



Supplement of

Fault sealing and caprock integrity for CO₂ storage: an in situ injection experiment

Alba Zappone et al.

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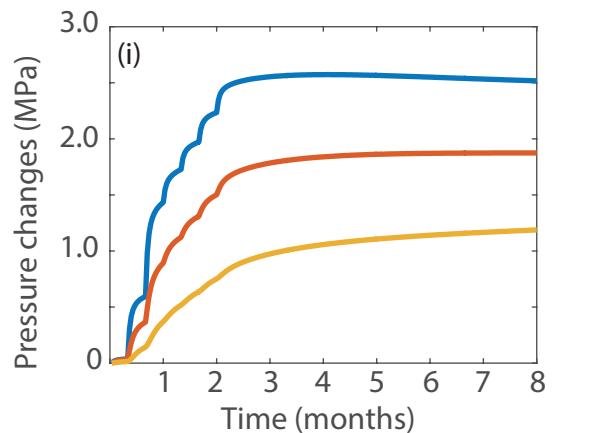
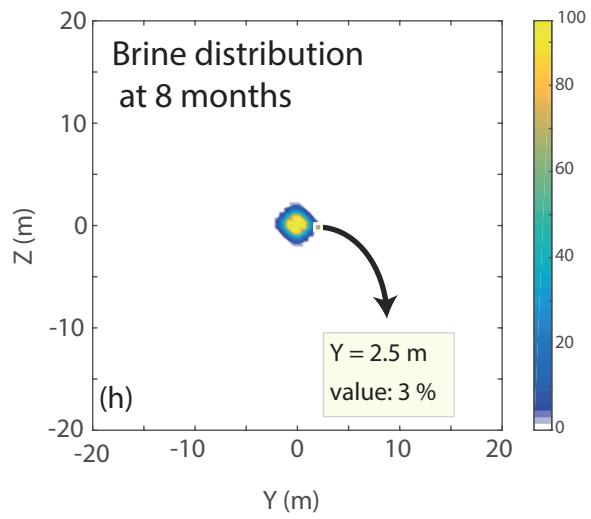
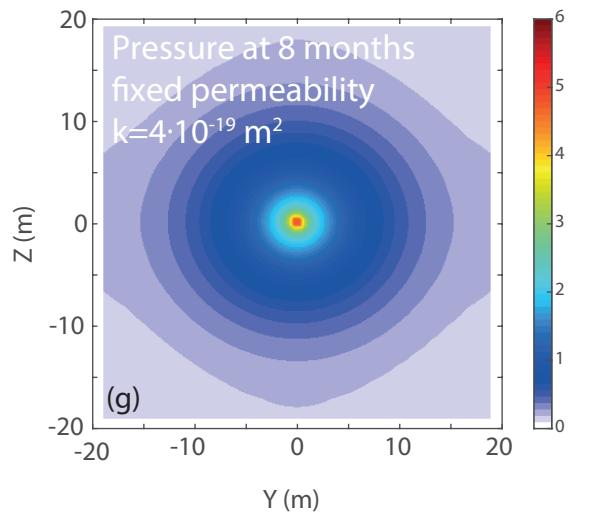
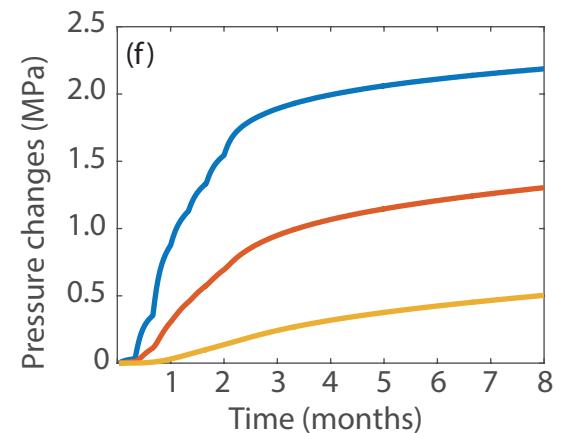
