

Evolution of soil thickness through time

Assuming a stationary soil:

No wind-blown deposition, no upslope inputs, no downslope losses)

Soil-production function

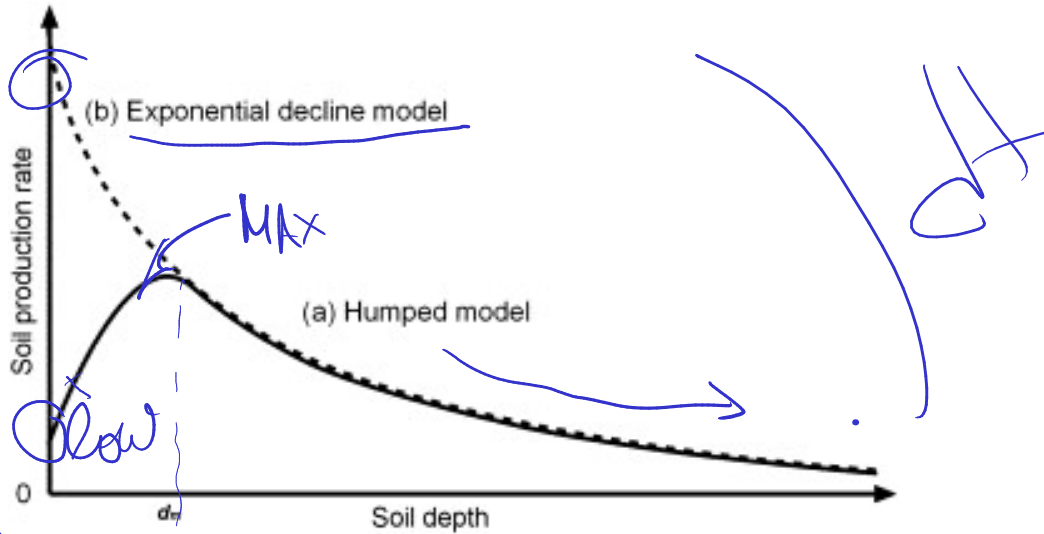
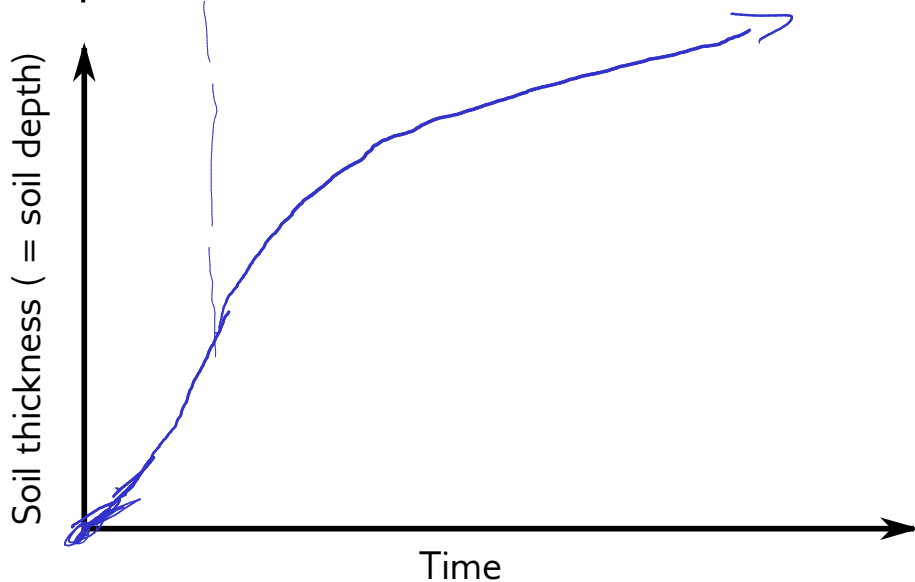



Figure: Humphrys and Wilkinson (2007)

Soil thickness through time, starting with bedrock (Humped model)



 ~ flat: just weathering
{ soil production