$$C_{avg,\,d} = \frac{\sum_{m=1}^{s} \left(Vol_{d,\,m}\right)\left(D_{d,\,m}\right)\left(W_{d,\,m}\right)}{\sum_{m=1}^{s} \left(Vol_{d,\,m}\right)\left(D_{d,\,m}\right)} \qquad \text{(Eq. 2)}$$