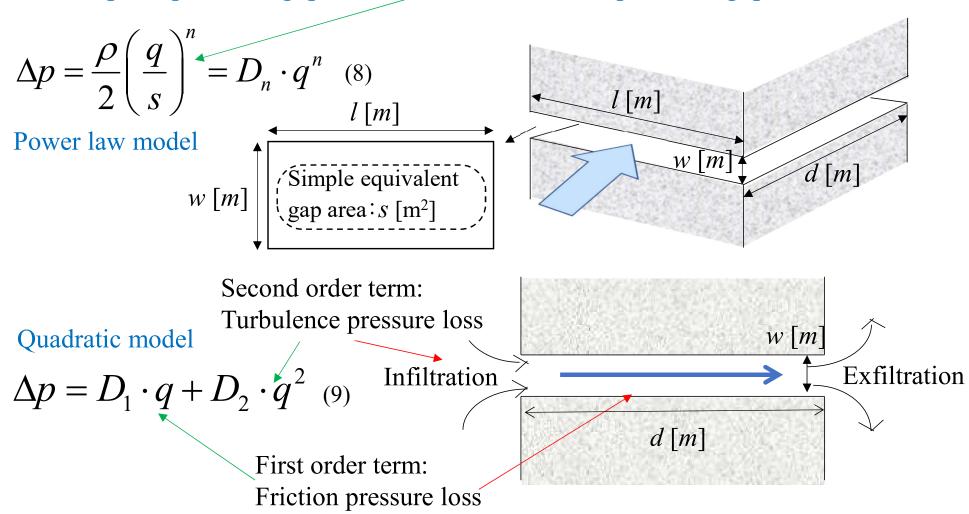
## **Idealized gap geometry**

The gap is defined as having dimensions of length l, width w and depth d.

Simple equivalent gap area: s, Geometric equivalent gap area: wl



The quadratic model by eq.(9) is derived from the equation of motion of the fluid.