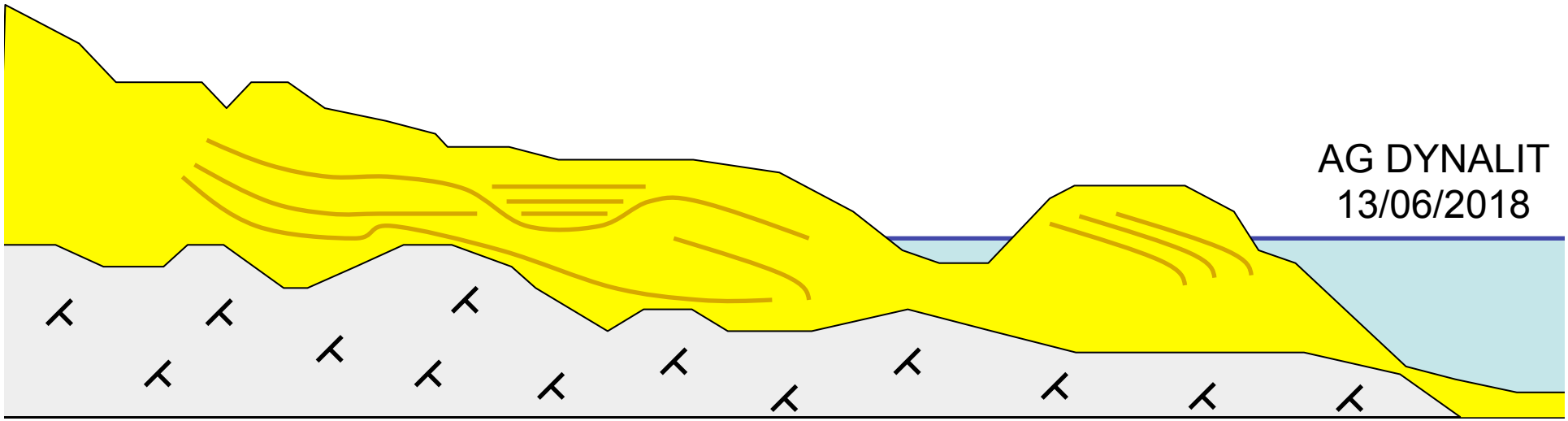
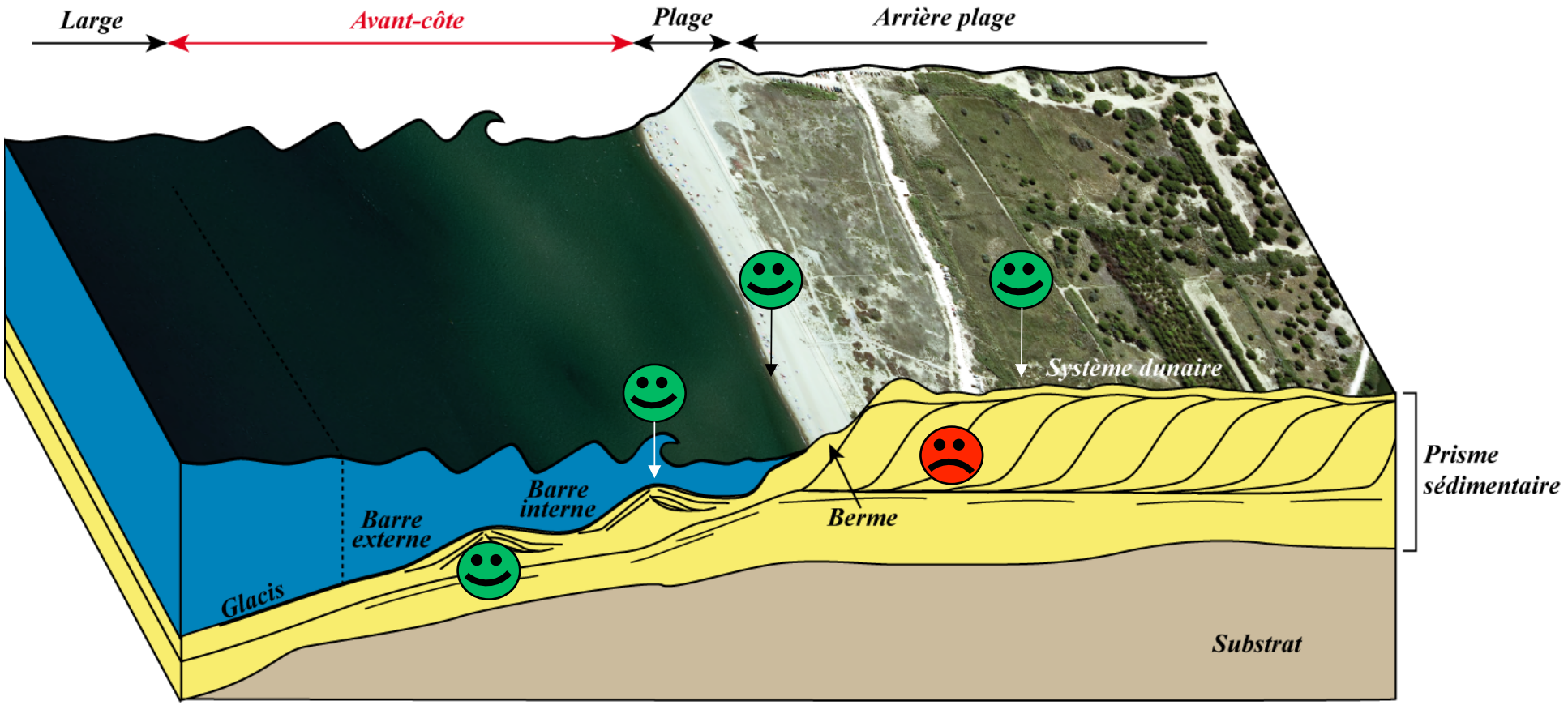
Couplage géoradar, Lidar, datations:

De l'approche historique de l'évolution du trait de côte jusqu'à sa gestion actuelle

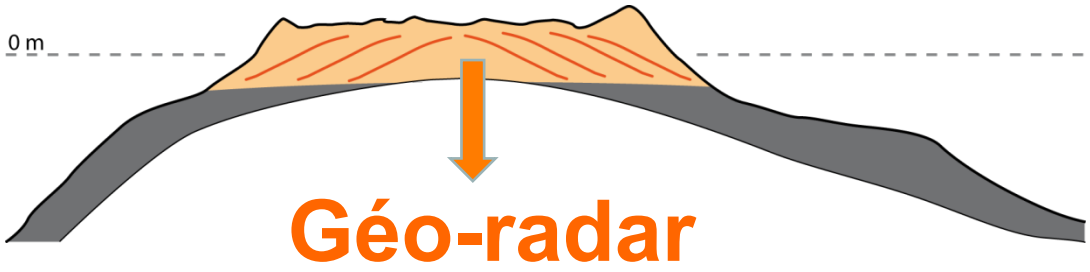
Nicolas Robin, Julie Billy et l'équipe LMUSCA

