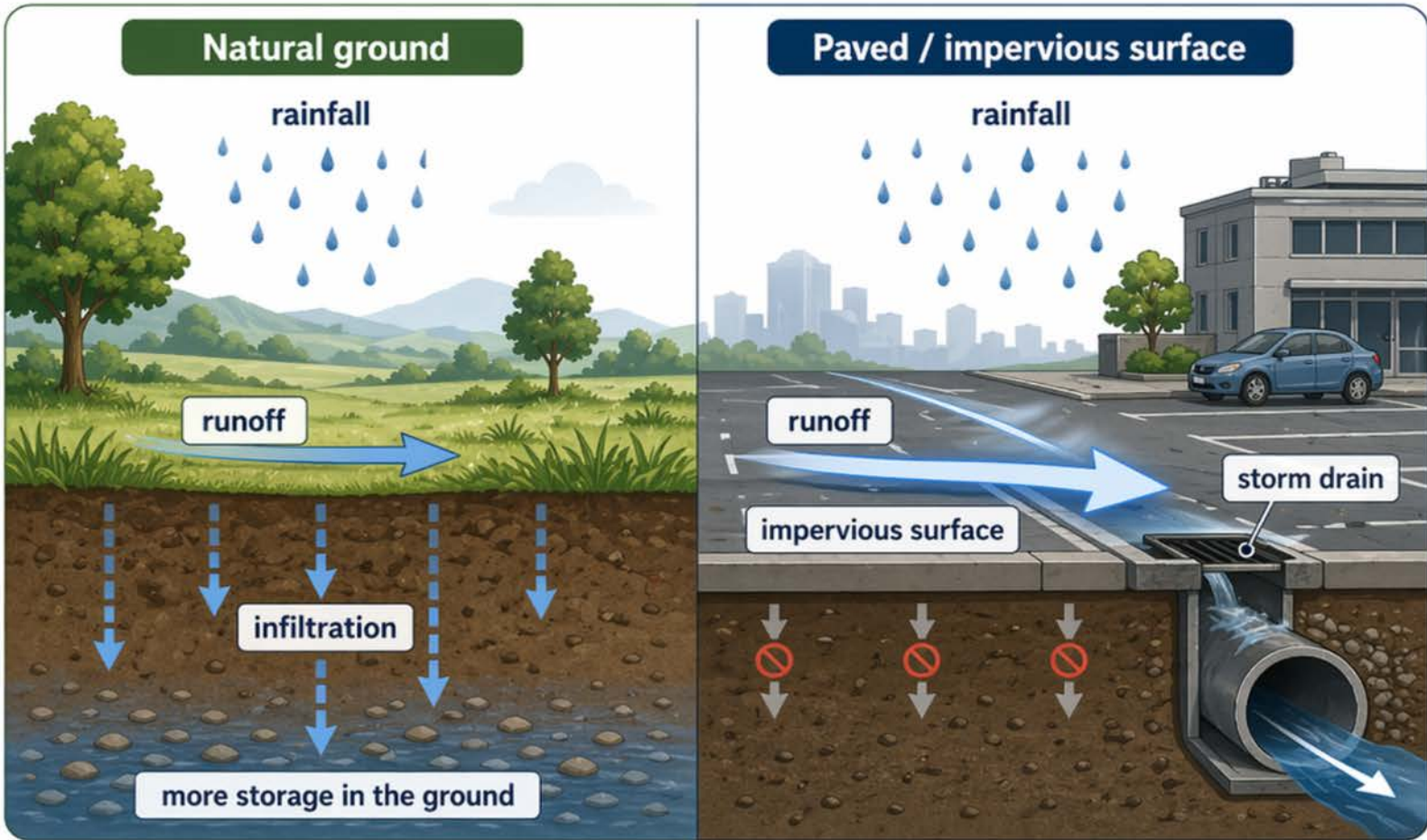


Why Pavement Changes Runoff

Pavement and other impervious surfaces reduce infiltration and increase runoff, often making flooding worse.



Pavement speeds up water movement and can increase peak flows downstream.

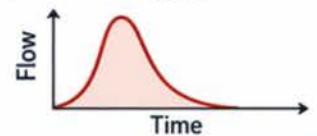
At a glance comparison



Natural ground:
more infiltration,
slower runoff



Paved surfaces:
less infiltration,
faster runoff



Why this matters for policy



Urban development changes flood behavior.



Drainage systems can move water faster rather than eliminate risk.



Site design and stormwater policy influence flood outcomes.



KEY TAKEAWAY

Pavement does not create more rain — it makes more of the rain become fast-moving runoff.