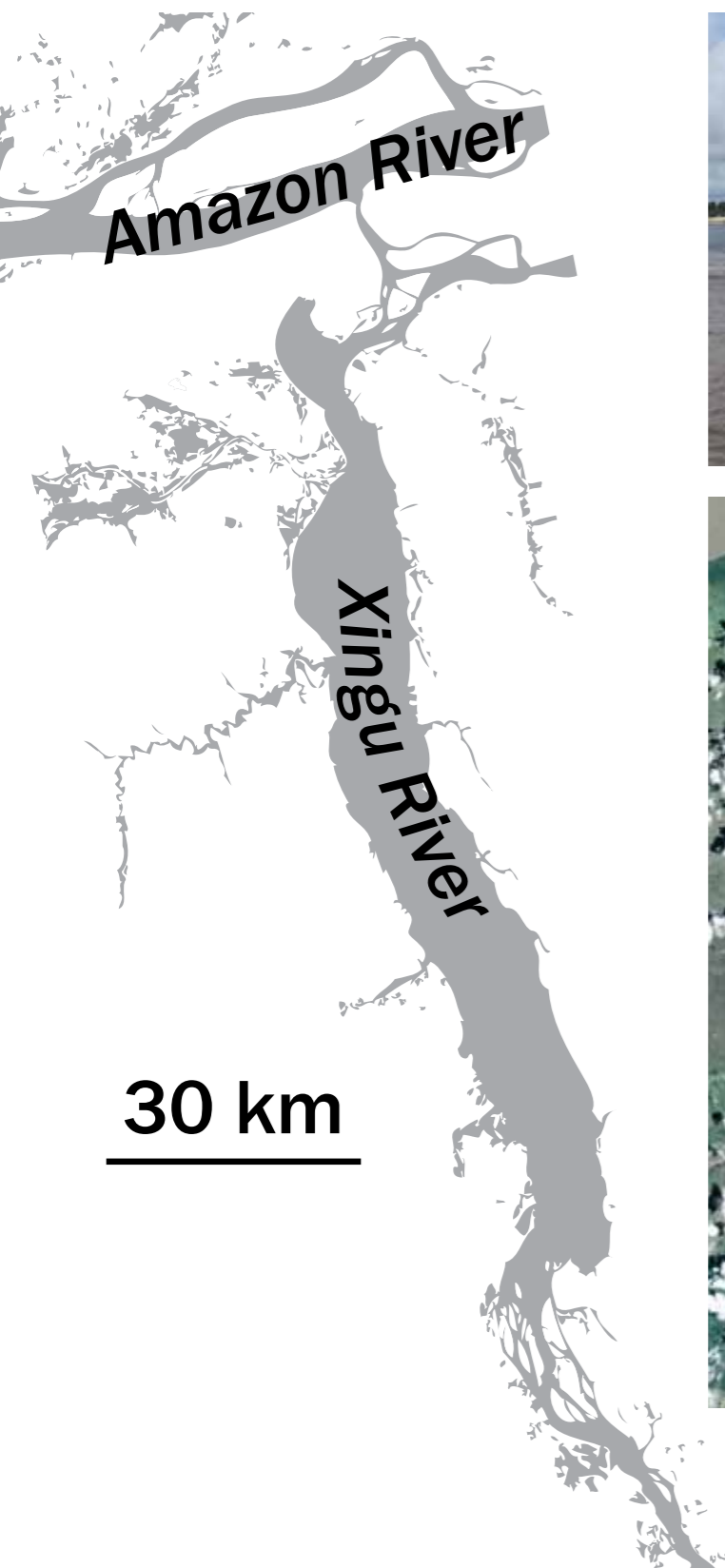


Beyond tidal floodplain channels, many more processes are involved, which may be as—or more—important to the sediment budget.



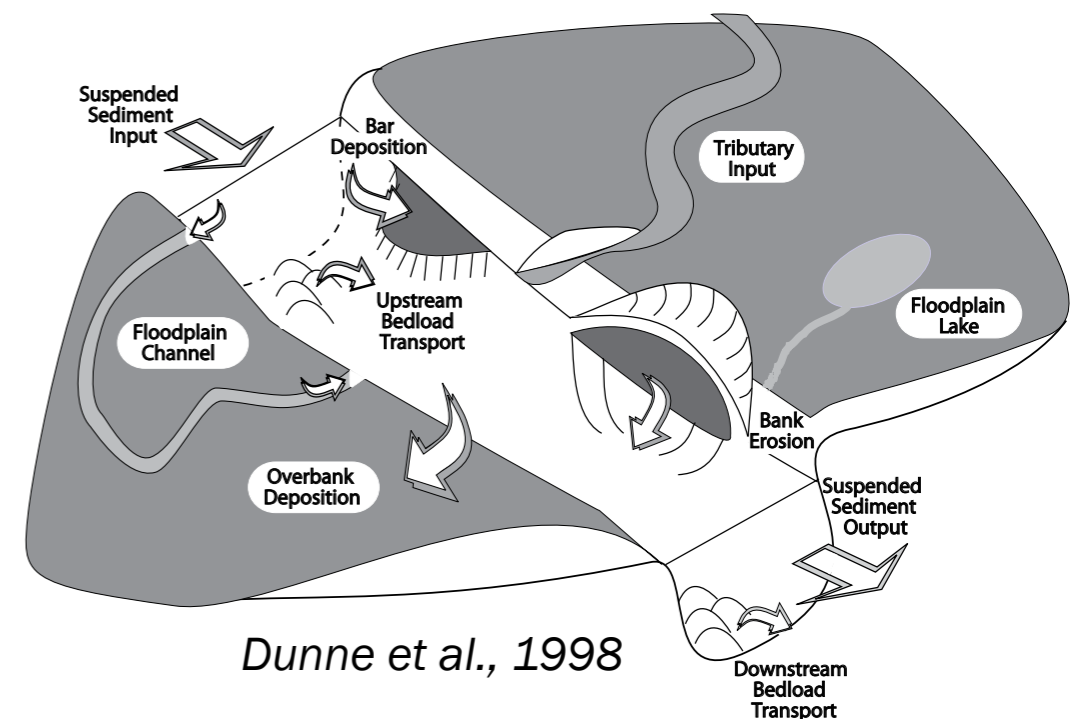
Freshwater “estuaries” formed by blackwater *ria* tributaries at confluence with Amazon

Within-channel storage and bedload transport in mainstem

Diffuse flow over tidal floodplain

Long-term (decadal) **sedimentation** on tidal floodplain

Mangrove trapping



Dunne et al., 1998

Thanks for your attention.

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