

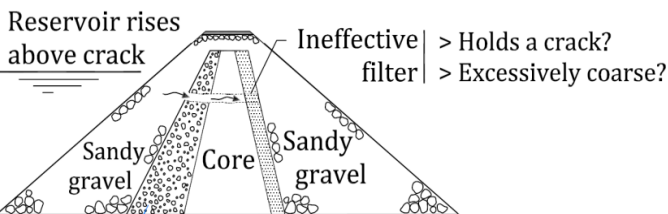
Example

# Limitation of the progression of internal erosion in zoned dams

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## Objective of study

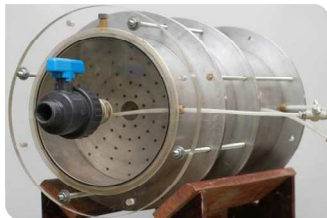
What is the Influence of the upstream zone limiting the progression of erosion?



**Upstream zone** > Fills in the crack in the core? (crack-filling action)  
> Limits the flows? (Flow limiting action)

## Laboratory device

Developed test cell



Allows for two Erosion Tests

CFET  
FLET

Crack Filling →



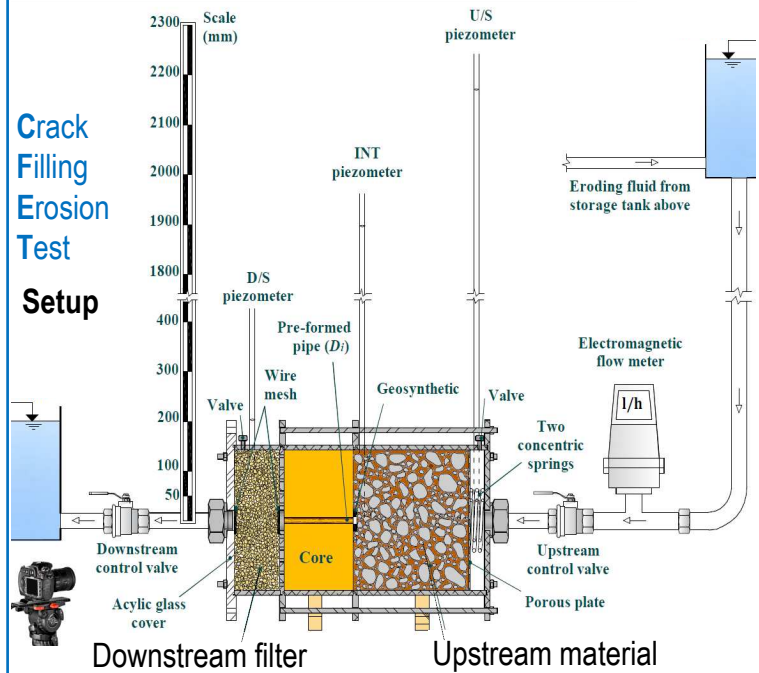
Flow Limiting



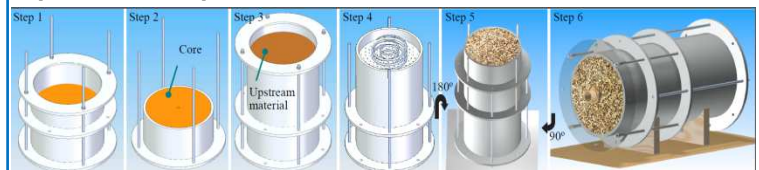
## Testing methodology

Crack Filling Erosion Test

Setup



Specimen compaction



## Results / Conclusion

Typical results (CFET)

