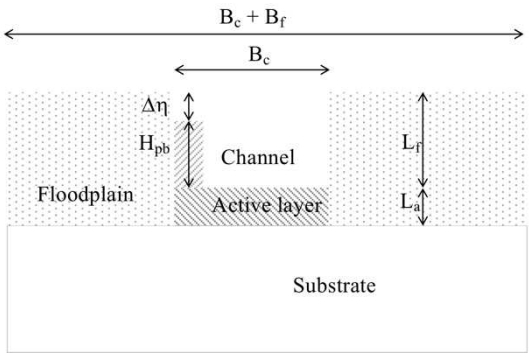
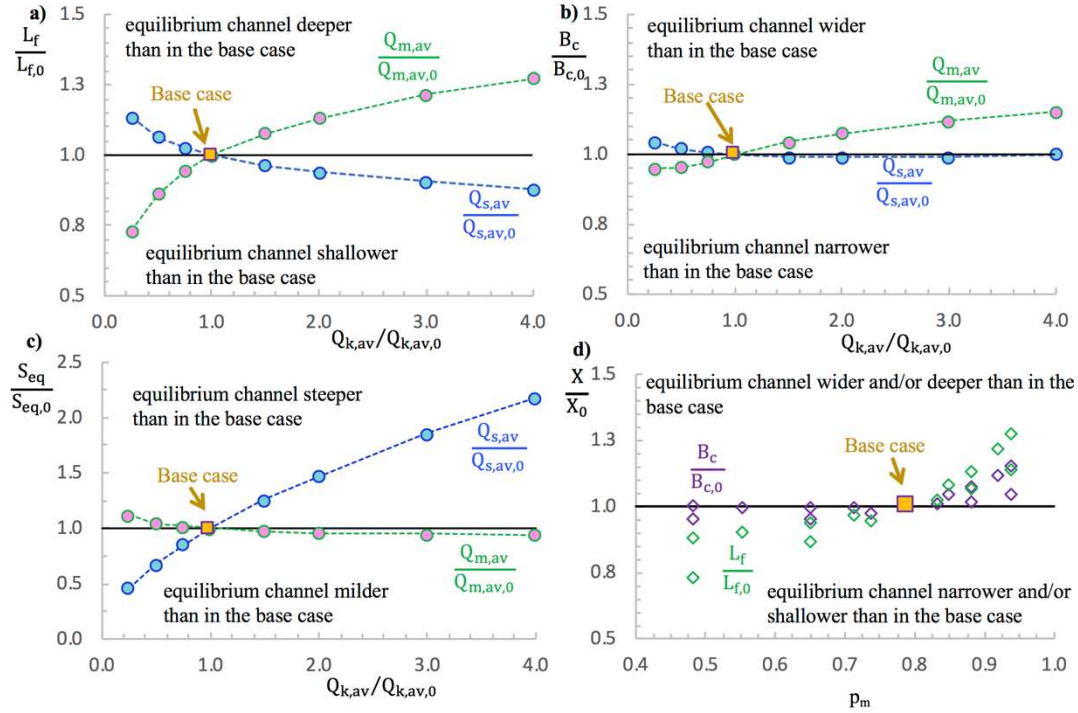
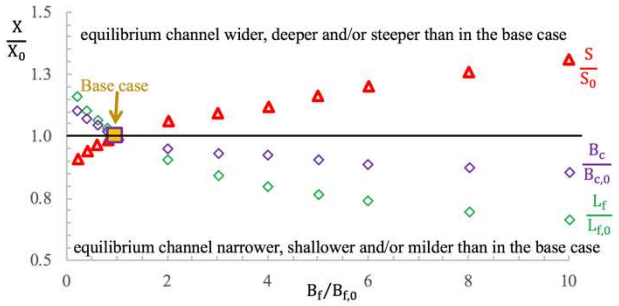

$B_c + B_f$
B_c
$\Delta\eta$
H_{pb}
Channel
L_f
Floodplain
Active layer
L_a
Substrate


a)
$\frac{L_f}{L_{f,0}}$
equilibrium channel deeper than in the base case
$\frac{Q_{m,av}}{Q_{m,av,0}}$
Base case
$\frac{Q_{s,av}}{Q_{s,av,0}}$
equilibrium channel shallower than in the base case
$Q_{k,av}/Q_{k,av,0}$
b)
$\frac{B_c}{B_{c,0}}$
equilibrium channel wider than in the base case
Base case
$\frac{Q_{m,av}}{Q_{m,av,0}}$
$\frac{Q_{s,av}}{Q_{s,av,0}}$
equilibrium channel narrower than in the base case
$Q_{k,av}/Q_{k,av,0}$
c)
$\frac{S_{eq}}{S_{eq,0}}$
equilibrium channel steeper than in the base case
$\frac{Q_{s,av}}{Q_{s,av,0}}$
Base case
$\frac{Q_{m,av}}{Q_{m,av,0}}$
equilibrium channel milder than in the base case
$Q_{k,av}/Q_{k,av,0}$
d)
$\frac{X}{X_0}$
equilibrium channel wider and/or deeper than in the base case
$\frac{B_c}{B_{c,0}}$
Base case
$\frac{L_f}{L_{f,0}}$
equilibrium channel narrower and/or shallower than in the base case
p_m


$\frac{X}{X_0}$
equilibrium channel wider, deeper and/or steeper than in the base case
Base case
$\frac{S}{S_0}$
$\frac{B_c}{B_{c,0}}$
$\frac{L_f}{L_{f,0}}$
equilibrium channel narrower, shallower and/or milder than in the base case
$B_f/B_{f,0}$