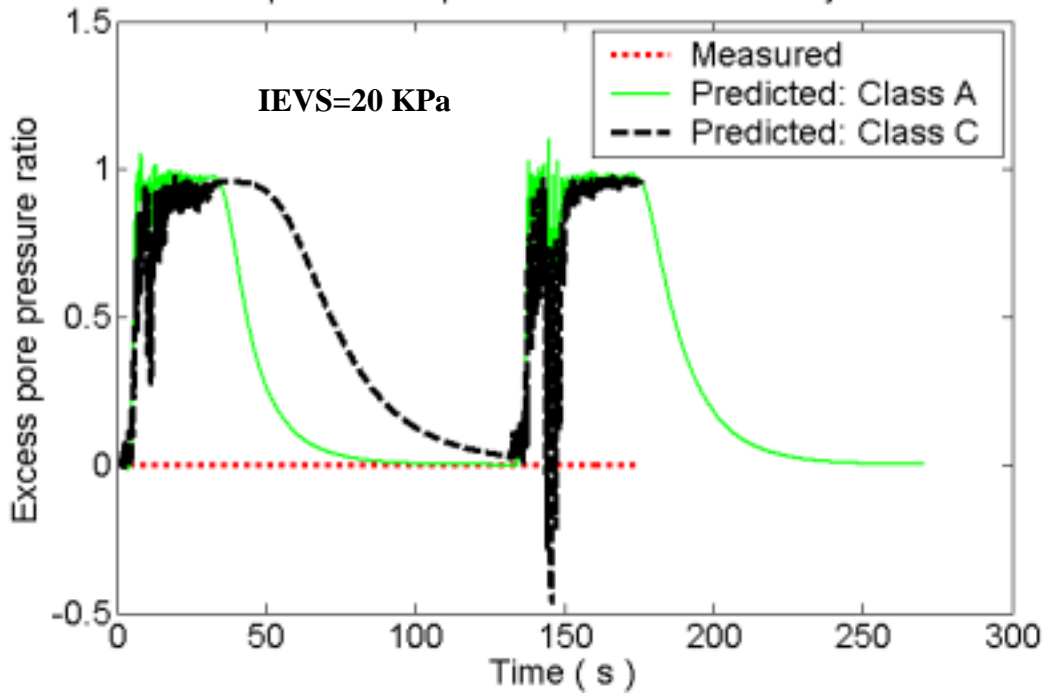
Excess pore water pressure ratio time history at EPP1



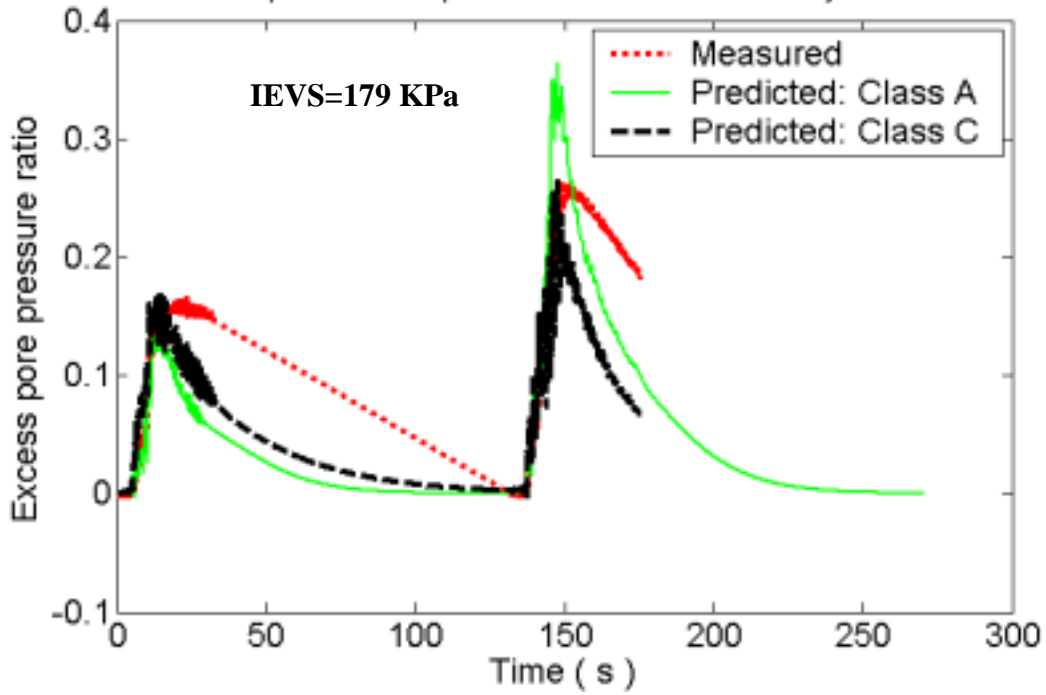
Excess pore water pressure ratio time history at EPP2

