

# Large wood input, storage, transport, and burial in the Queets River

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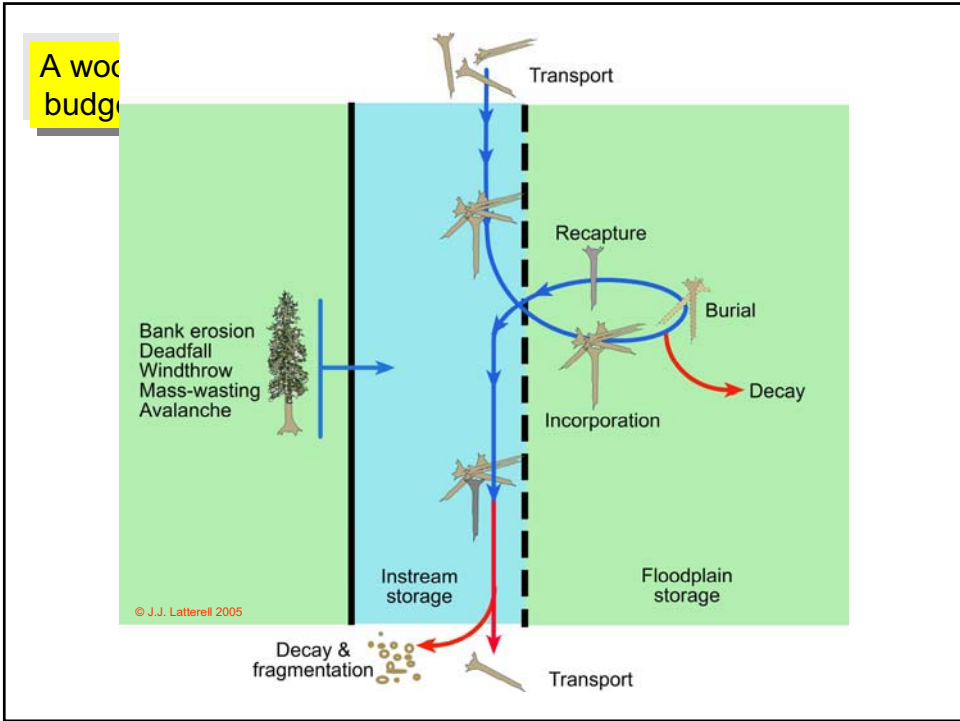


How much wood is in these rivers?

How is it distributed?

Where did it come from?

What's going to happen to it?