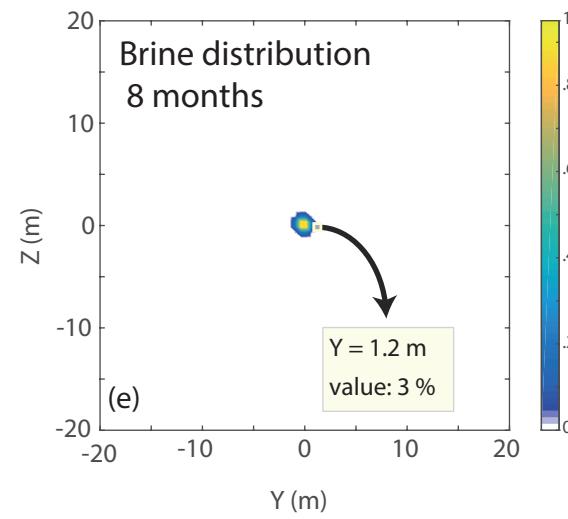
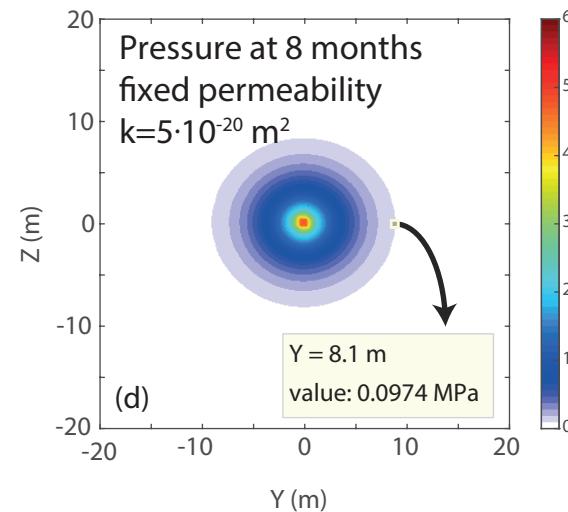
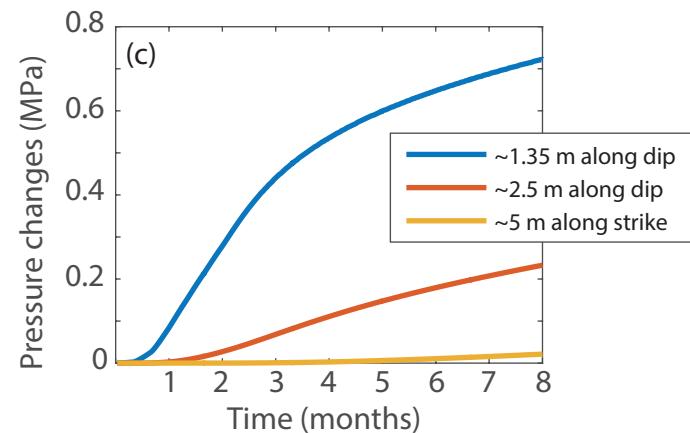
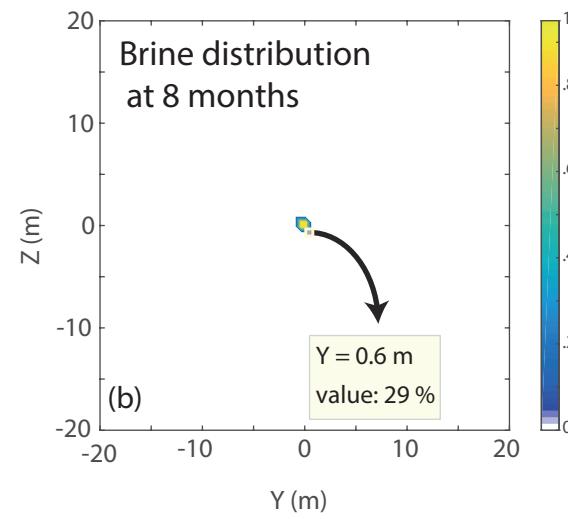
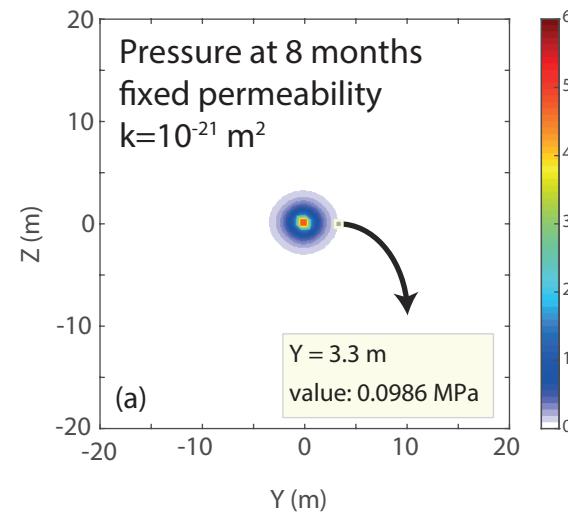