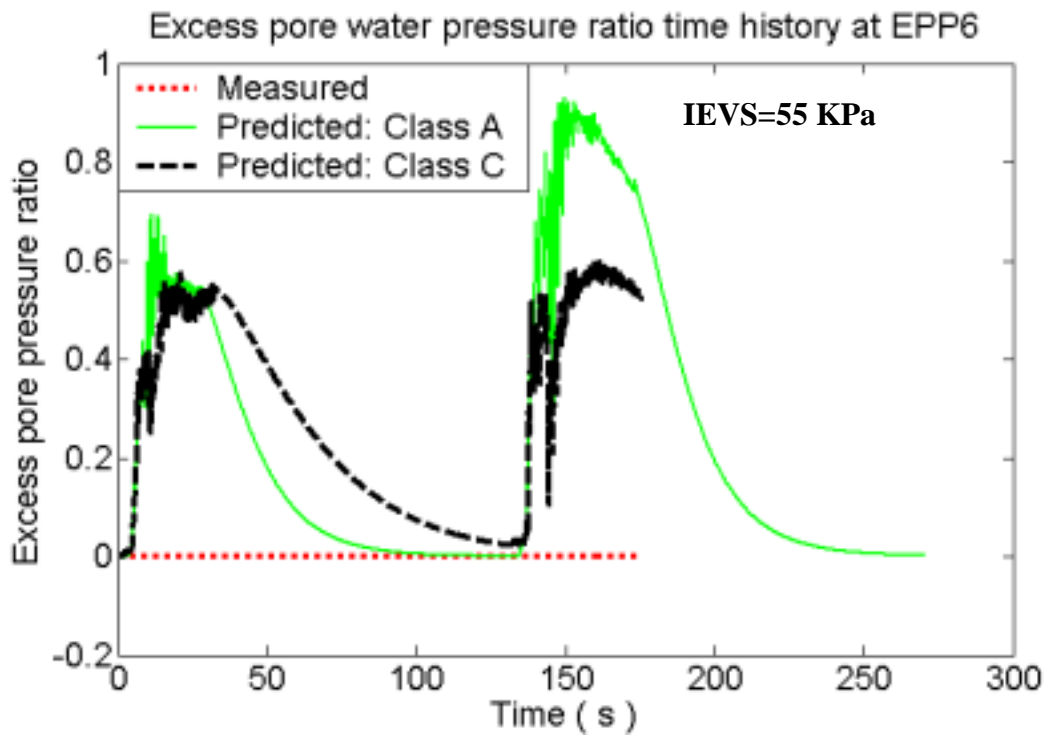
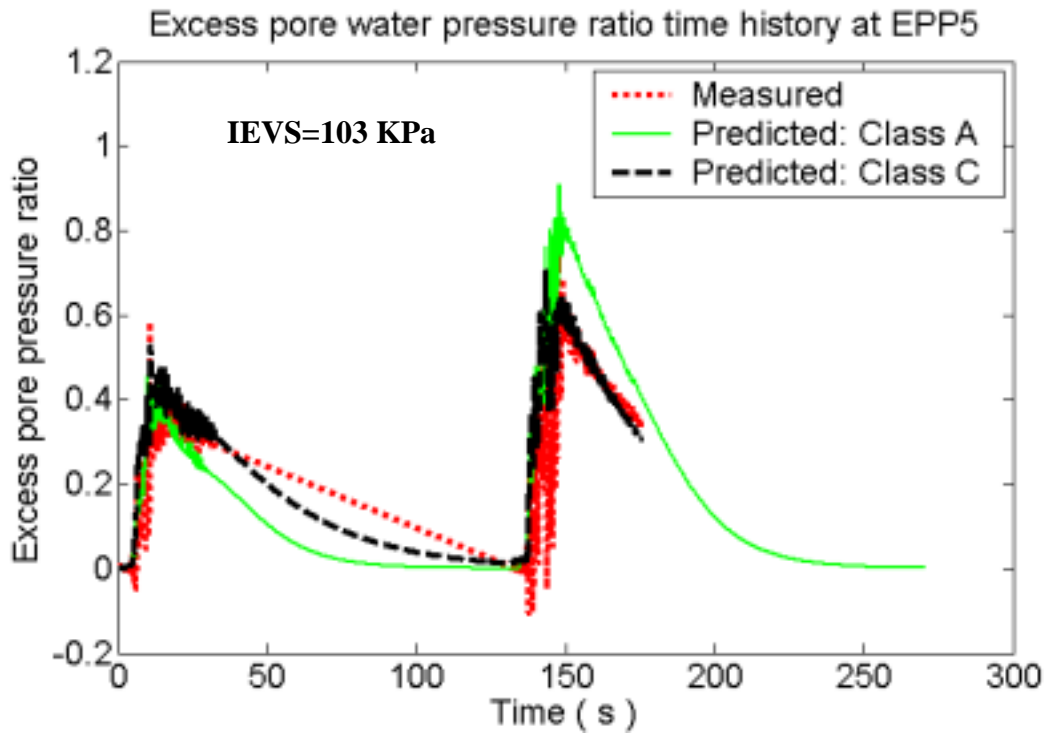