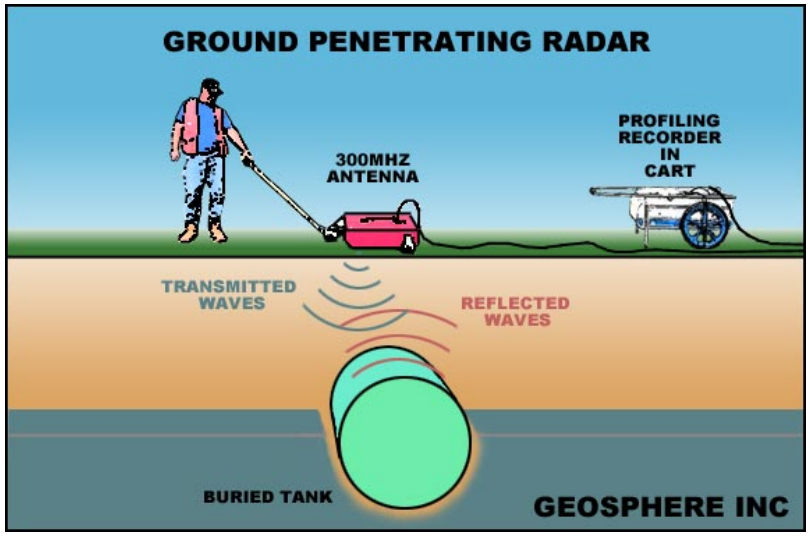


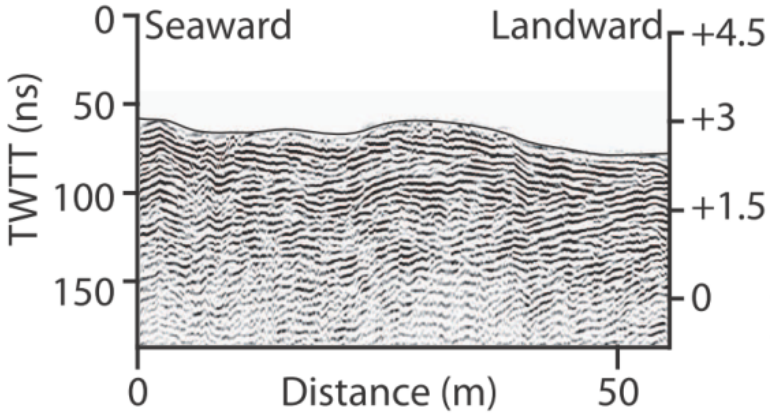
- **Faible connaissance des informations contenu dans le stock sédimentaire à terre**



➢ Données géophysiques



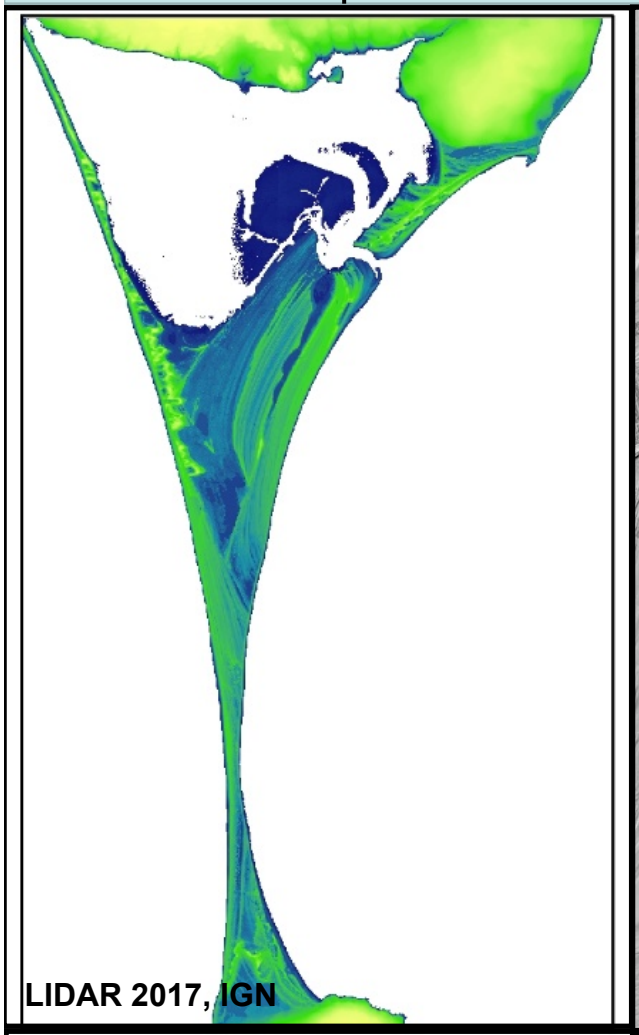


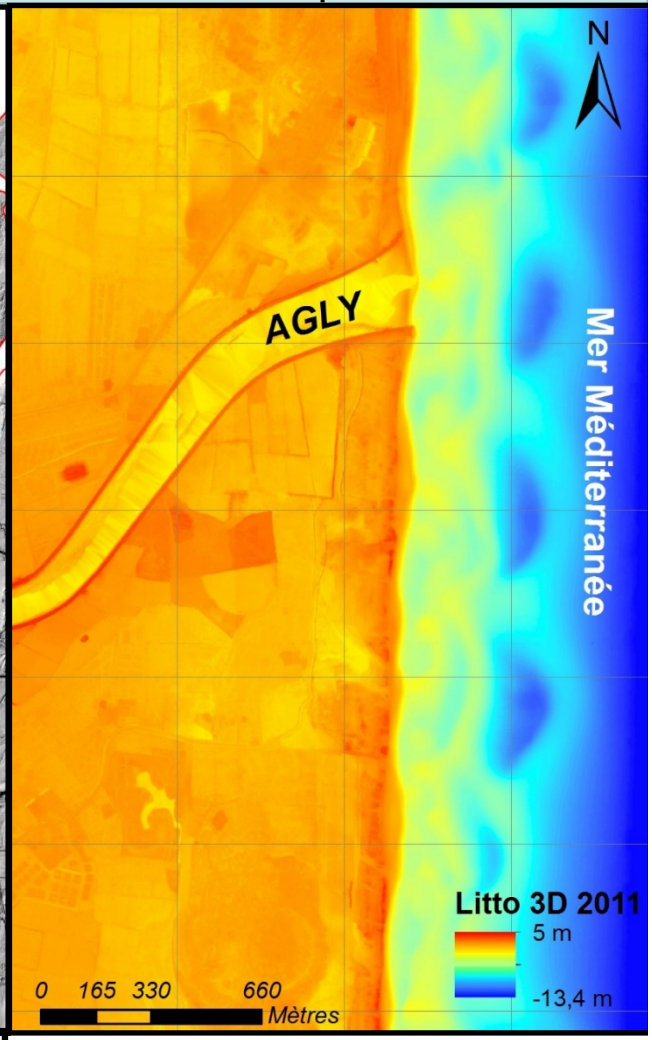


Pénétration

Résolution

(Billy et al., 2014)