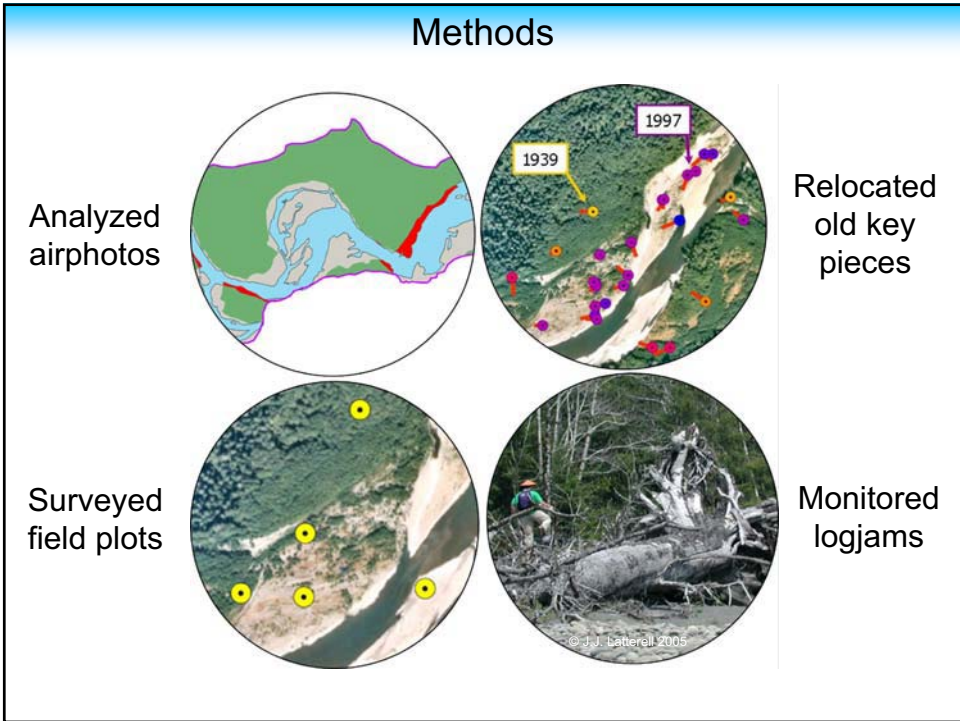
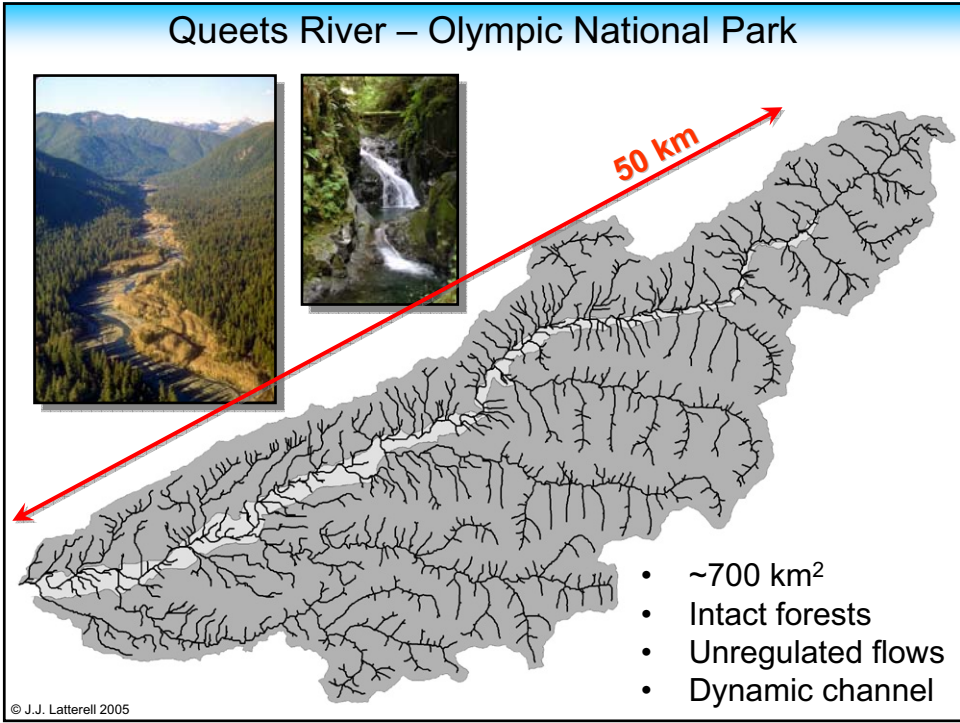