Excess pore water pressure ratio time history at EPP3

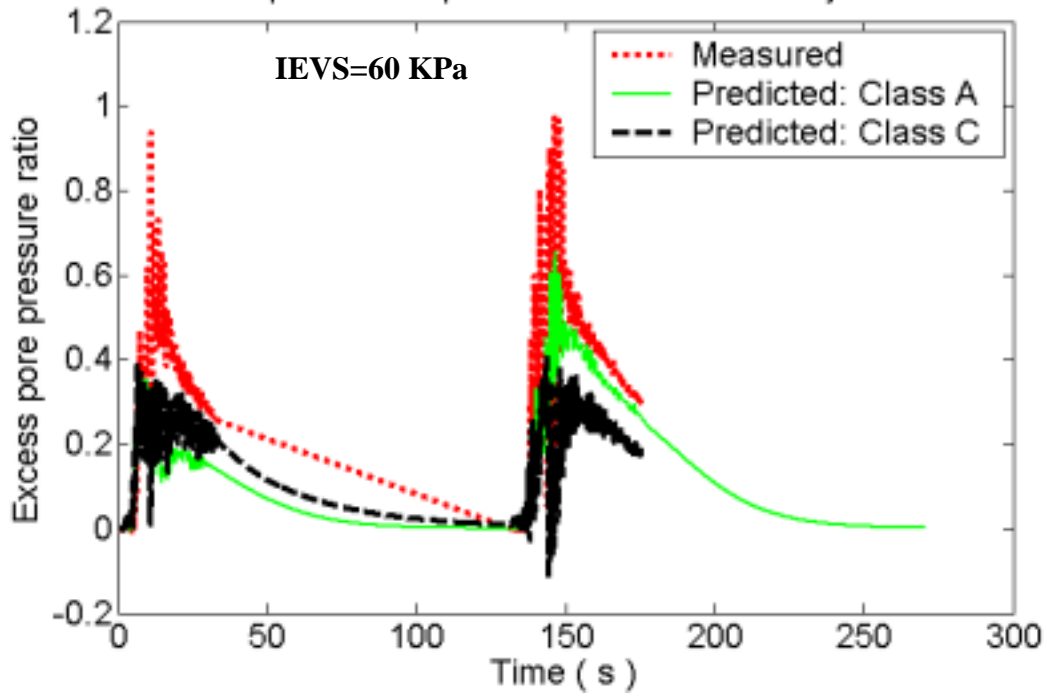


Excess pore water pressure ratio time history at EPP4

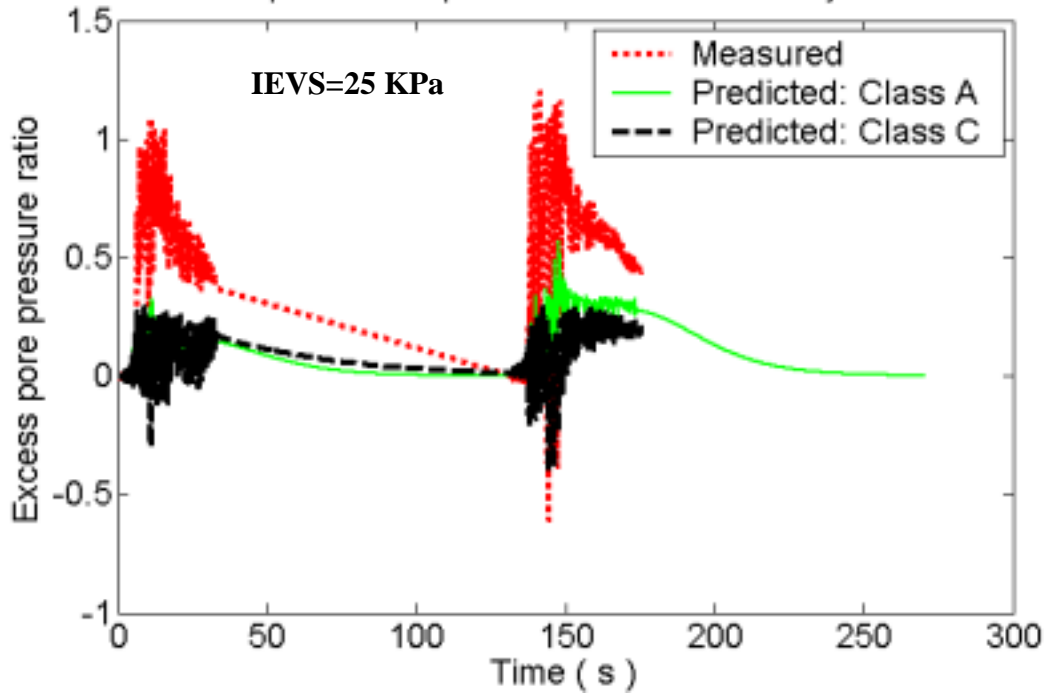




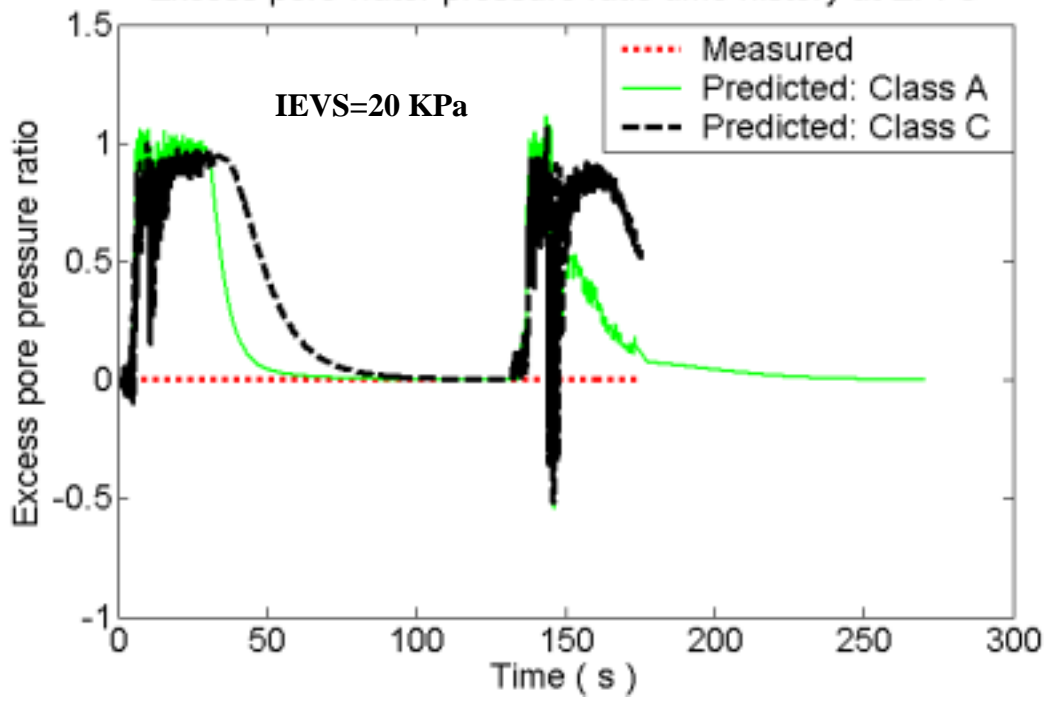
Excess pore water pressure ratio time history at EPP7