Exemple 1
St Pierre et Miquelon

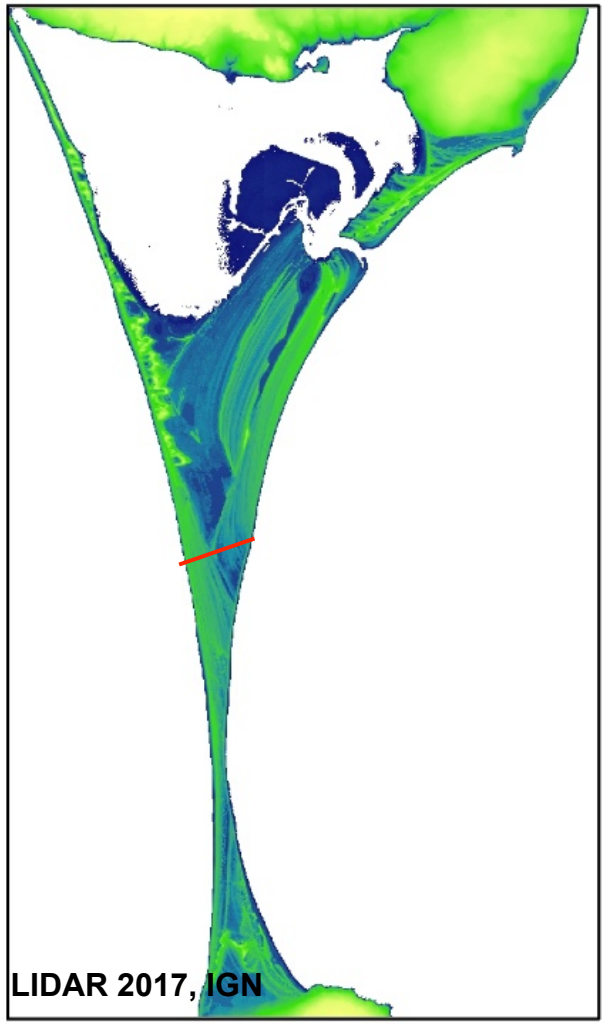
Exemple 2
Pointe d'Agon (Manche)

Exemple 3
Torreilles (Occitanie)

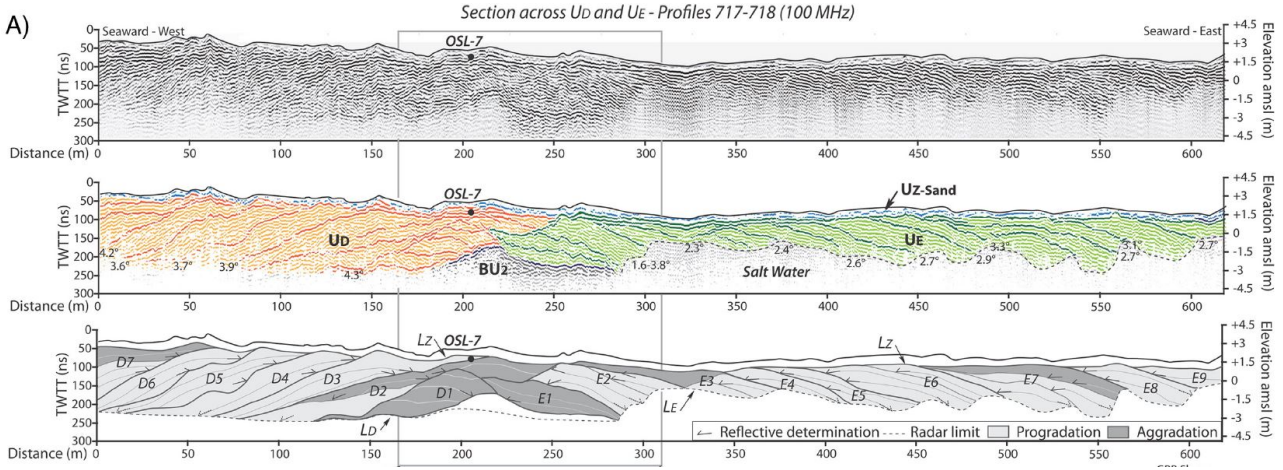
Approche Paléo-environnementale

Approche sociétale de la gestion du TC

1. Modes de construction d'un système



LIDAR 2017, IGN



Billy et al, 2014 (Marine Geology)

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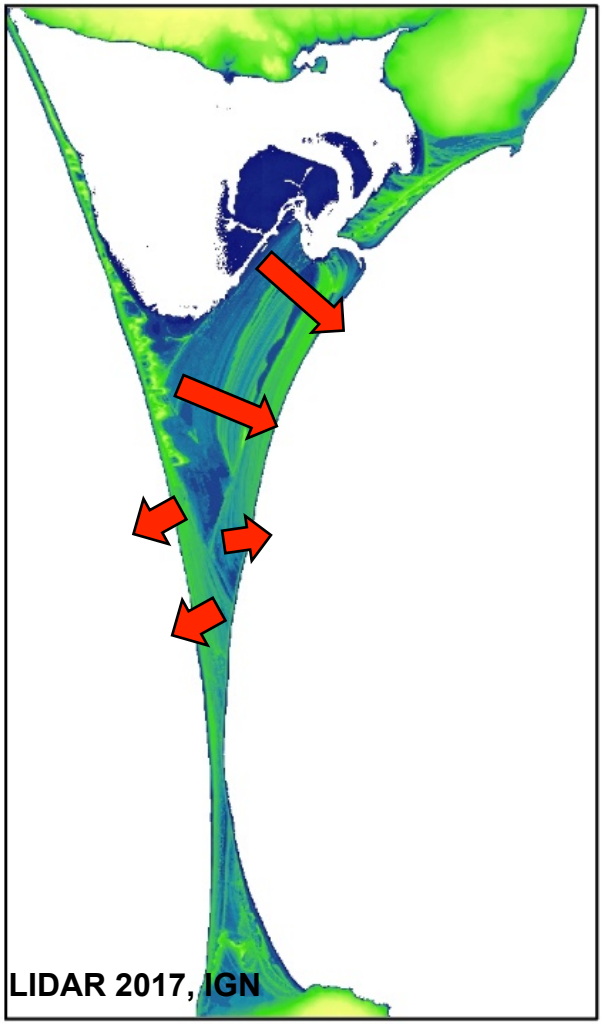