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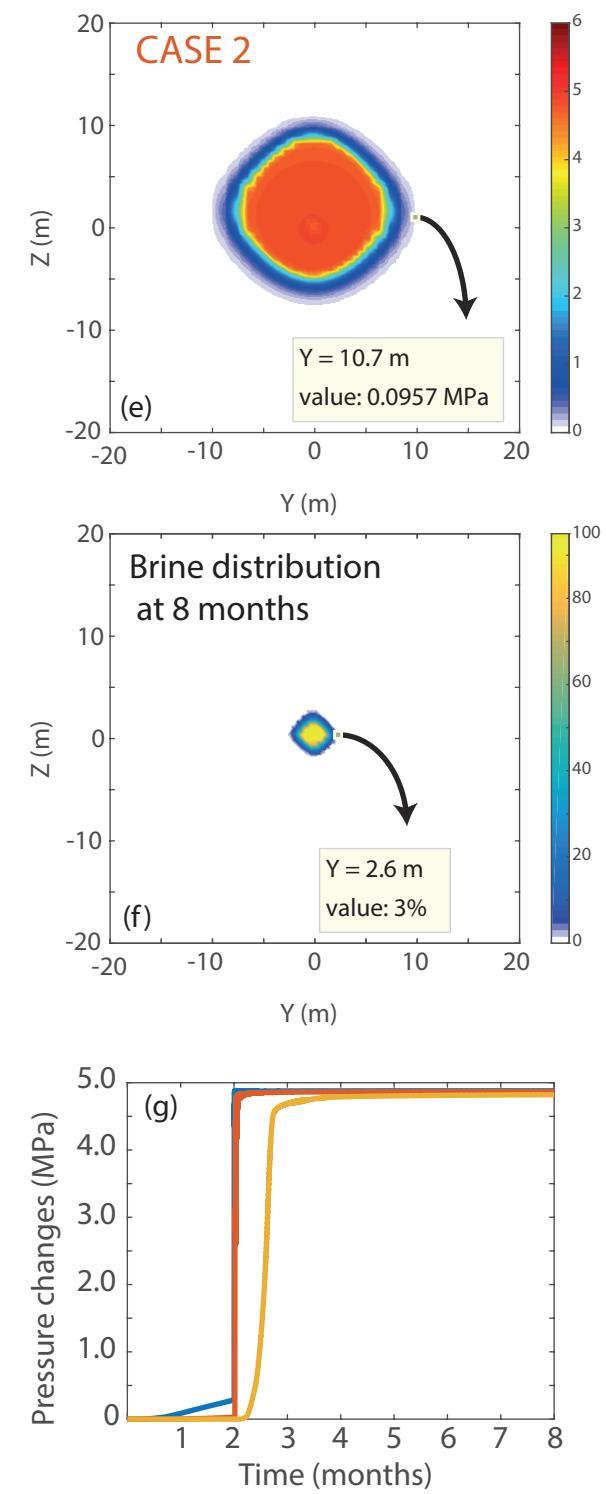
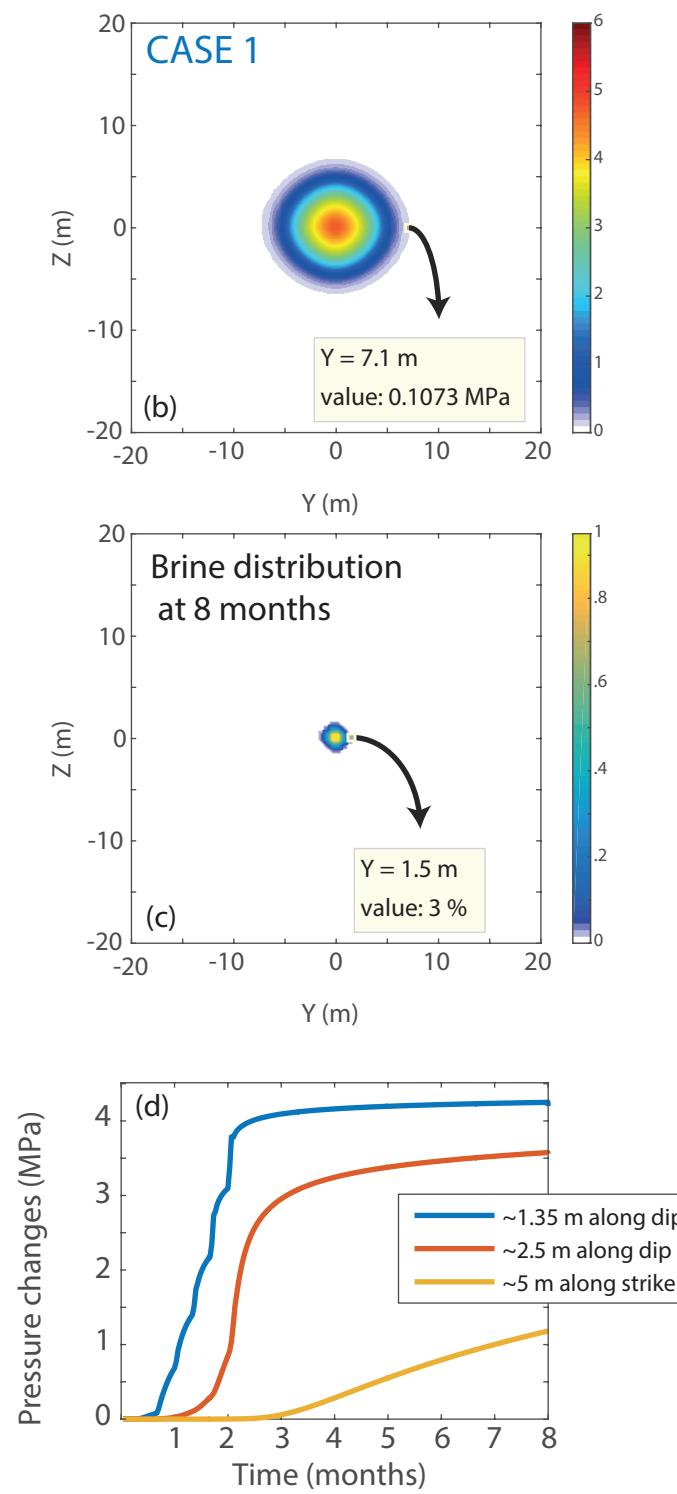
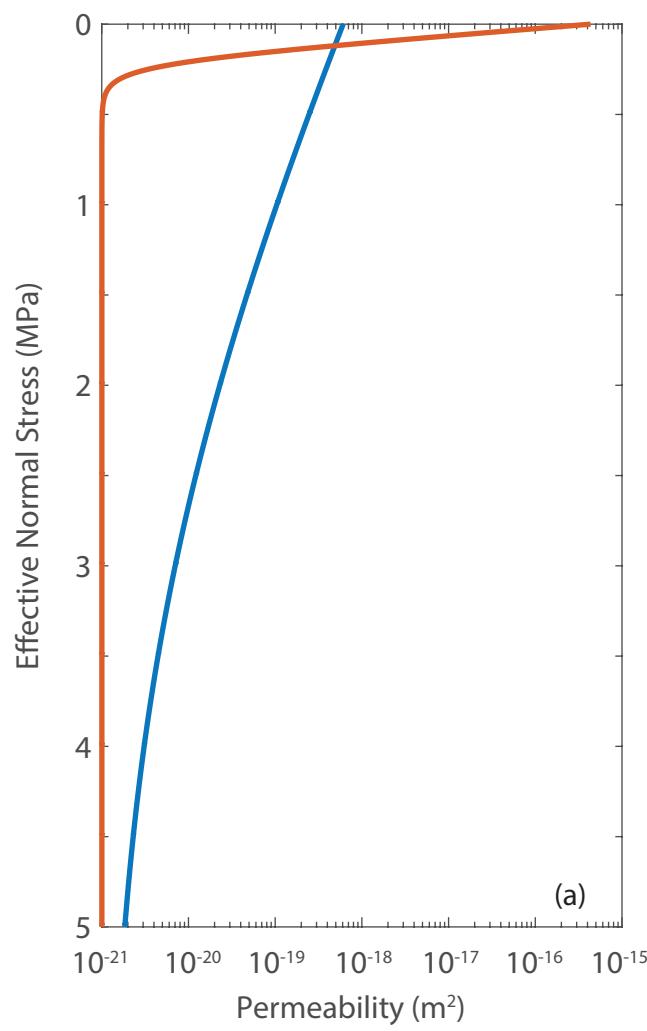