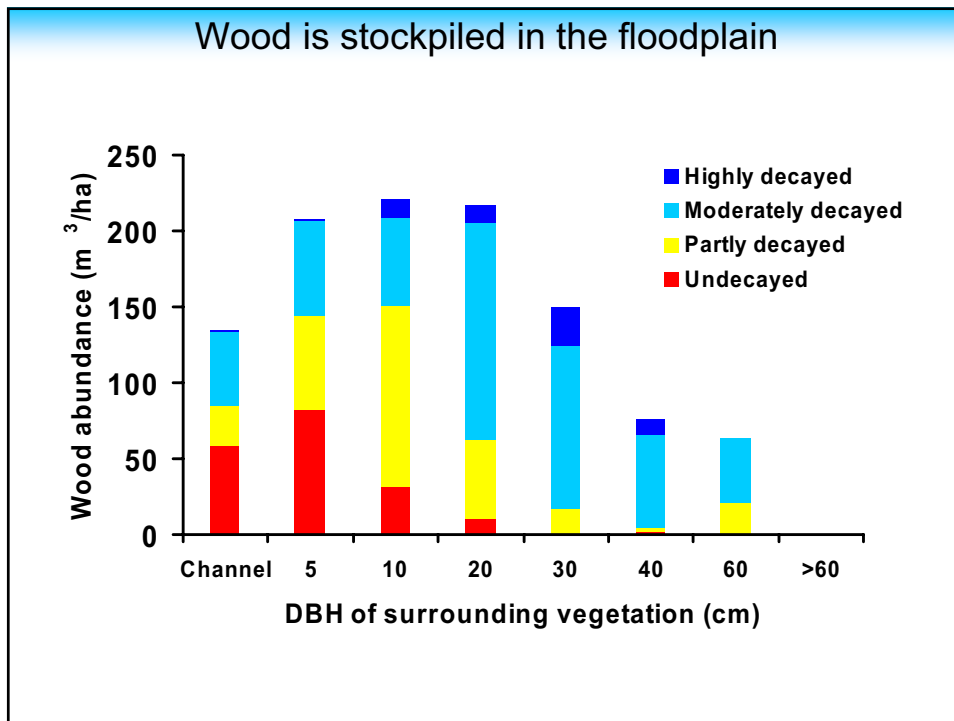
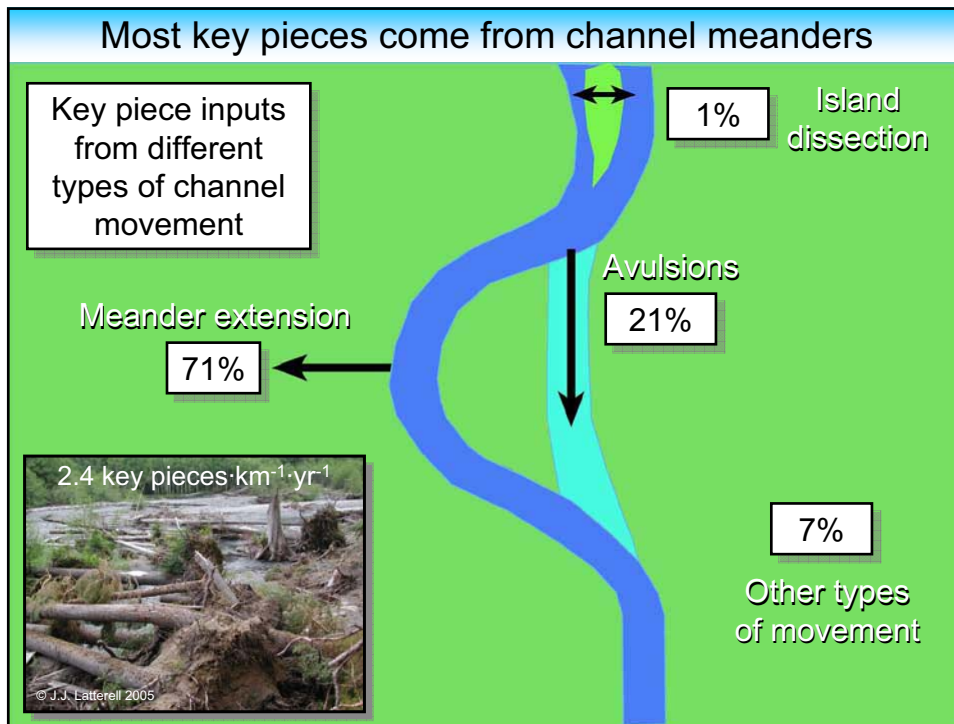


## Objectives

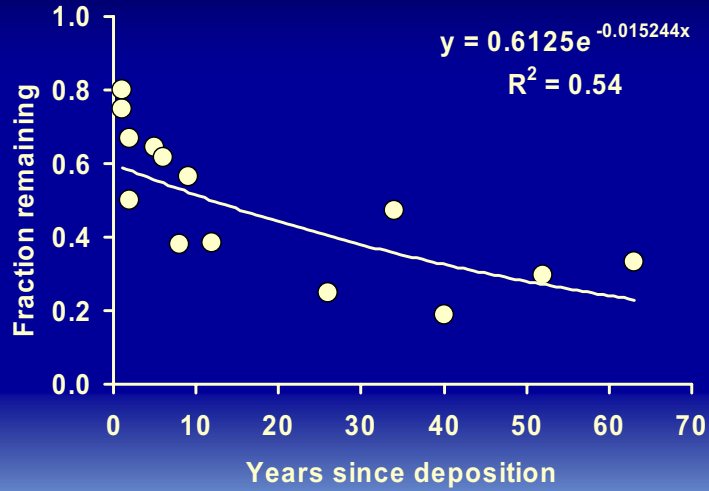
We quantified...