Excess pore water pressure ratio time history at EPP8

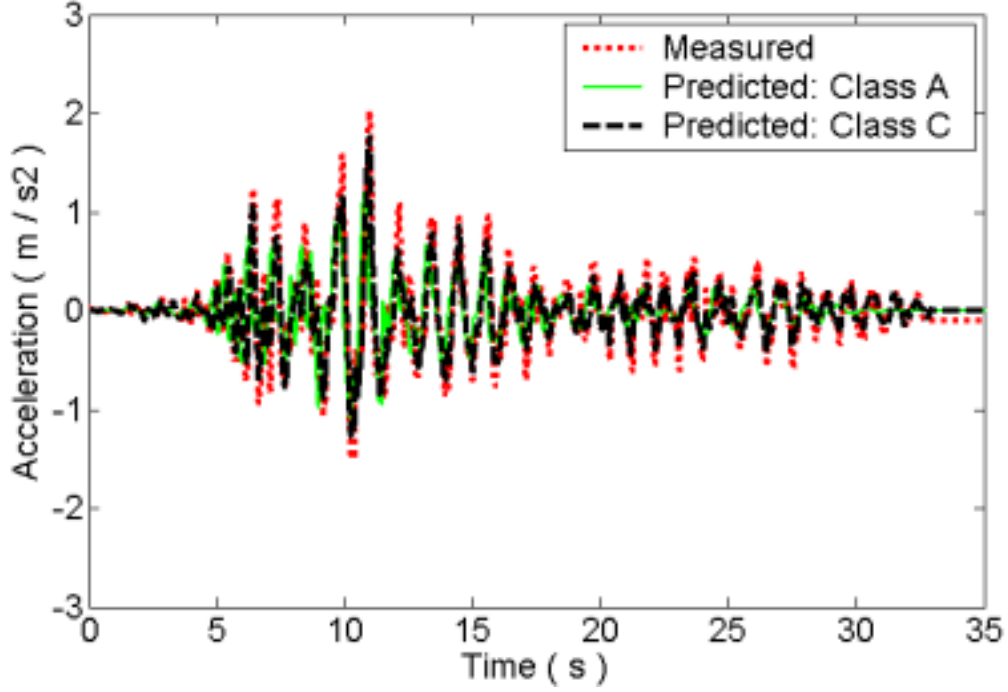


Excess pore water pressure ratio time history at EPP9

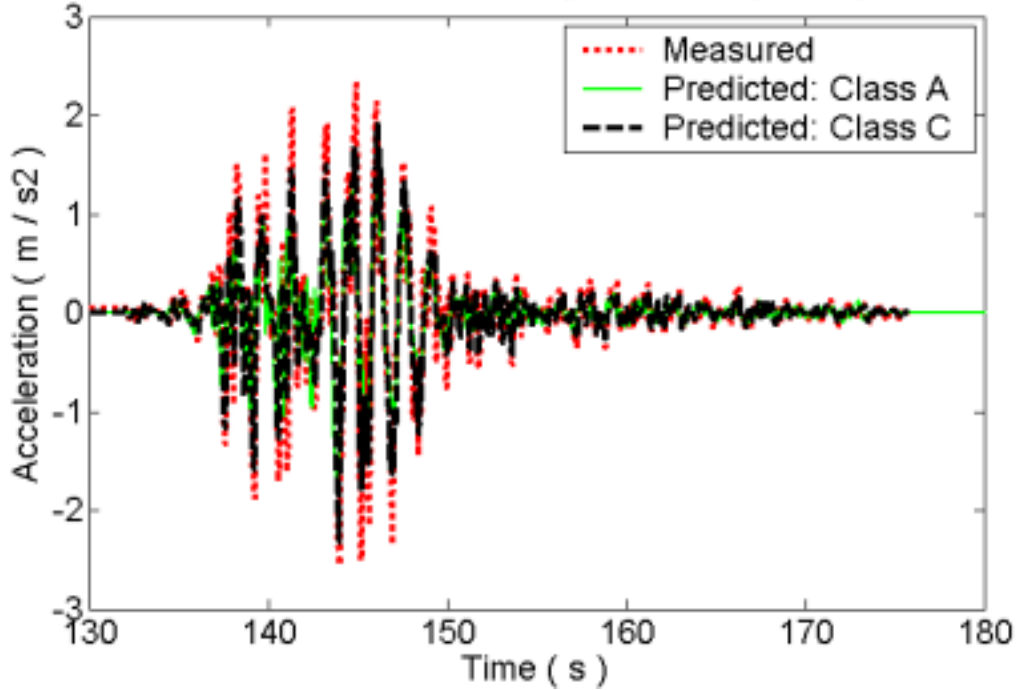


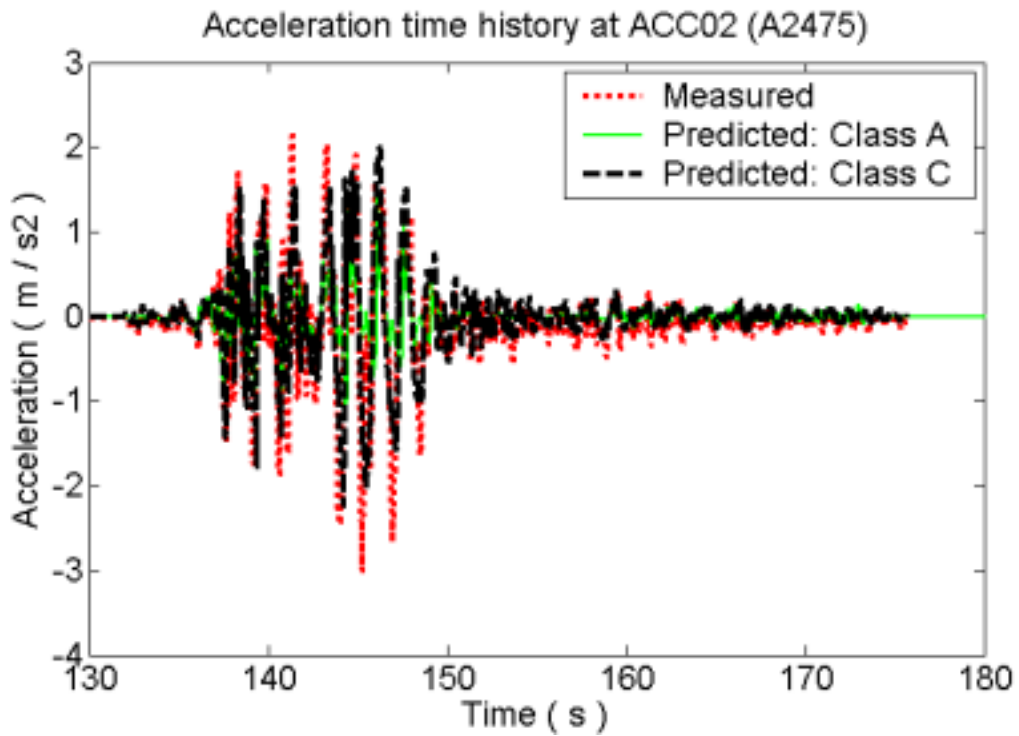
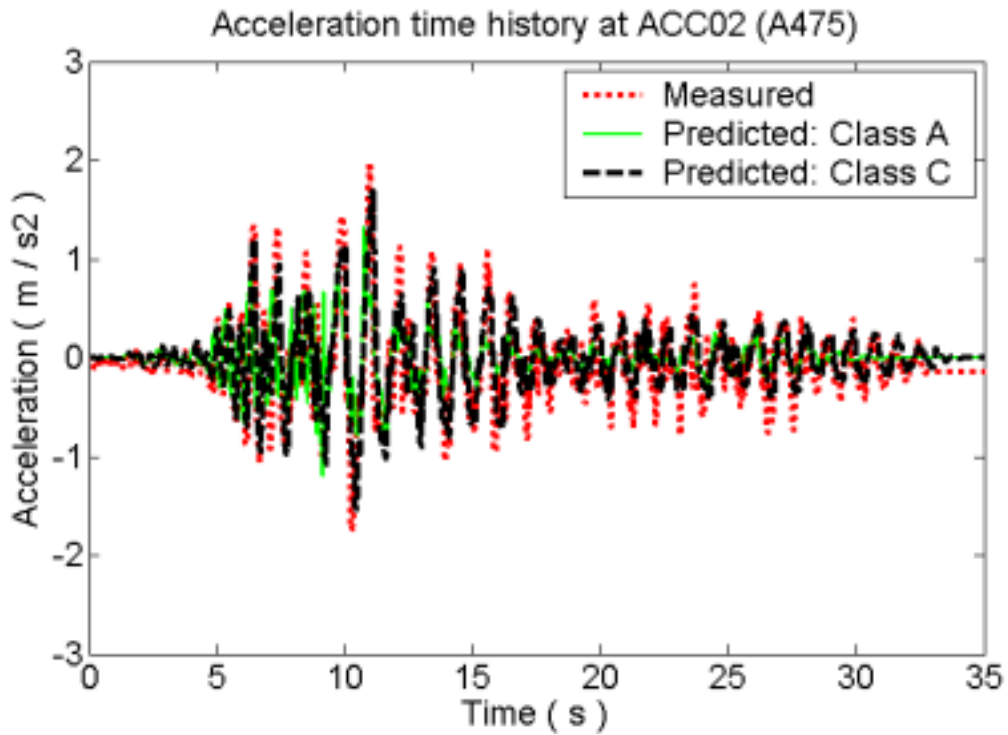
IEVS=20 KPa

Acceleration time history at ACC01 (A475)

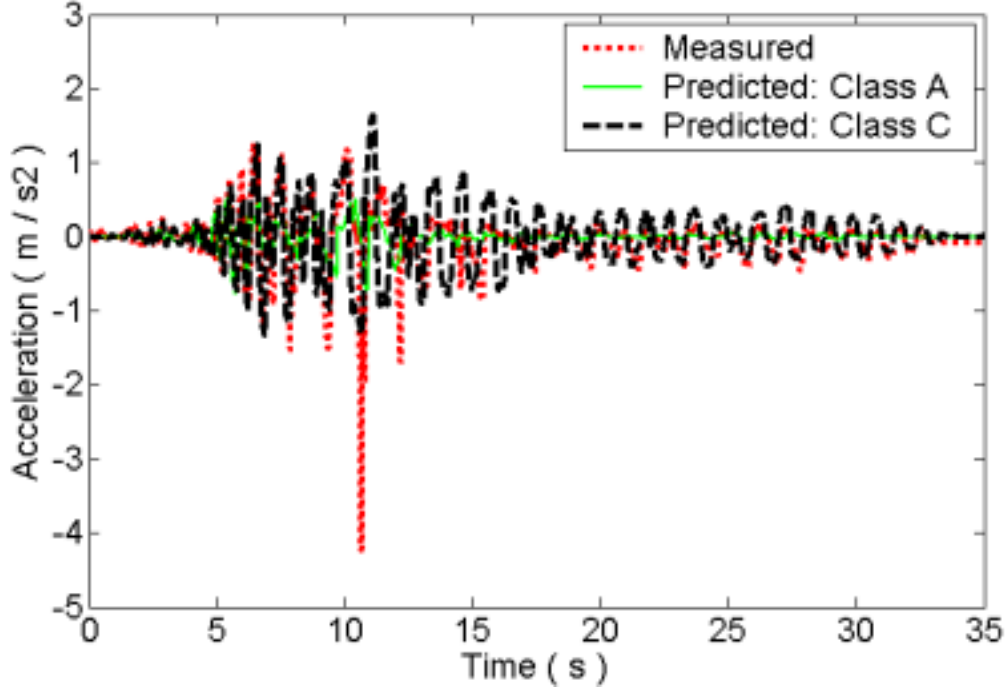


Acceleration time history at ACC01 (A2475)

