

The background image shows a wide river with a rocky bed, surrounded by green vegetation and trees. In the distance, there are mountains under a clear blue sky with a few clouds. The river flows from the left towards the right, with some debris and branches visible in the water.

La Zone Critique Alluviale: interactions entre géomorphologie, végétation et sol dans la zone alluviale de l'Allondon

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• Introduction

Géomorphologie et végétation

Végétation (pionnière) a une action ingénieure:

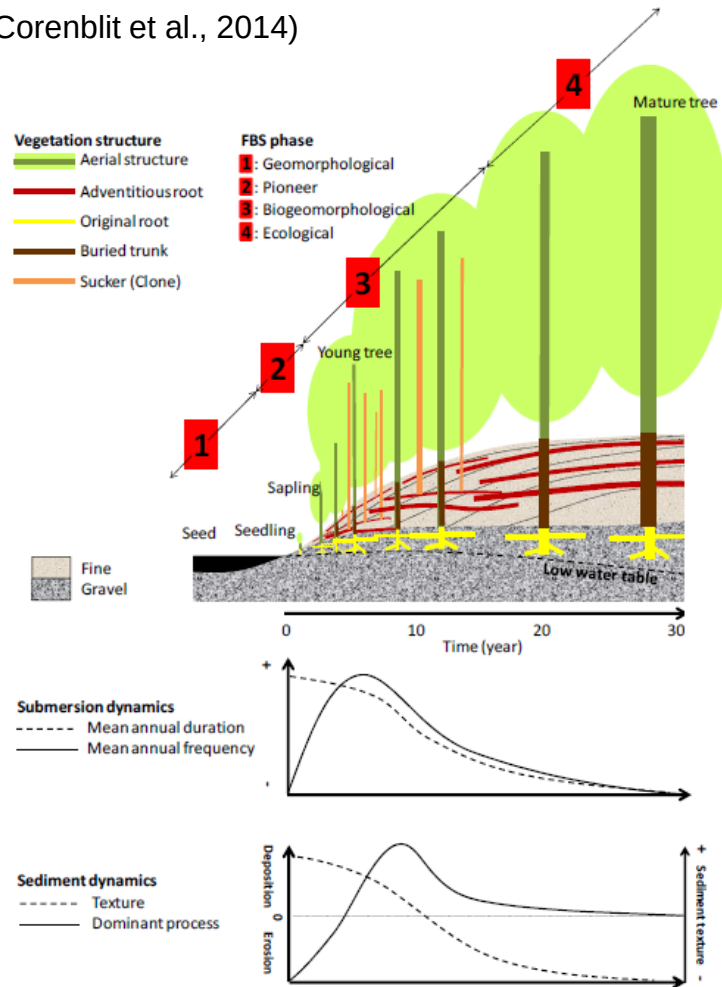
- piège sédiment (structure aérienne)
- stabilisation des dépôts (racines)



• Introduction

Succession biogéomorphologique

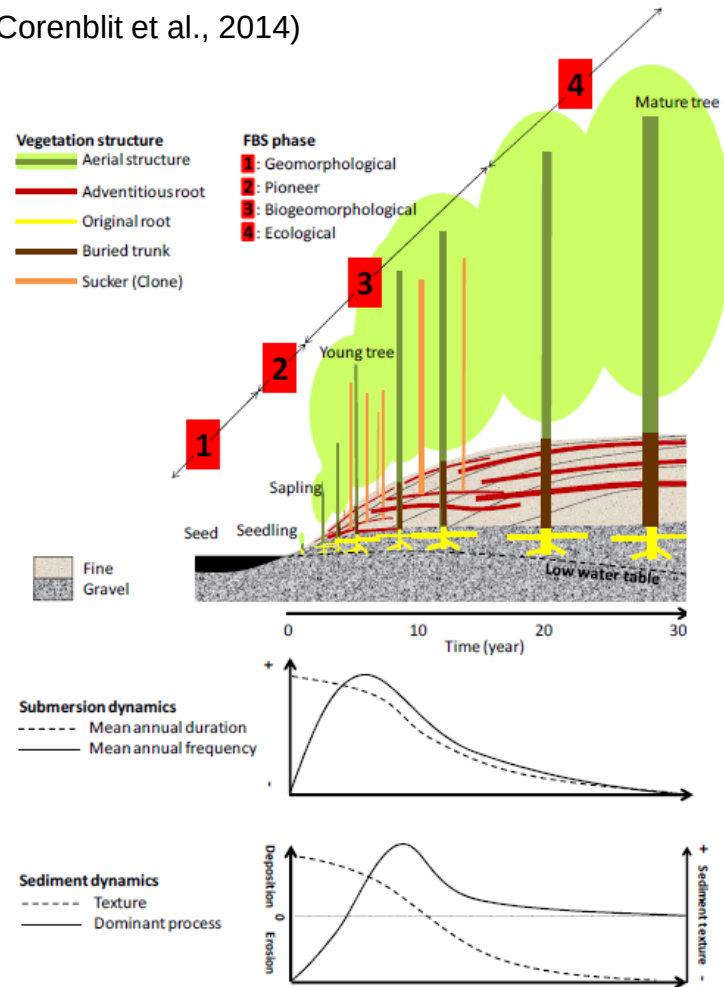
(Corenblit et al., 2014)