1. Mechanism and rate of riparian wood input
2. Wood distribution, abundance, and characteristics
3. Transport rate & distances
4. Burial and recapture



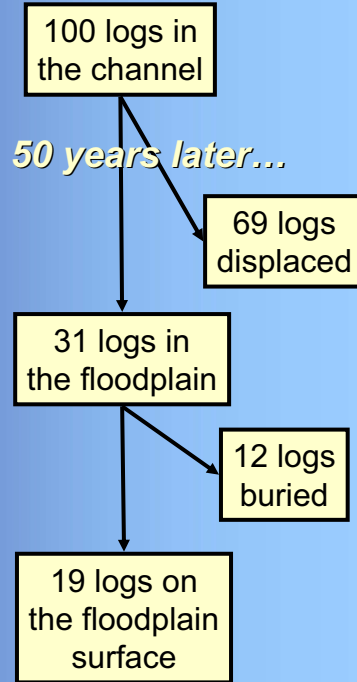
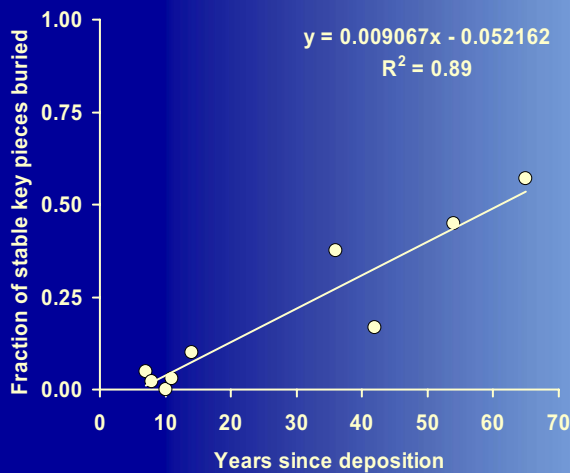


Key pieces are quickly recaptured by the channel



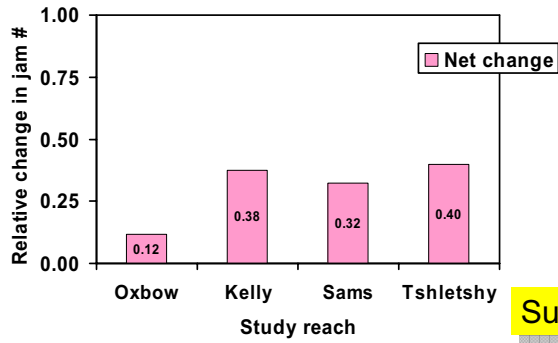
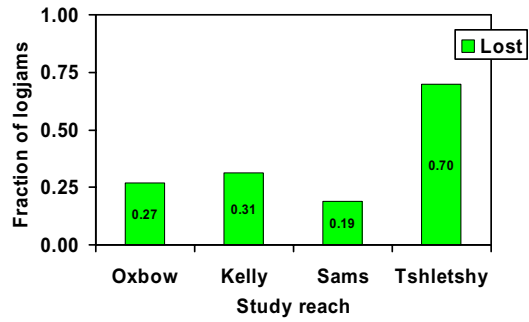
50% loss.....13 years  
95% loss.....164 years