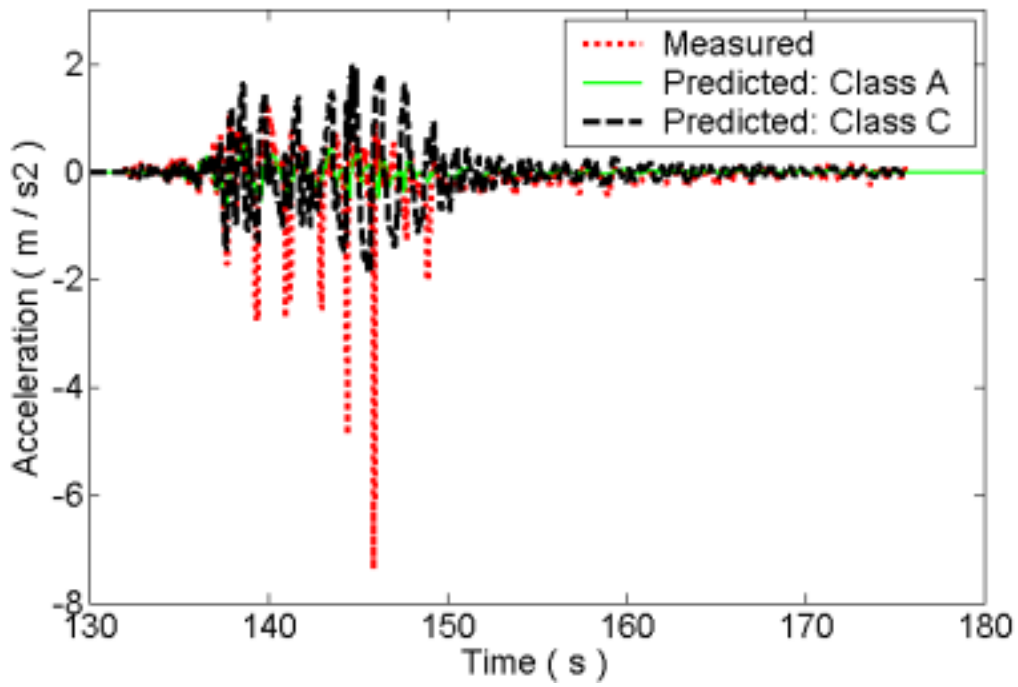




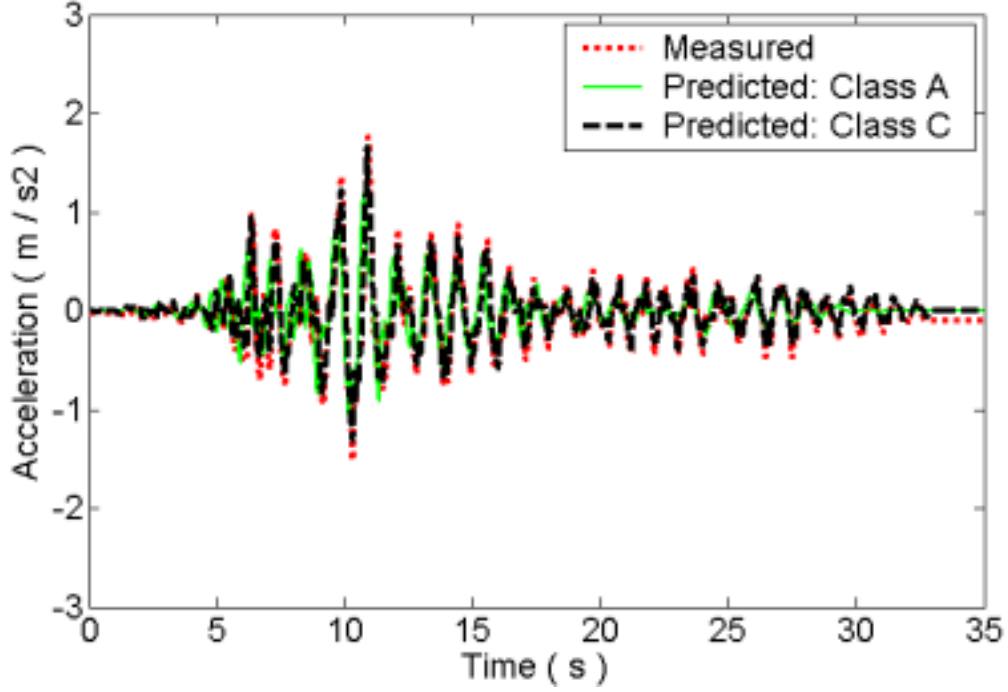
Acceleration time history at ACC03 (A475)



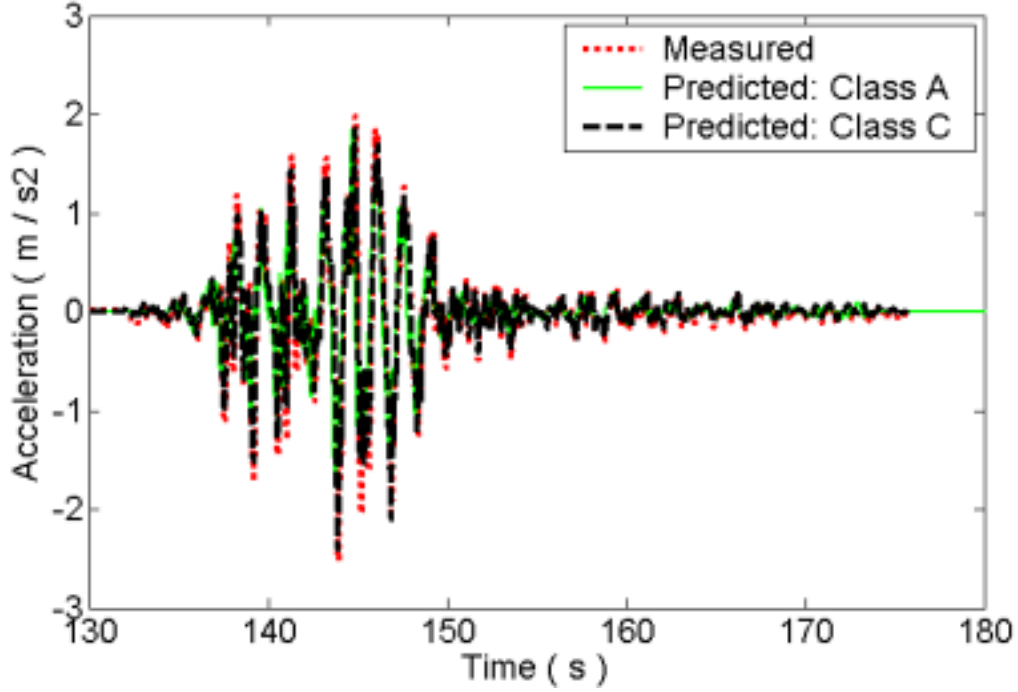
Acceleration time history at ACC03 (A2475)



