

$$W_{AERm} = \frac{\left[\sum_{i=1}^p \left[\sum_{i=1}^n (\text{Herm}_i \times Smm_i \times Cfm_i) \right]_p \right] + \sum_{i=1}^m (\text{Ter}_i \times Smt_i \times Cft_i)}{\left[\sum_{i=1}^p \left[\sum_{i=1}^n Smm_i \times Cfm_i \right]_p \right] + \sum_{i=1}^m Smt_i \times Cft_i} \quad (\text{Eq. 1b})$$