Burial of key pieces in the floodplain increases with time



**Jam turnover is rapid**

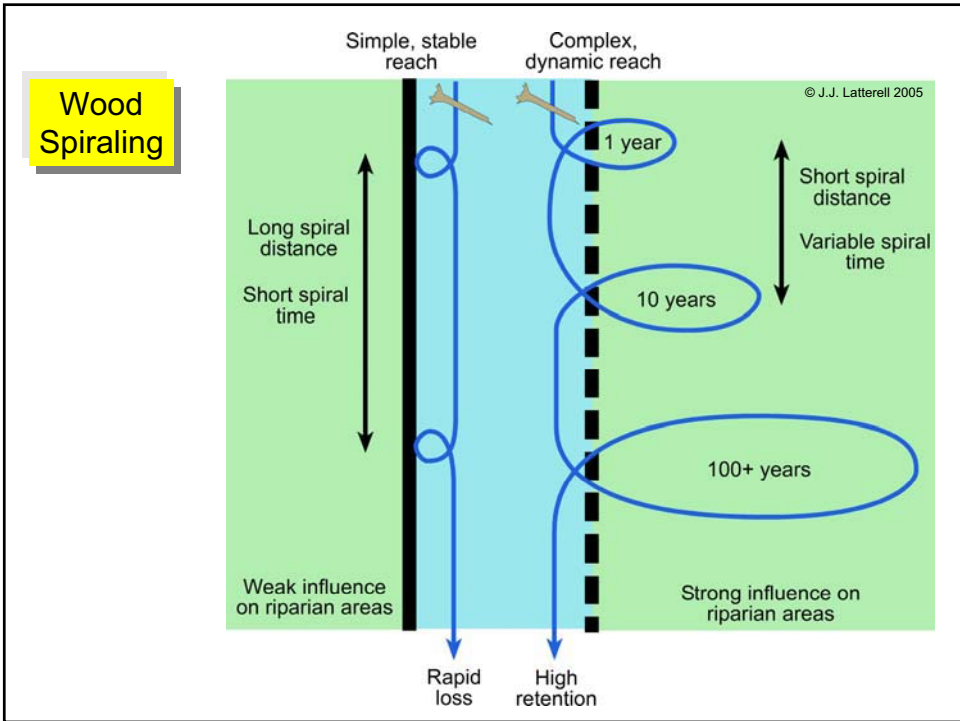
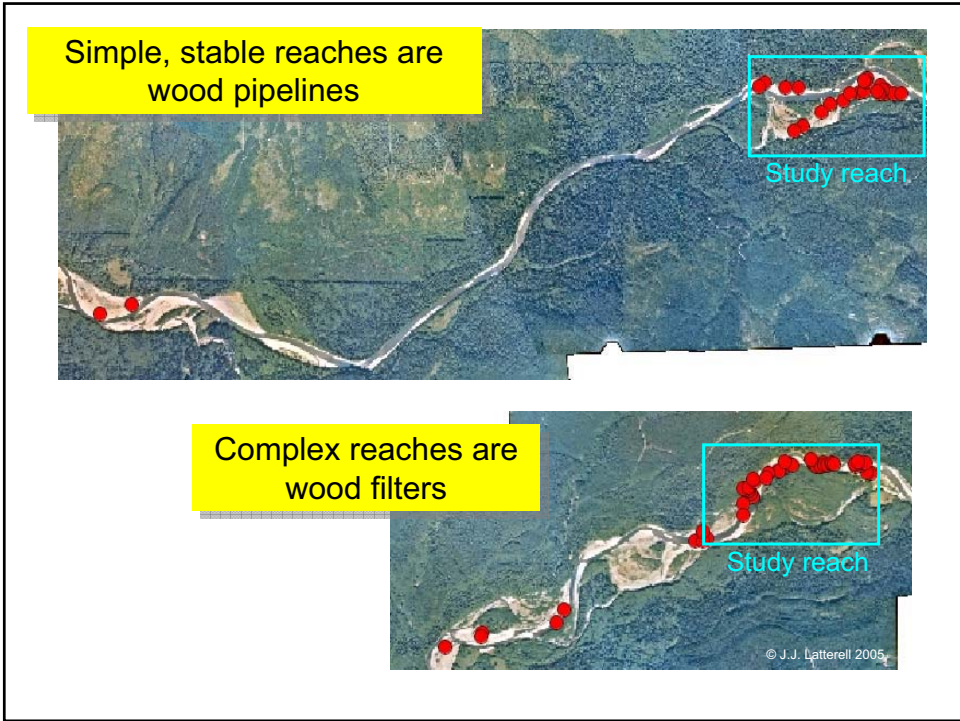
19-70% of jams were lost during normal floods in a single year