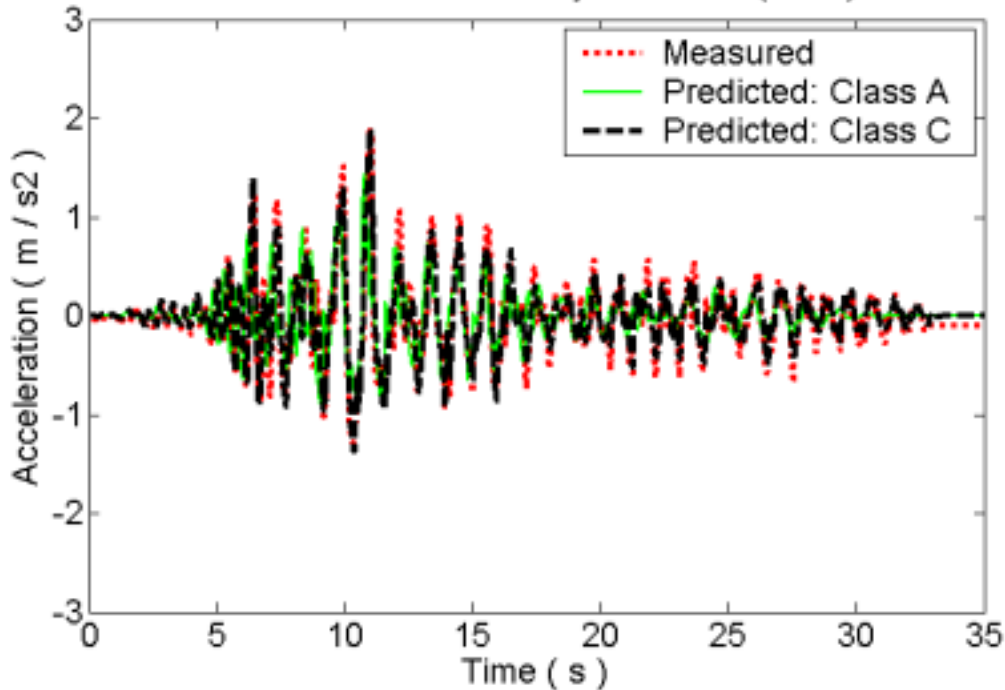
Acceleration time history at ACC04 (A475)



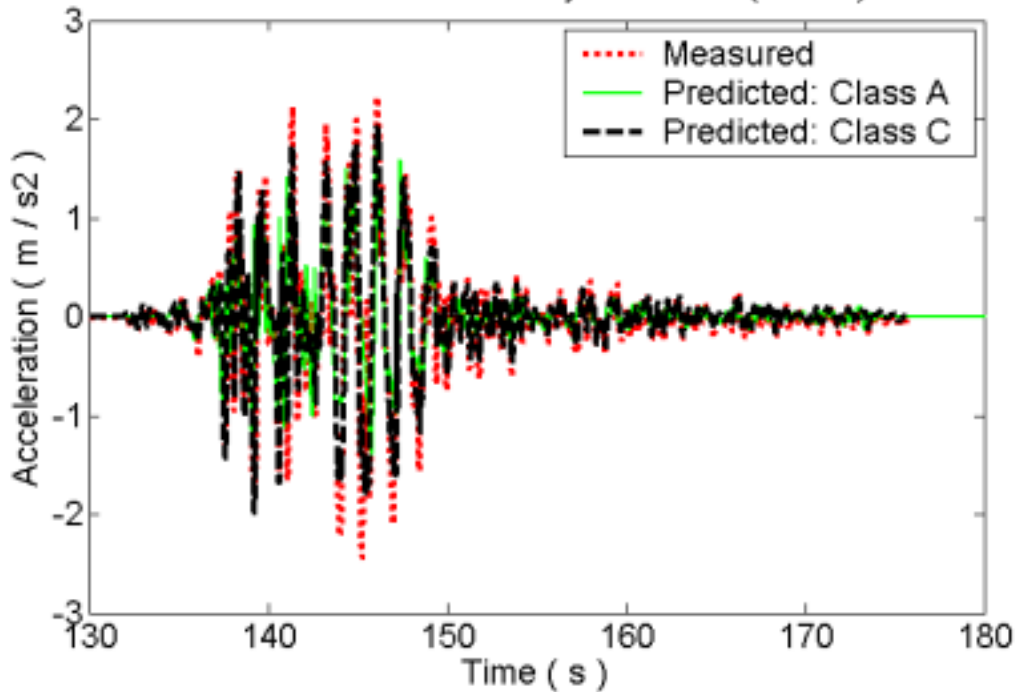
Acceleration time history at ACC04 (A2475)



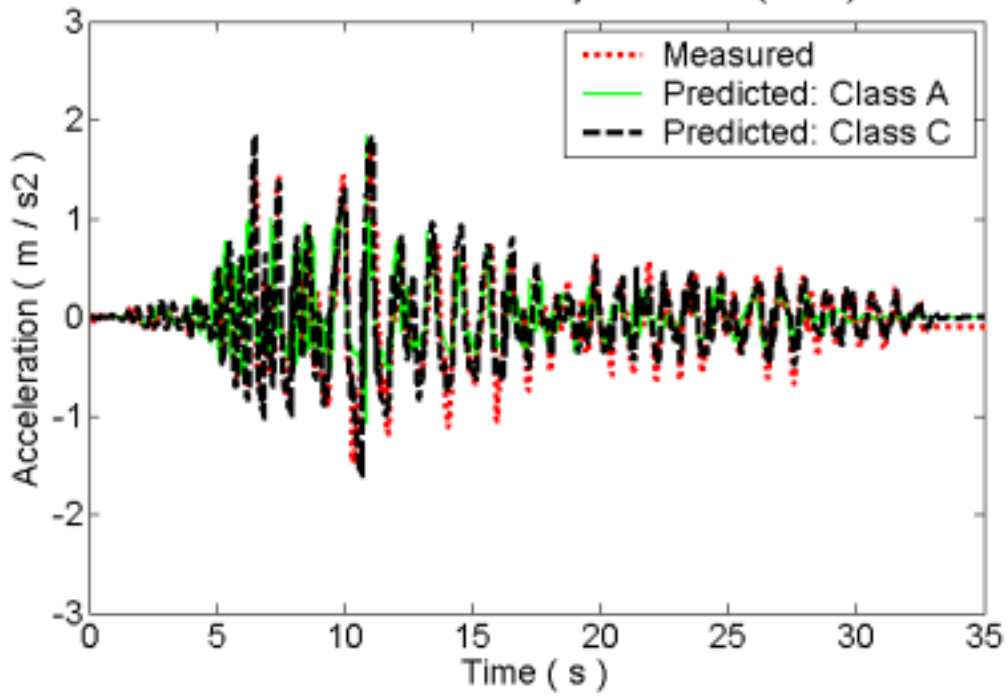
Acceleration time history at ACC05 (A475)