• Introduction

Succession biogéomorphologique

(Corenblit et al., 2014)



Succession biogéomorphologique

Mais si on considère l'échelle de temps de la succession (~50 ans):

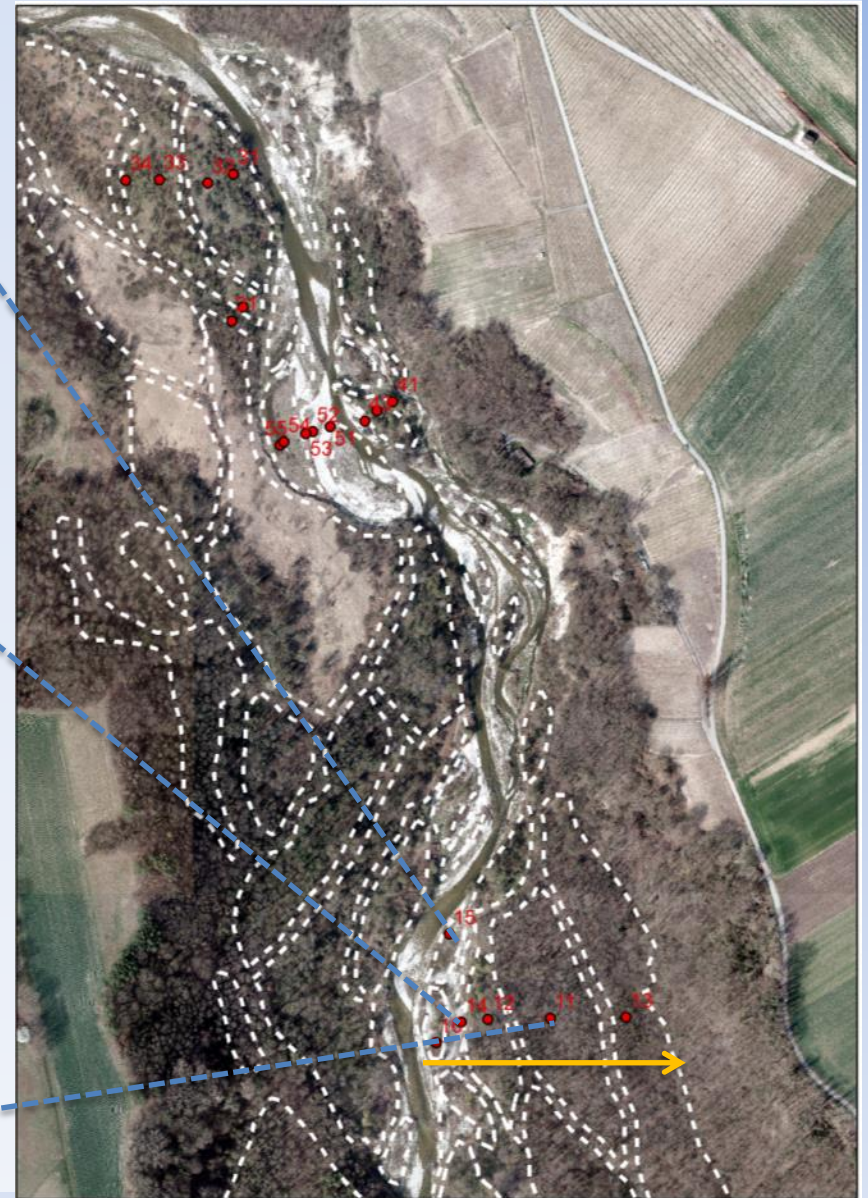
Quelles autres variables influencent le développement de l'écosystème à l'échelle des décennies?

