 ERRATA
 PEER Report No 2013-04
 Update of the AS08 Ground-Motion Prediction Equations Based on the NGA-West2 Data Set
 June 4, 2013

 Errors in Section 3:

 There is an error Table 3.1 in the range of rakes for normal faults. A normal fault is defined between rakes of -30 and -150.

 There is also an error in Table 3.3, in the definition of \( R_{\theta 0} \). \( R_{\theta 0} \) can only be zero or positive. For sites located along the rupture, \( R_{\theta 0} = 0 \), which can be computed from \( R_{\theta 0} = R_{\theta} \tan(Src2SiteA) \).

 Errors in Section 4:

 There is an error in the last line on page 23, which states that \( M_1 \) is equal 6.5. Instead, \( M_1 \) is period dependent, as detailed in Table 5.3(a).

 There are a couple of errors in the second line of Equation (4.9). It should read:

 \[
 V_1 = \begin{cases} 
 1500 & \text{for } T \leq 0.5 \text{ sec} \\
 \exp(-0.35 \ln \left( \frac{T}{0.5} \right) + \ln(1500)) & \text{for } 0.5 \text{ sec} < T < 3 \text{ sec} \\
 800 & \text{for } T \geq 3 \text{ sec} 
\end{cases} 
\] (4.9)

 Equation (4.22), which defines the regional \( V_{s30} \) scaling for Taiwan, China, and Japan, is accidentally re-defining \( f_{i1} \). Instead, Equation (4.22) should read:

 \[
 \text{Regional } (V_{s30}, R_{rup}) = F_{TW} (f_{i2} (V_{s30}) + a_{25} R_{rup}) + F_{CN} (a_{28} R_{rup}) + F_{JP} (f_{i3} (V_{s30}) + a_{29} R_{rup}) 
\] (4.22)

 Such that Equation (4.23) is defining \( f_{i2} \) and Equation (4.24) is defining \( f_{i3} \).

 There is also an error in Equation (4.23). Instead of \( V_{s30} \) in the numerator, it should be \( V_{s30}^{*} \).

 Following the above items, Equations (4.23) and (4.24) should read:

 \[
 f_{i2} (V_{s30}) = a_{31} \ln \left( \frac{V_{s30}}{V_{Lin}} \right) \] (4.23)

 Errors in Section 5:

 There is an error in Table 5.3(c) – the coefficient \( a_{46} \) at \( T = 0.2 \) sec should be -0.03 instead of 0.03.