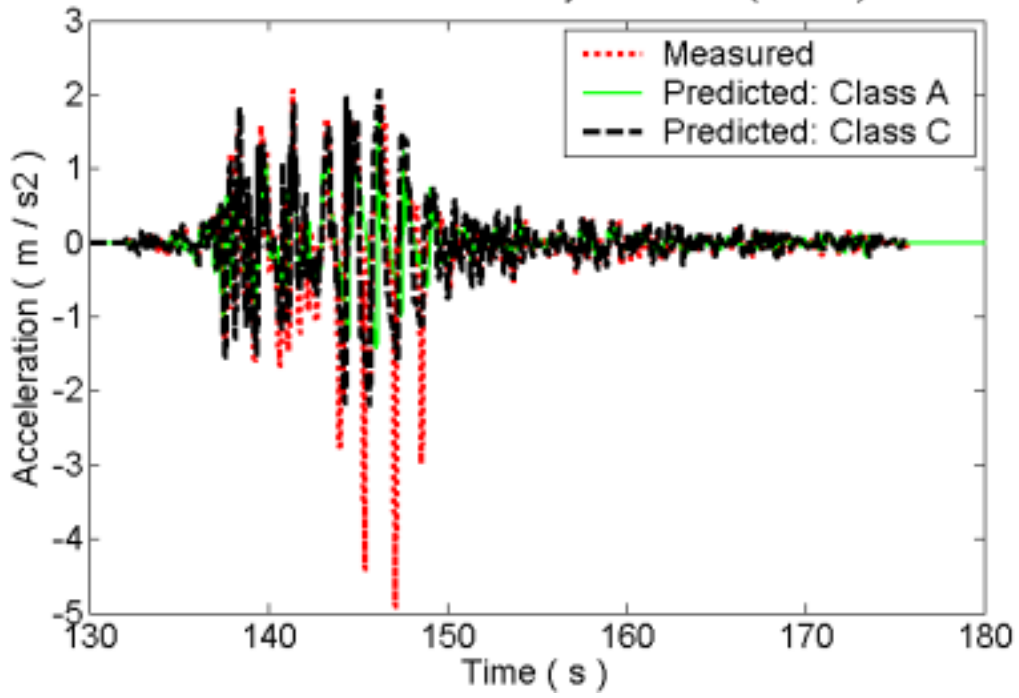
Acceleration time history at ACC05 (A2475)



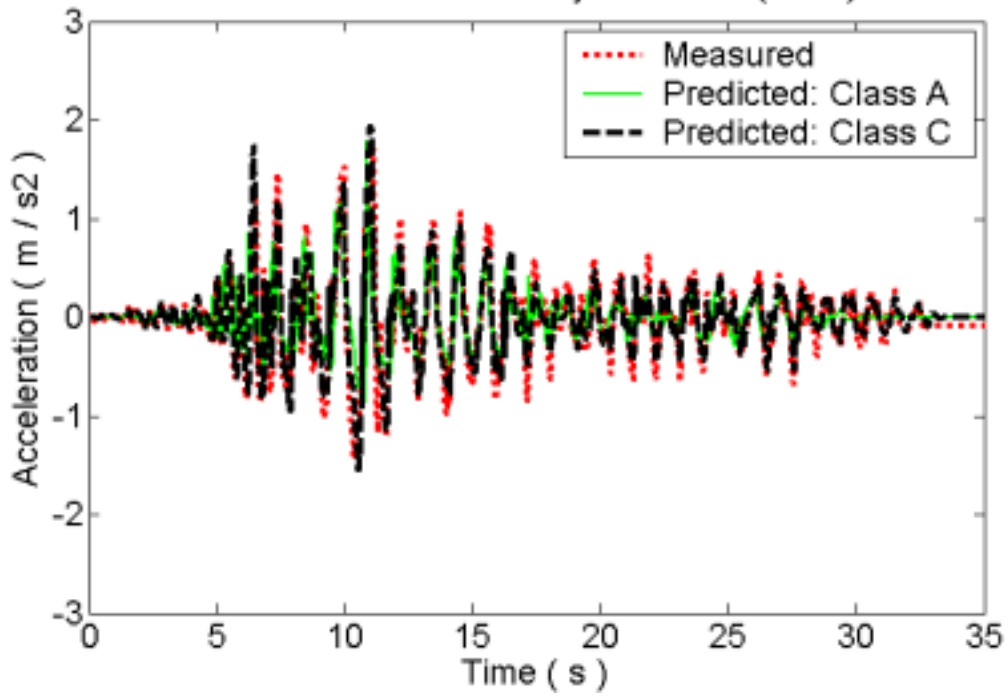
Acceleration time history at ACC06 (A475)



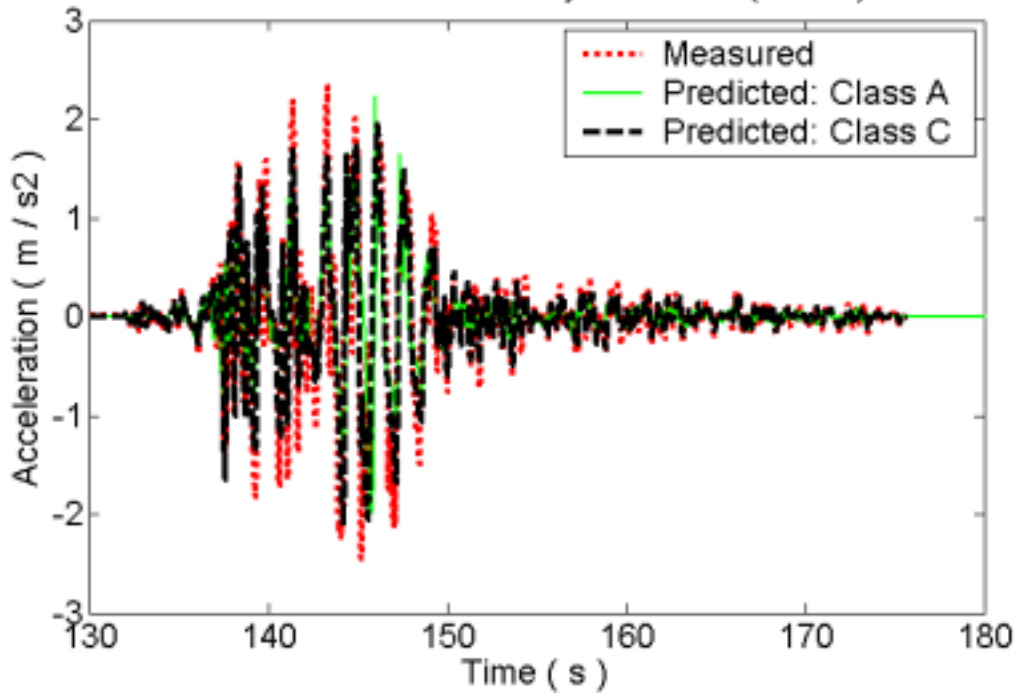
Acceleration time history at ACC06 (A2475)



