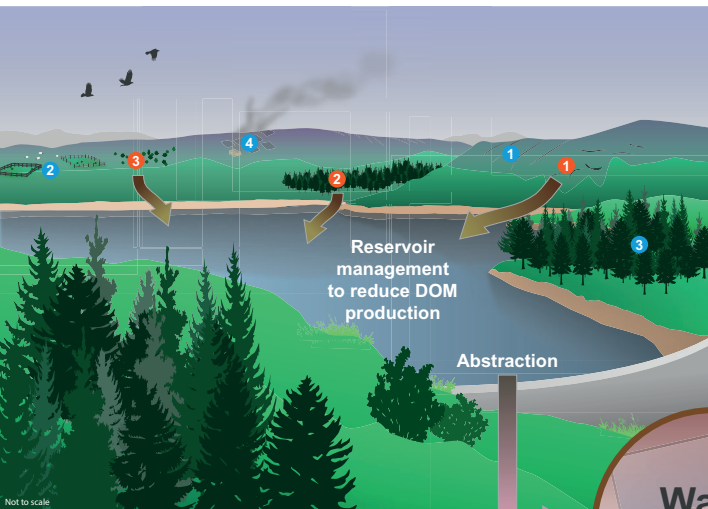


Anthropogenic land use pressures affecting dissolved organic matter (DOM) export from peat



DOM inputs:

- 1 Exposed and degraded peat
- 2 Forest litter
- 3 Differential release from vegetation types

Catchment management to reduce DOM inputs:

- 1 Peat restoration by blocking drainage ditches
- 2 Create conditions that allow *Sphagnum* growth
- 3 Restore conifer plantation to bog
- 4 Reduce moorland burning and risk of wildfires

Treatment methods:

- Coagulation
- Ozonation
- UV filtration

Regulatory limits:

- Colour <20 hazen
- THMs < 100 $\mu\text{g L}^{-1}$