$$R_v = 100 \times \frac{M_{vr}}{\sum_{j=1}^{m}(Vol_i)(D_i)(WV_{c,i}) + \sum_{j=1}^{n}(Vol_j)(D_j)(WV_{t,j}) + \sum_{k=1}^{p}(Vol_k)(D_k)(WV_{s,k})} \qquad \text{(Eq. 2)}$$