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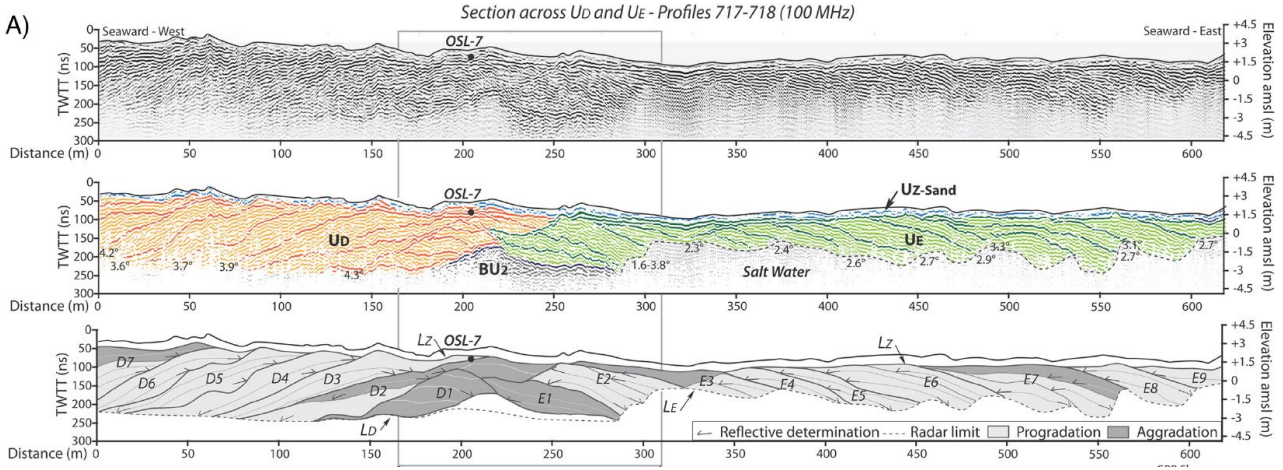

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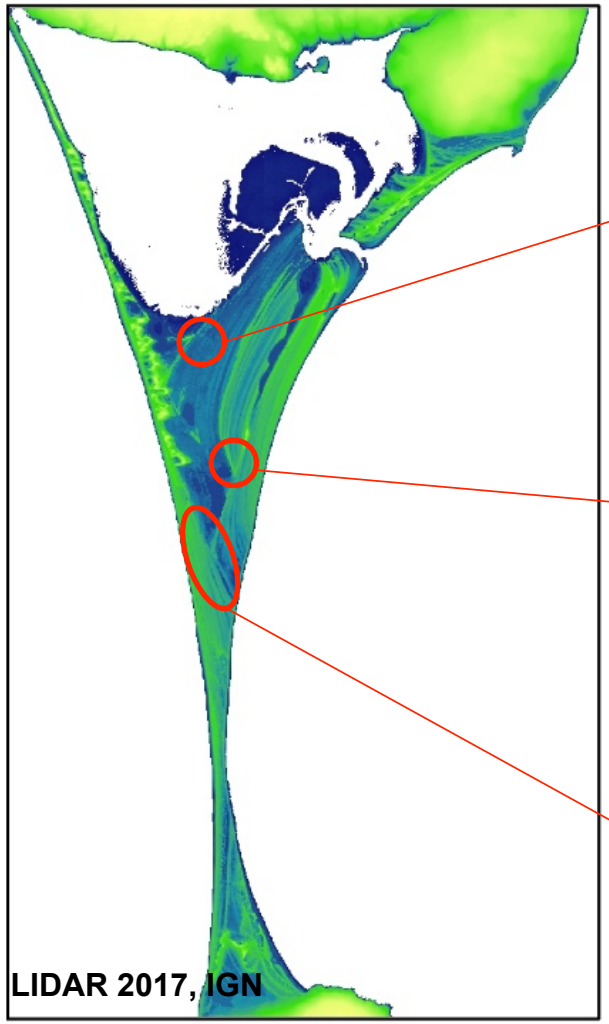
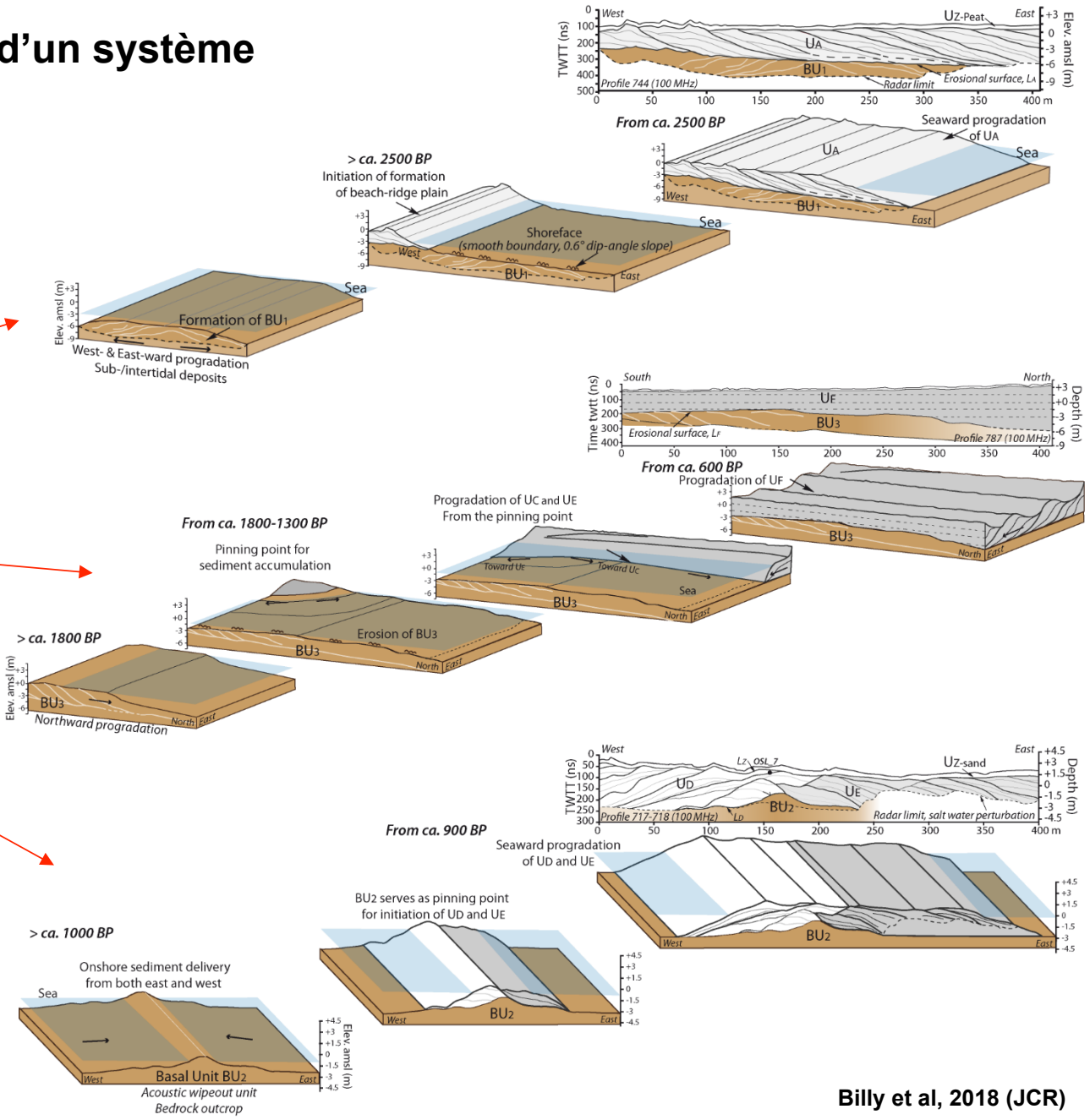
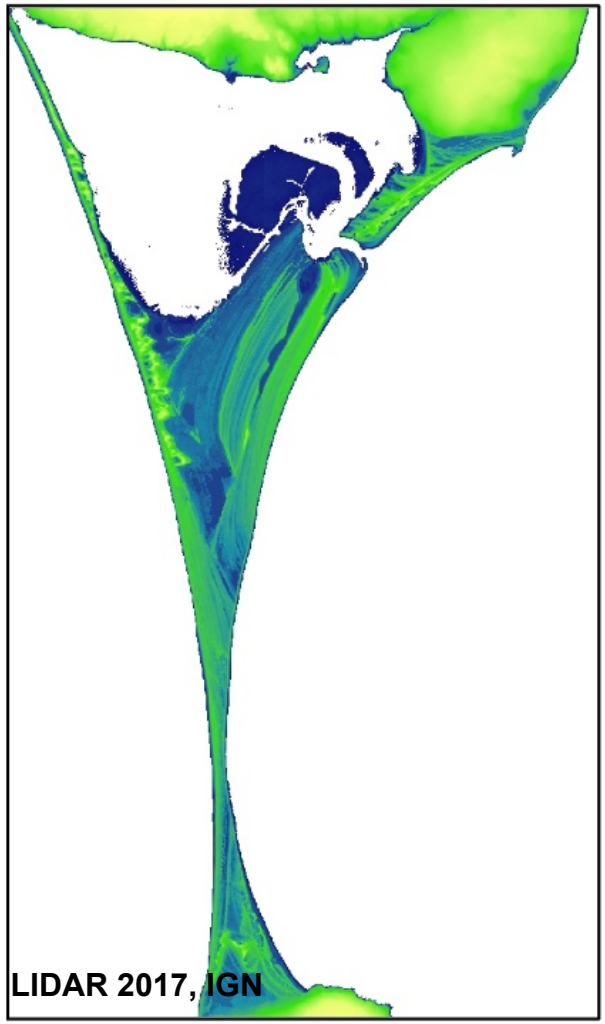