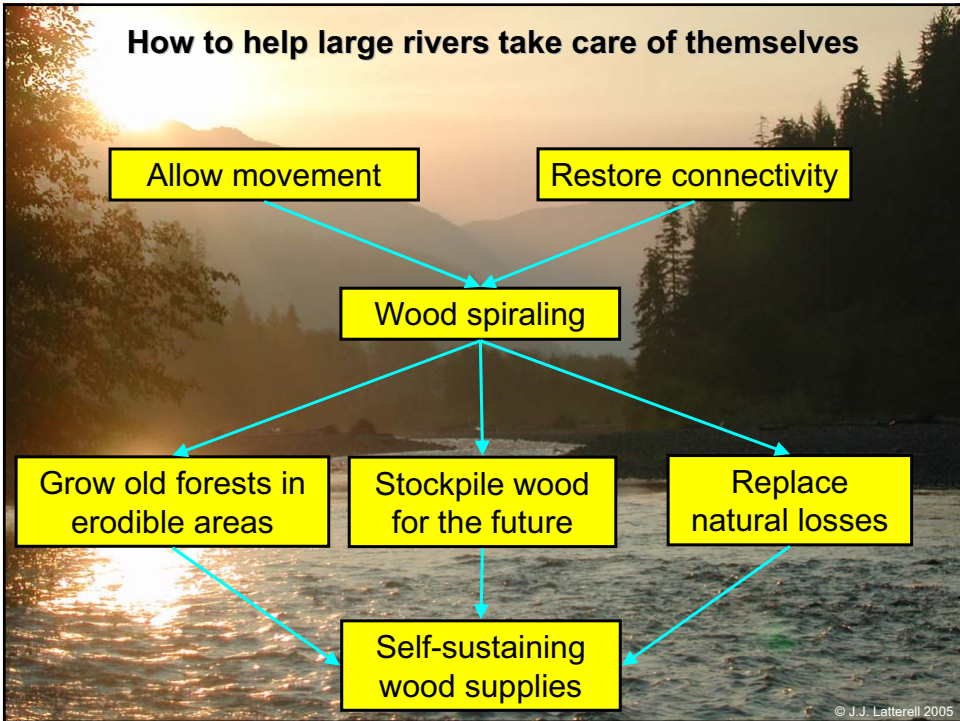
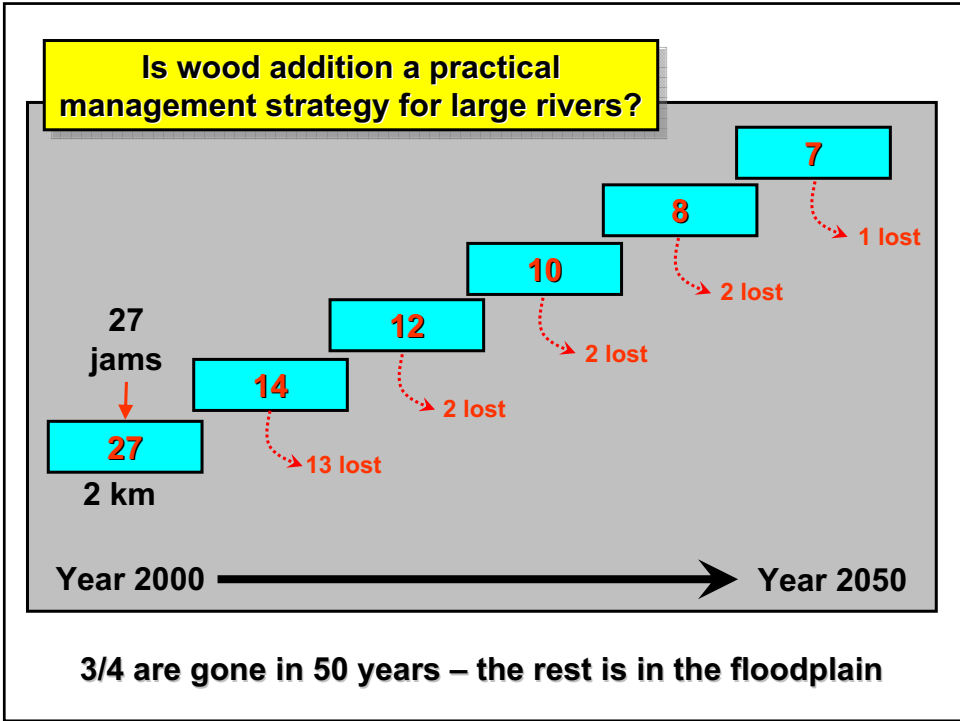


12-40% increase in jam abundance despite the loss of old jams

**Sustained inputs are critical**







## Acknowledgements



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