

100 g air-dried soil

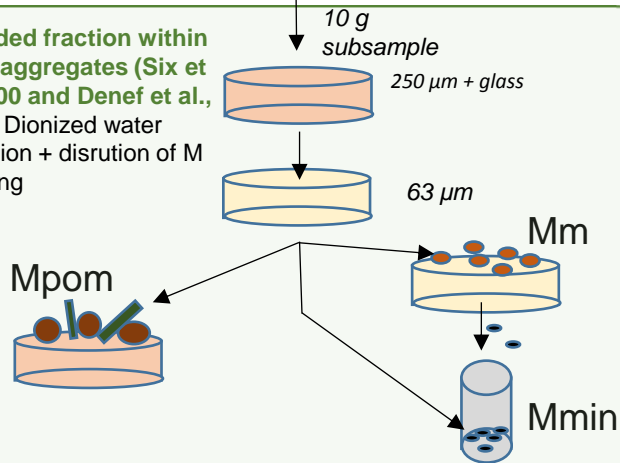
Wet-sieving
(Elliot, 1986)

Macroaggregate (M)
($> 250 \mu\text{m}$)

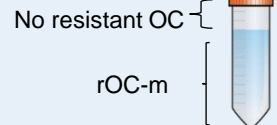
Free microaggregate (m)
($63\text{--}250 \mu\text{m}$)

Free mineral fraction
(min) ($< 63 \mu\text{m}$)

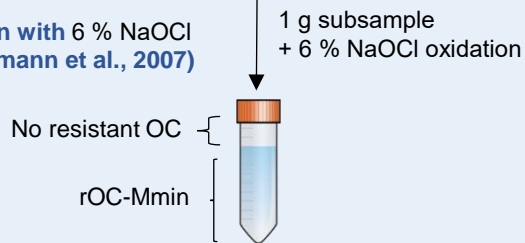
Ocluded fraction within macroaggregates (Six et al., 2000 and Deneff et al., 2004): Dionized water immersion + disrution of M + sieving



1 g subsample
+ 6 % NaOCl oxidation



Oxidation with 6 % NaOCl
(Zimmermann et al., 2007)



Legend

- Mpom: intra-aggregate particulate organic matter $> 250 \mu\text{m}$
- Mm: occluded microaggregates within macroaggregates ($63\text{--}250 \mu\text{m}$)
- Mmin: occluded mineral fraction within macroaggregates ($< 63 \mu\text{m}$)
- rOC-Mmin: resistant to oxidation occluded mineral fraction
- rOC-Mm: resistant to oxidation free mineral fraction