Sol?

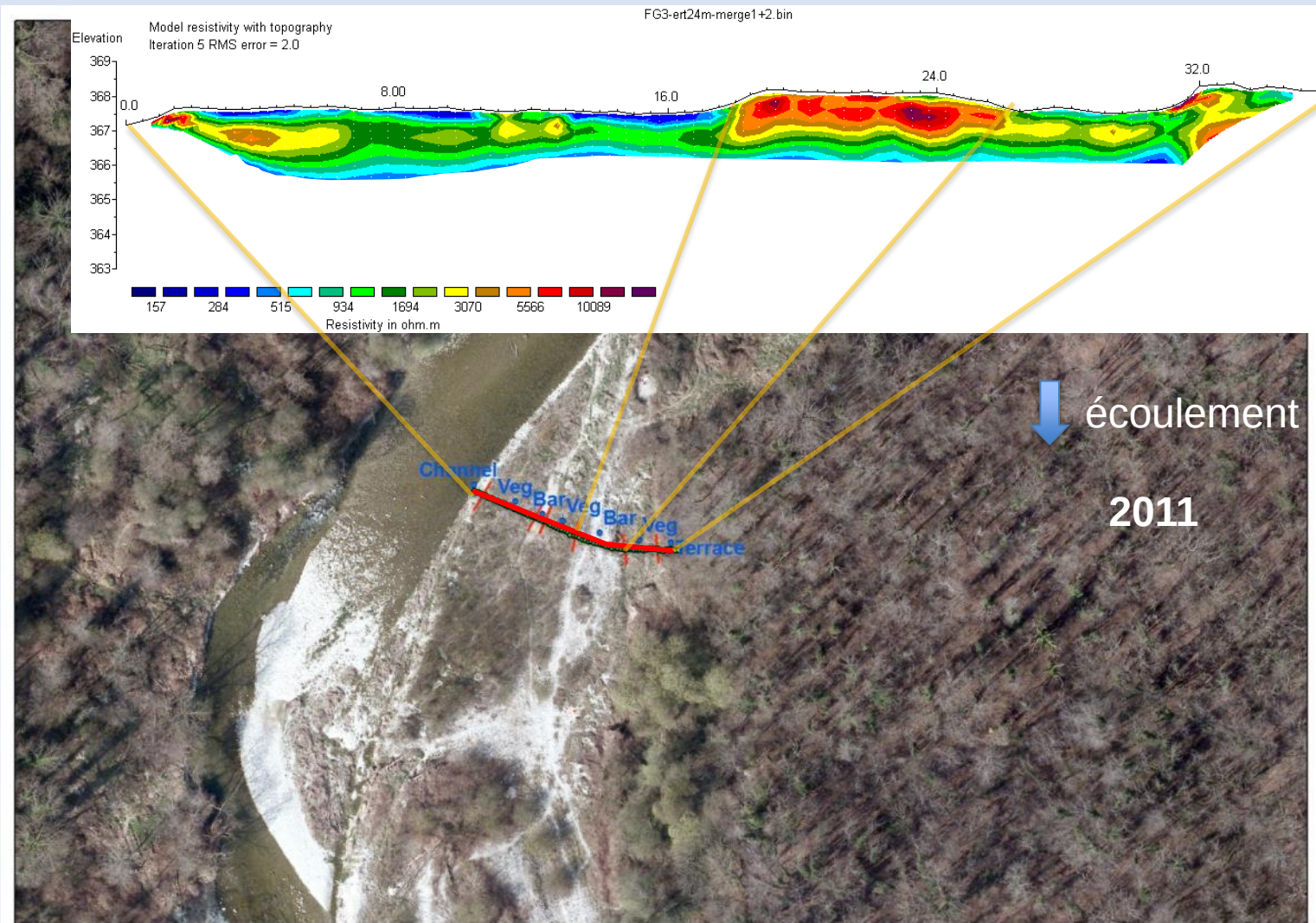
- Méthodes



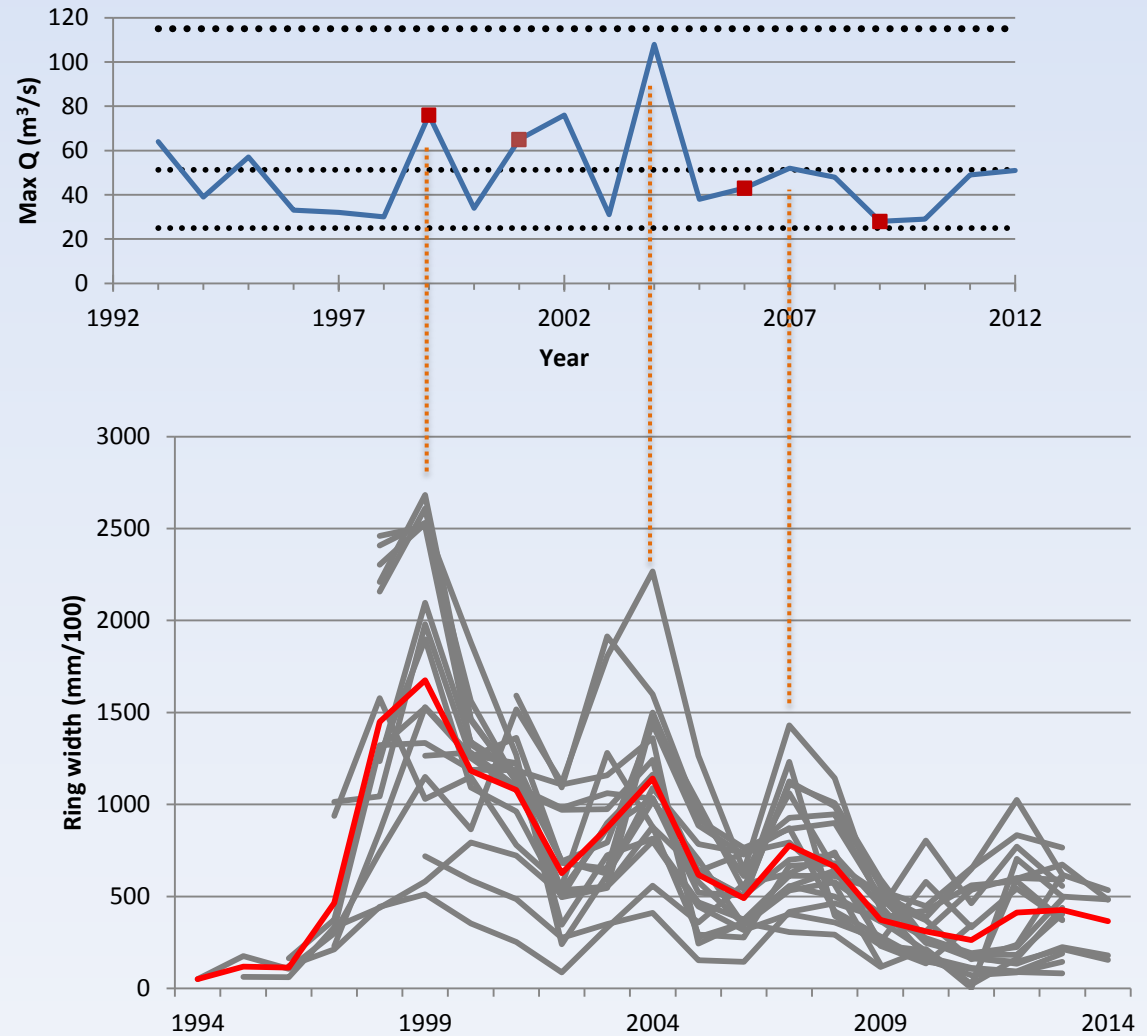
- Méthodes



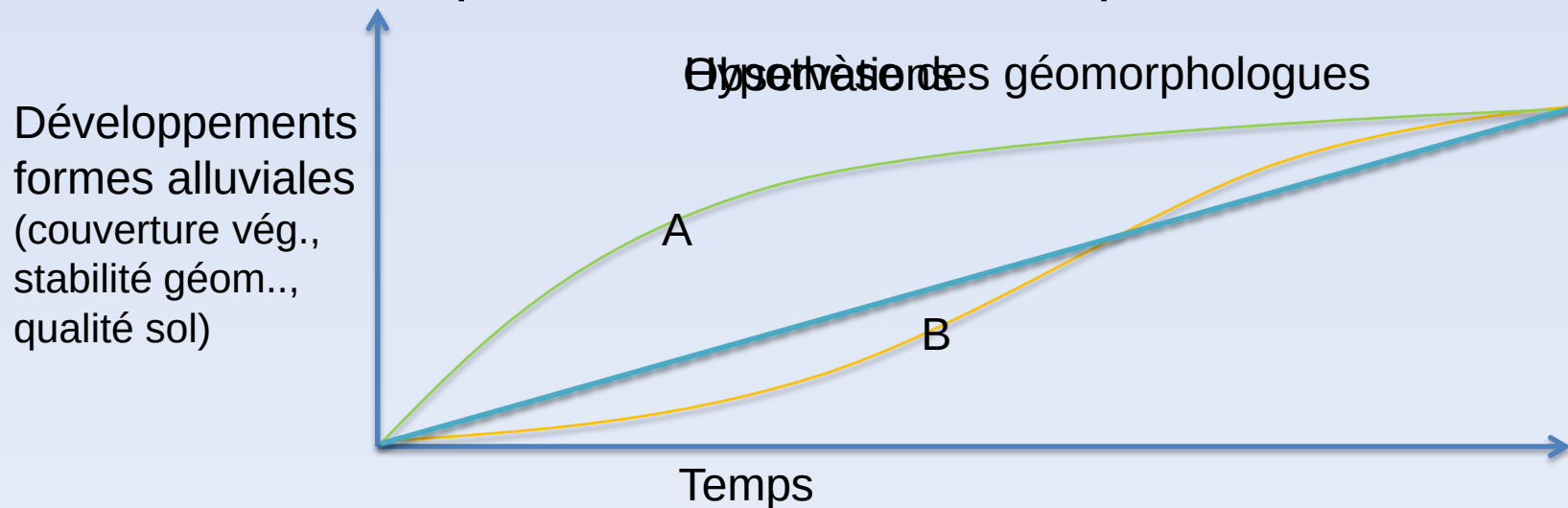
- Méthodes



- Méthodes



- La Zone Critique Alluviale – résultats préliminaire



Vitesse de développement des formes alluviales (succession biogéomorphologique)

$$= f(iE, il, AI, PS)$$

iE = Input externe de matière organique

il = Input interne de matière organique

AI = action ingénieure des plantes

PS = processus du sol

N = profondeur et fluctuations de la nappe (?)