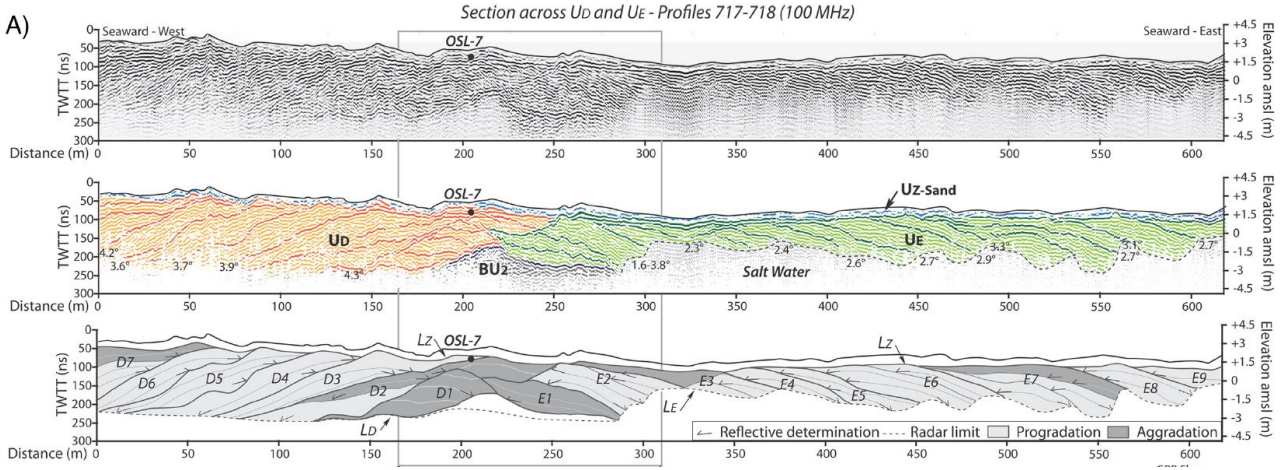


Billy et al, 2018 (JCR)

2. Taux de progradation et taux de transport sédimentaire



LIDAR 2017, IGN



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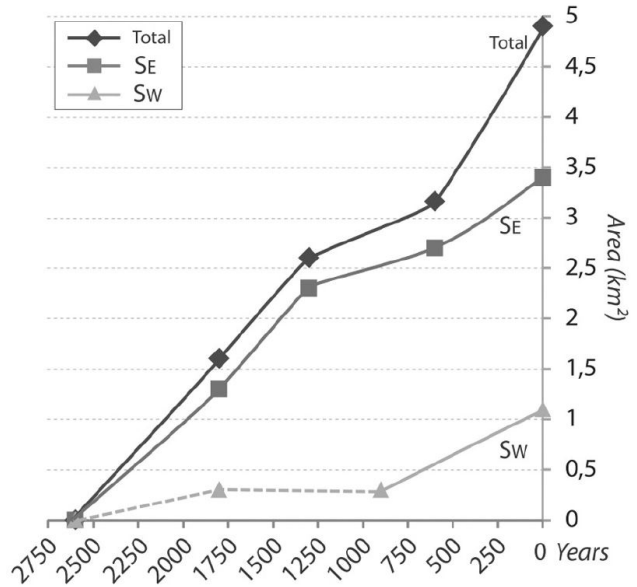

Billy et al, 2015 (Geomorphology)