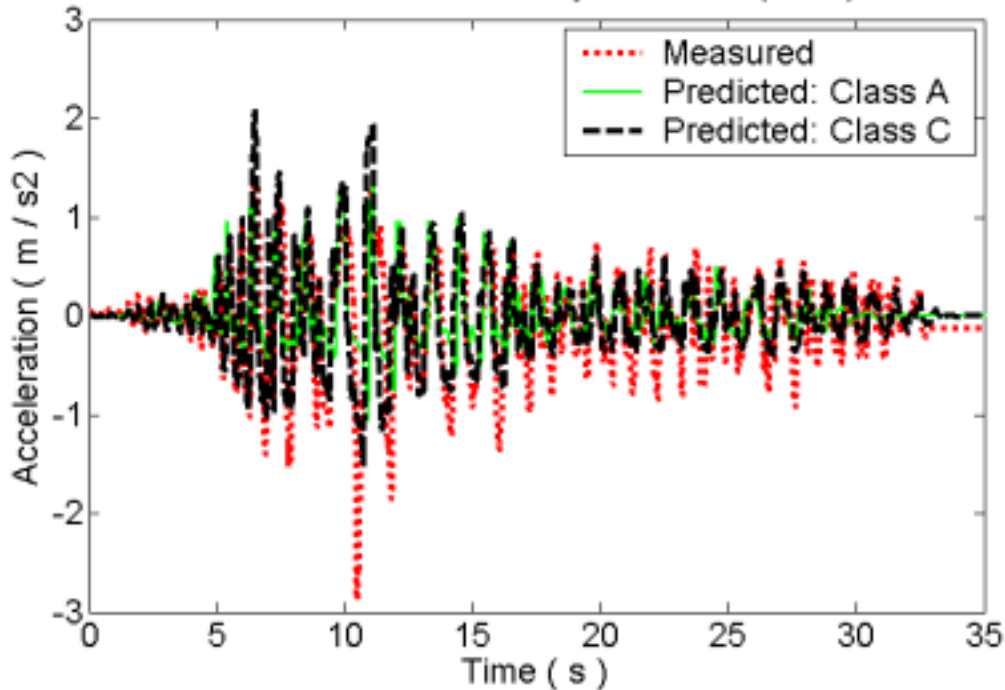
Acceleration time history at ACC07 (A475)



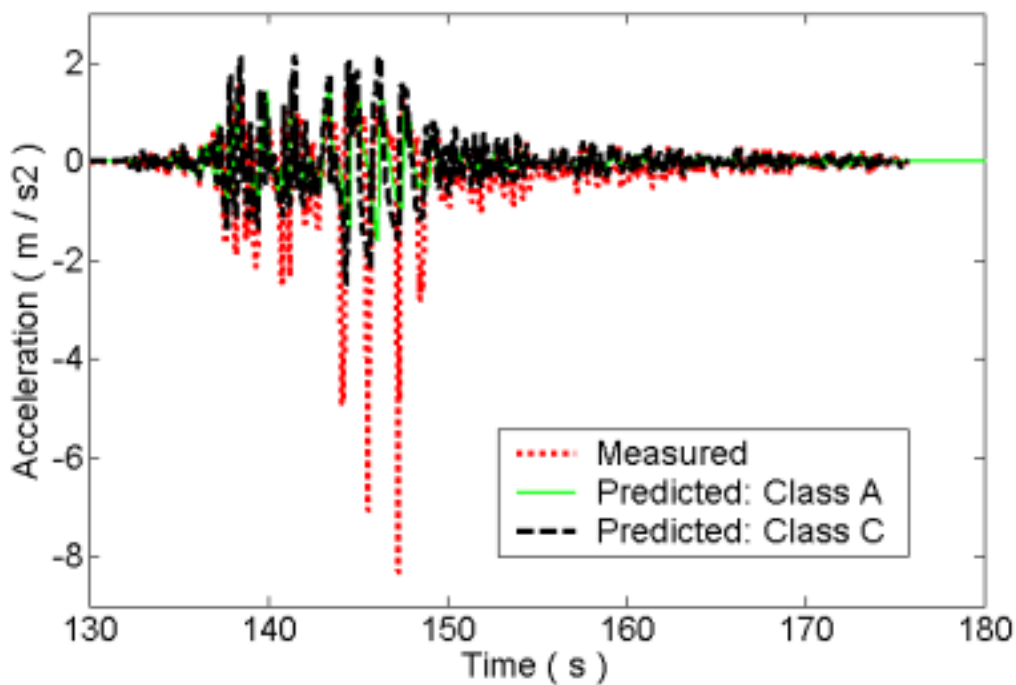
Acceleration time history at ACC07 (A2475)



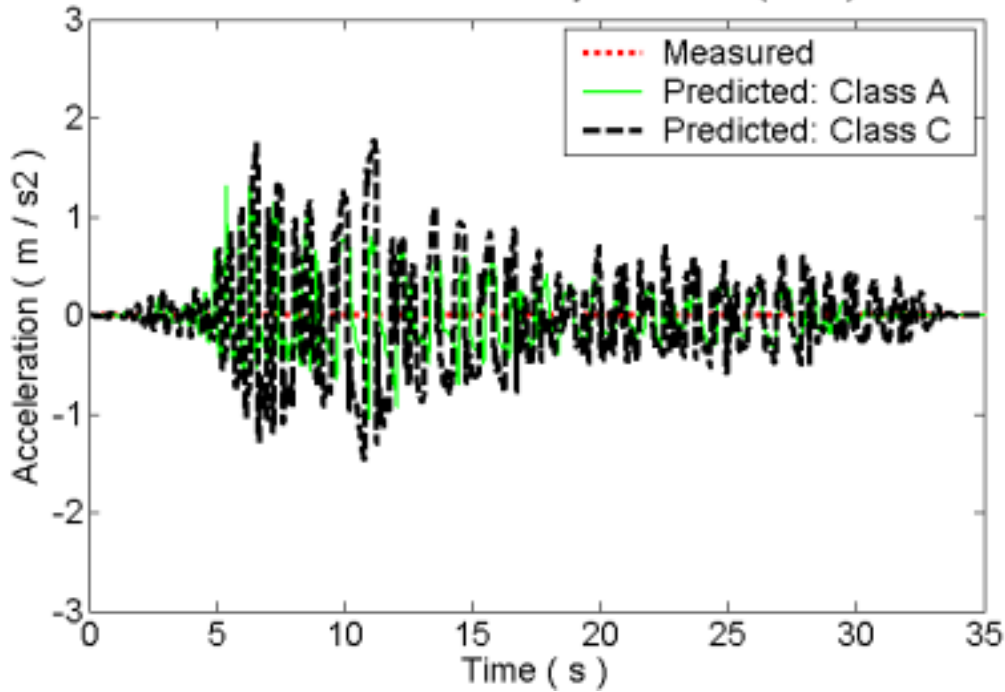
Acceleration time history at ACC08 (A475)



Acceleration time history at ACC08 (A2475)



Acceleration time history at ACC09 (A475)



Acceleration time history at ACC09 (A2475)