Merci pour l'attention

Plus d'informations

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Bibliographié

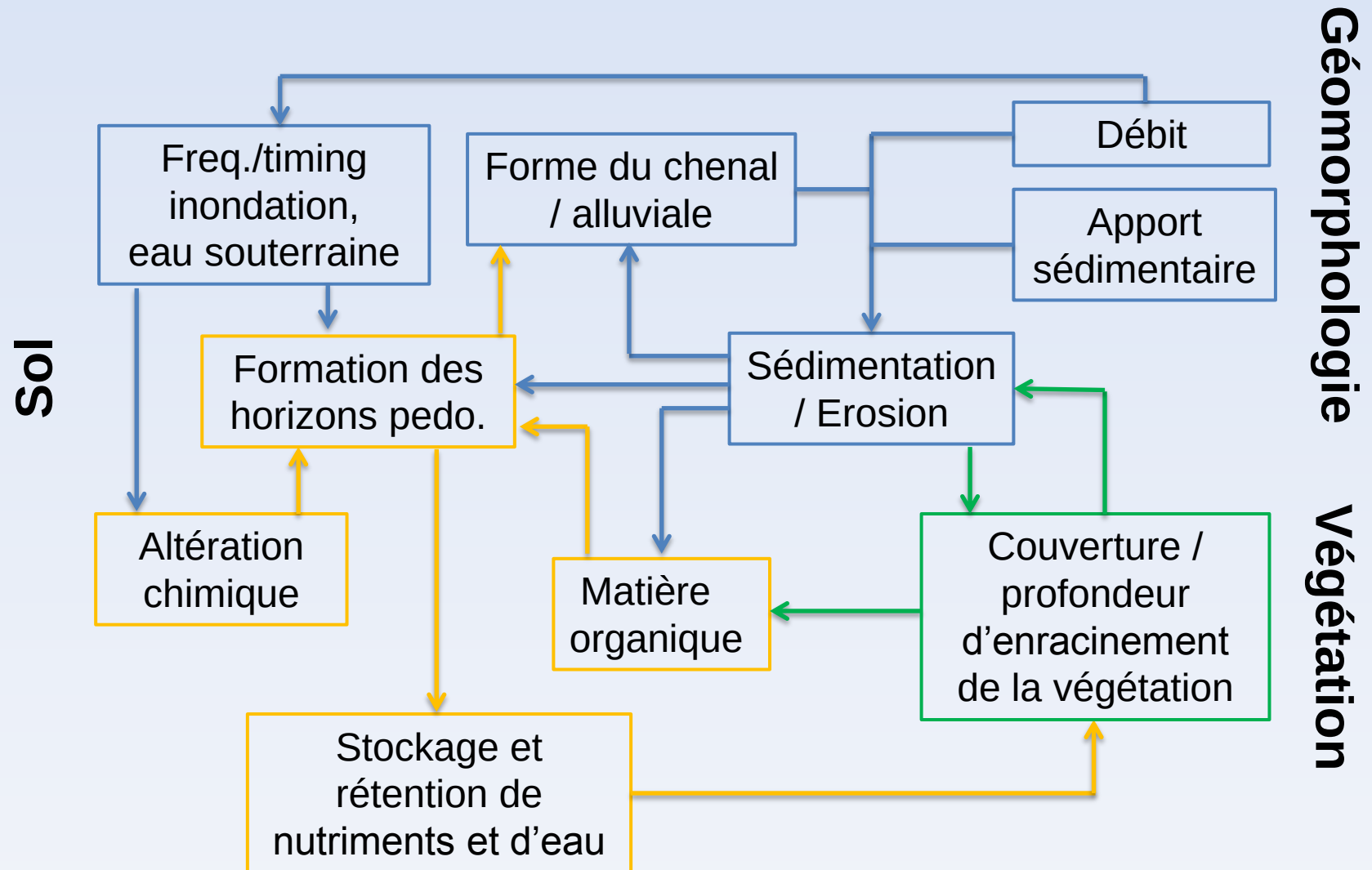
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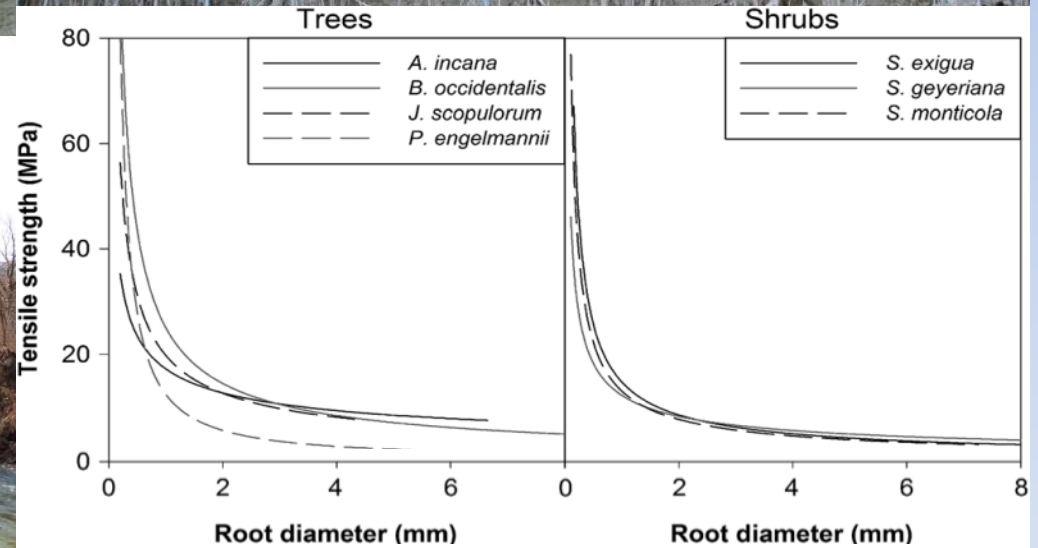
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- Méthodes



- Méthodes



(Polvi et al., 2014)