3. Identification des paléo-tempêtes

Collaboration Univ-Strasbourg
Stage M1 (2012) & M2 (2013) Juliette Baumann

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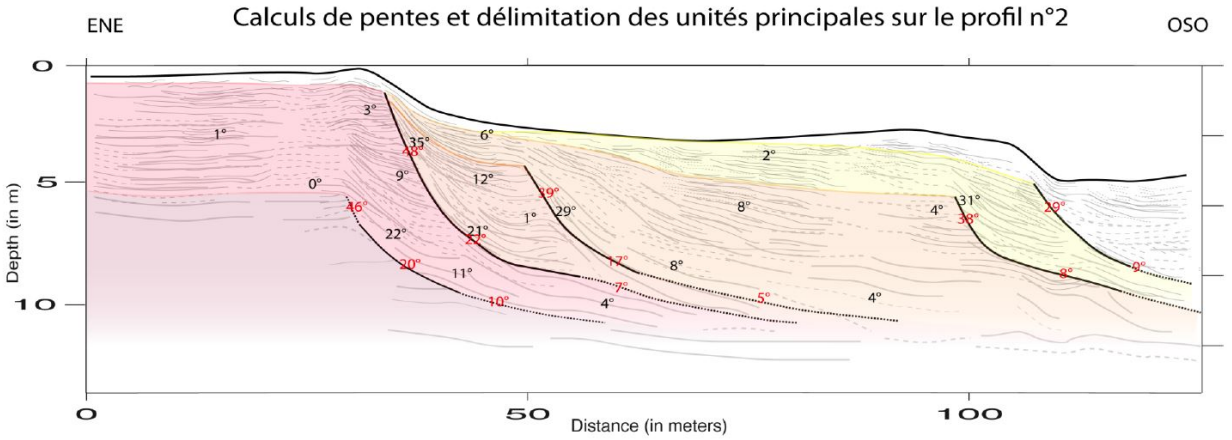

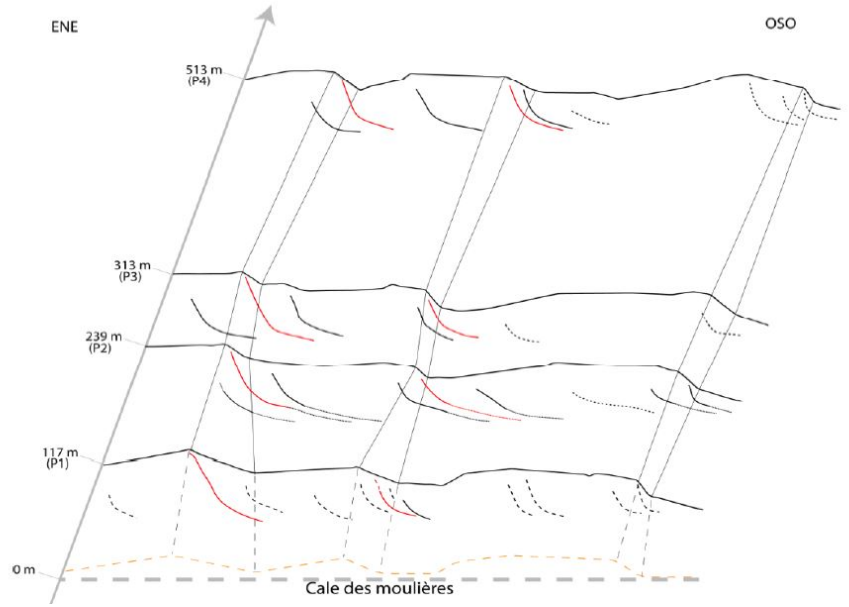

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Baumann et al., 2014 (Near Surface Geoscience)

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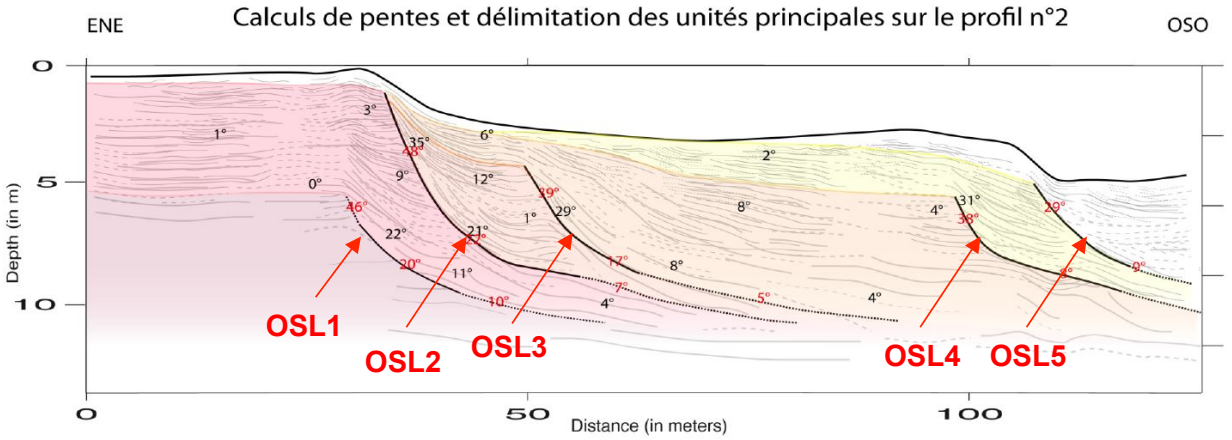

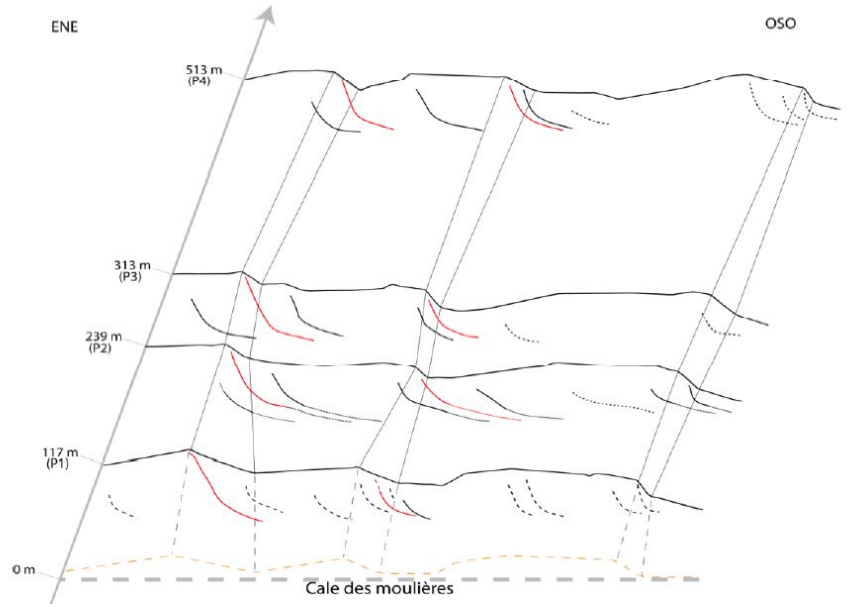

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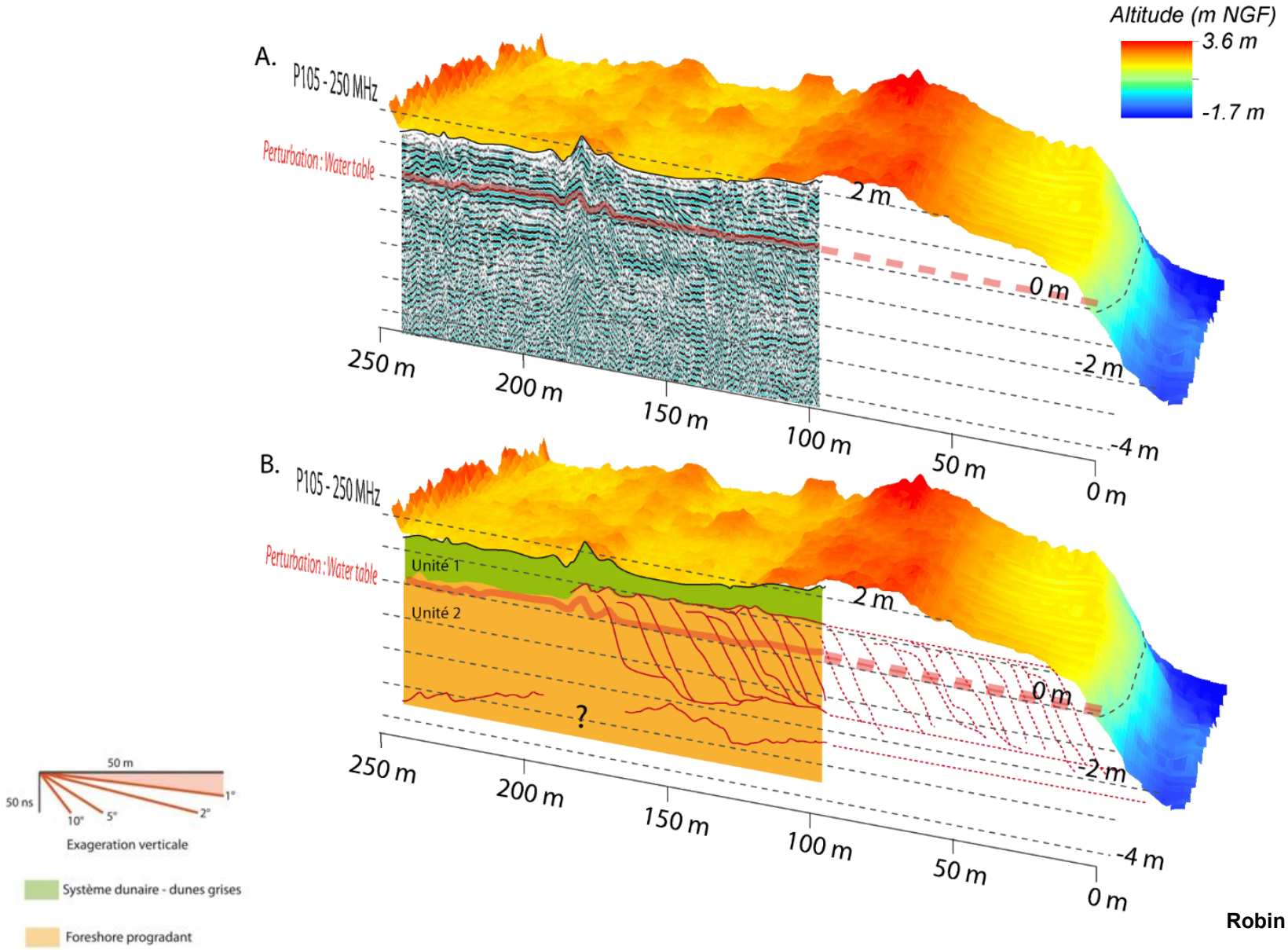
4. Gestion des stocks sédimentaires



Robin et al, 2018 (GCGC)

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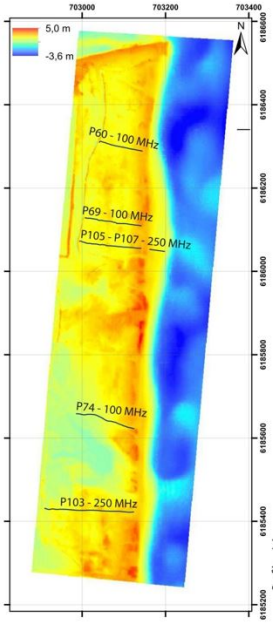

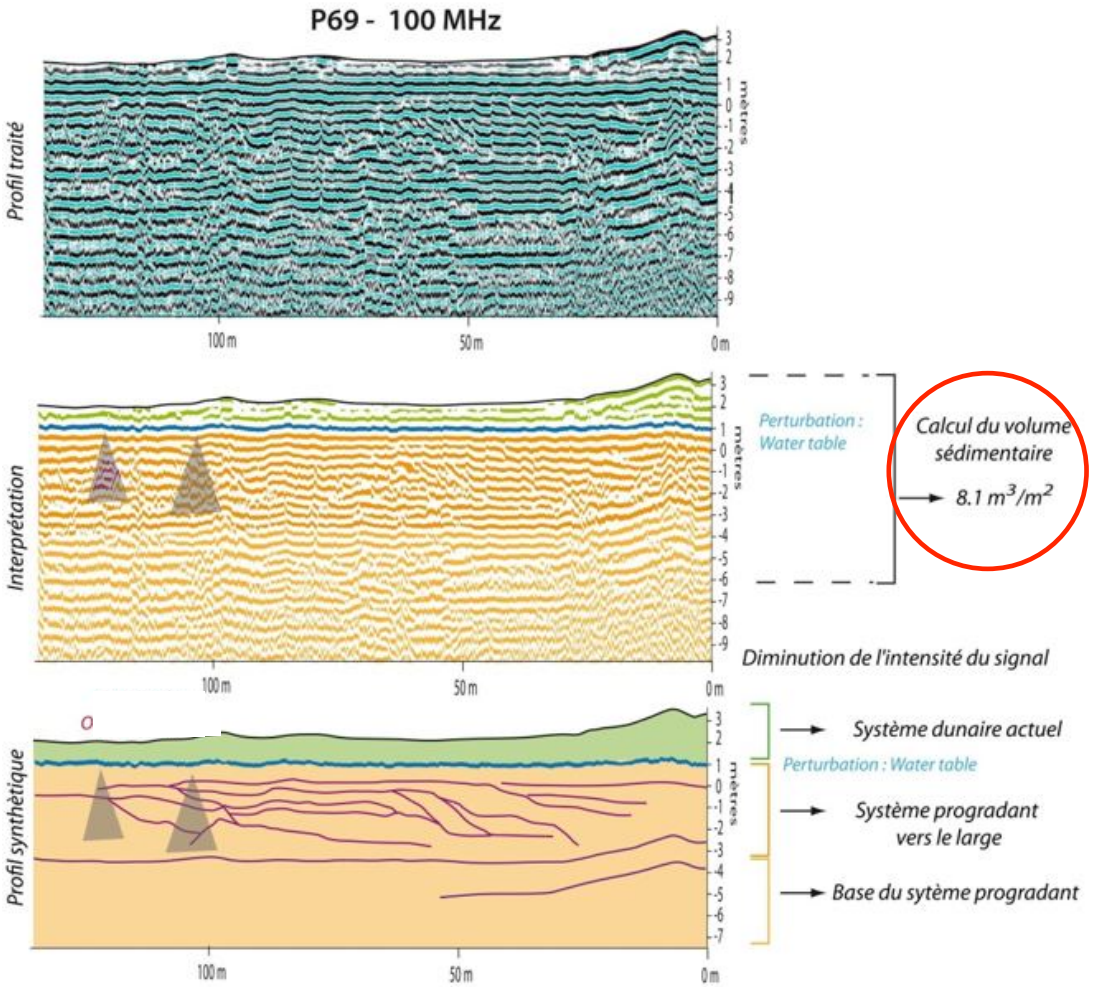

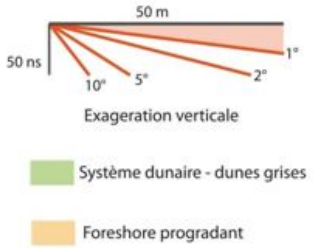

- Plan de gestion des sédiments
- Résilience du système dunaire

Robin et al, 2018 (GCGC)

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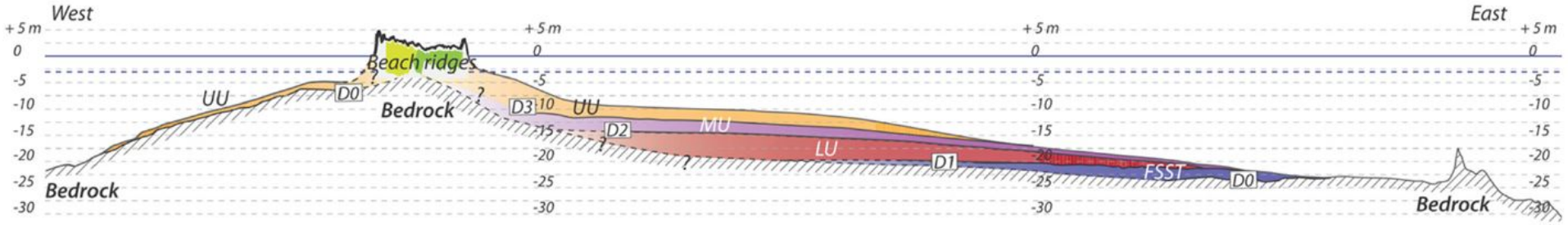

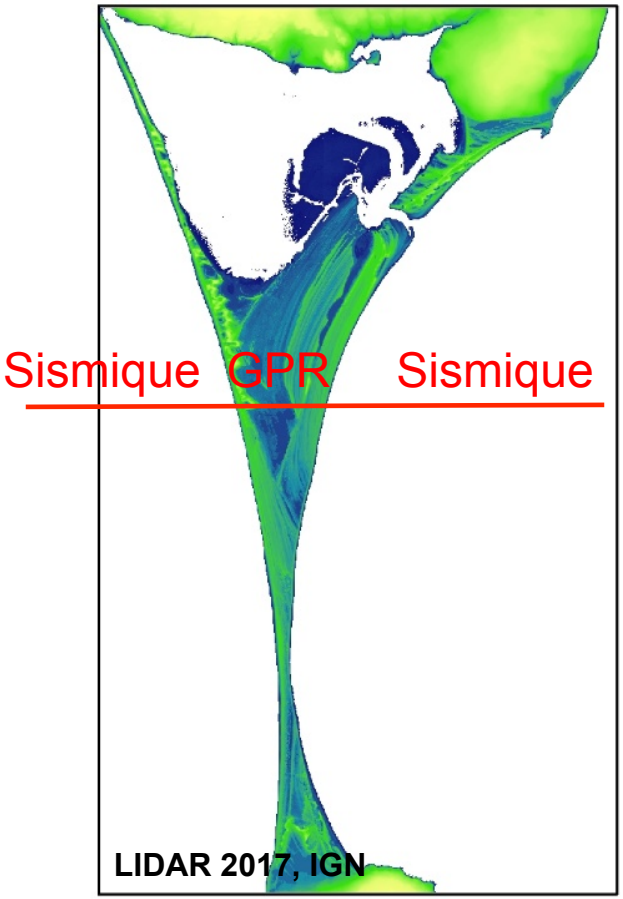

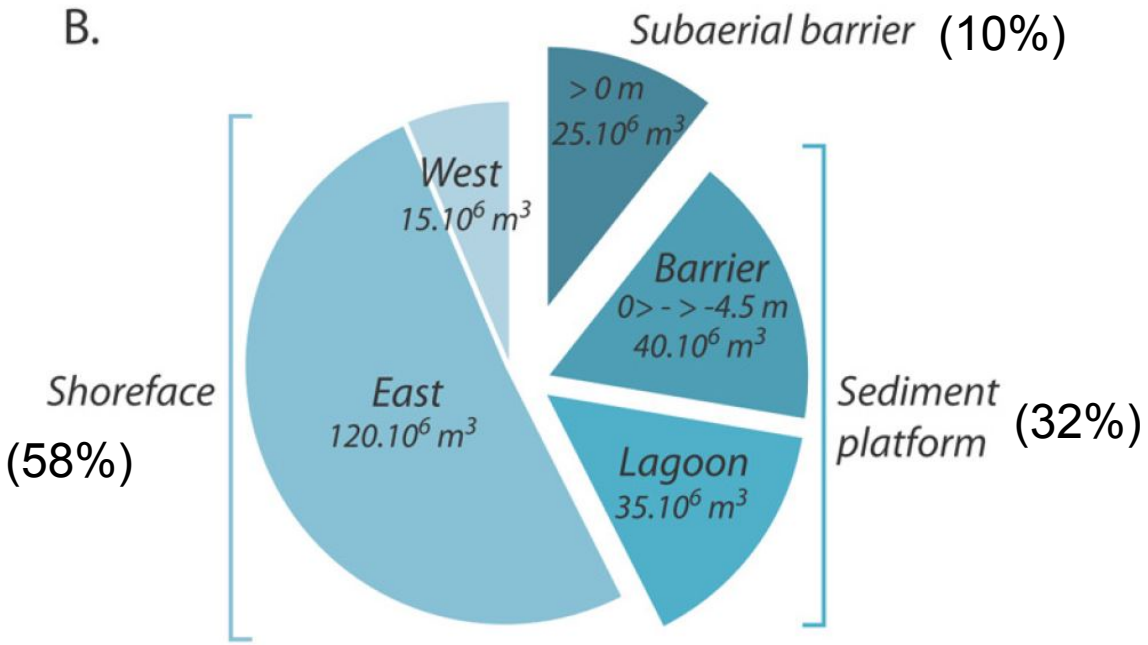

Billy et al, 2018 (Marine Geology)