S1: Modelling result: scenario with fixed permeability (modified after Zappone et al., 2018)

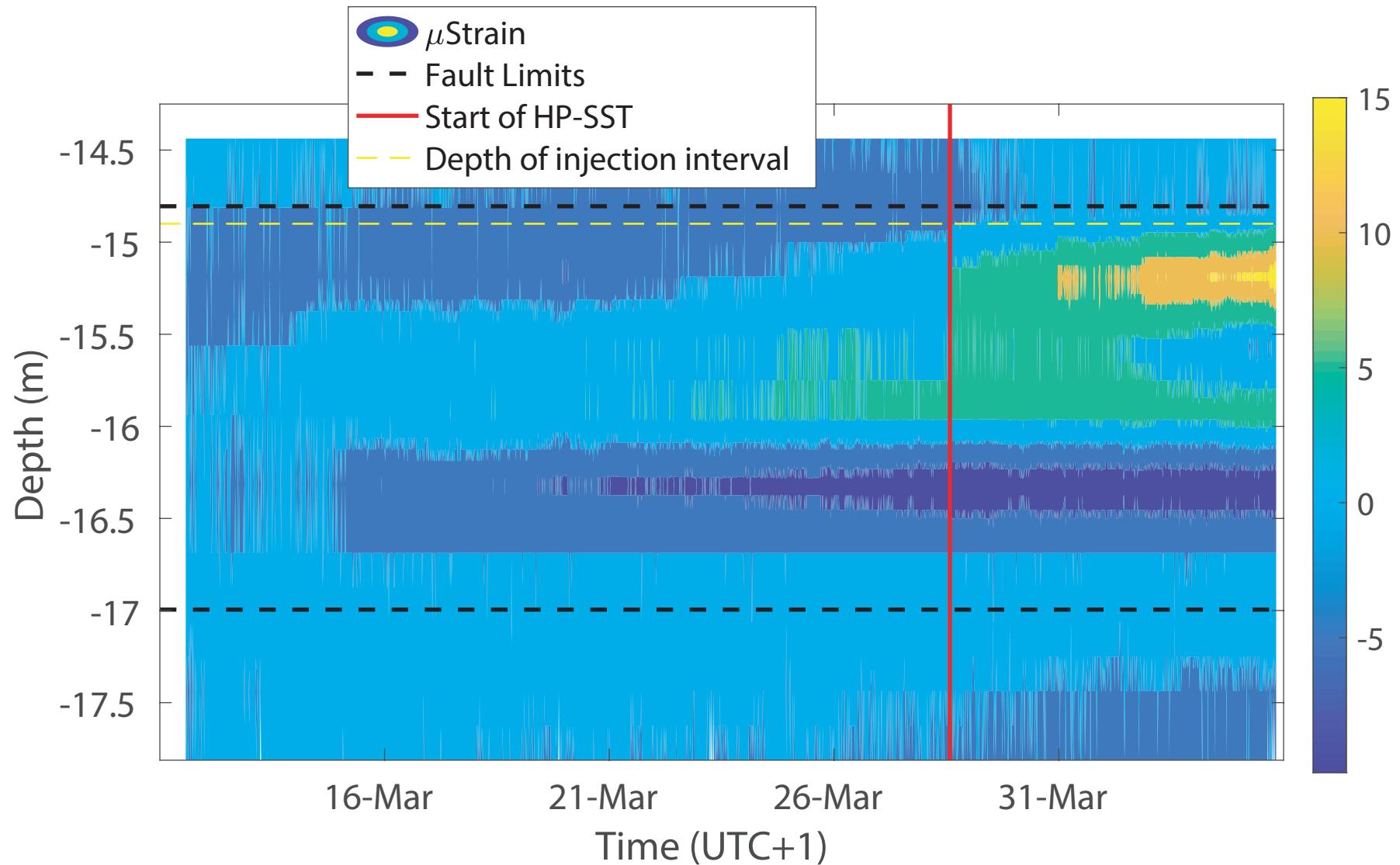
S2: Modelling results: scenario with stress-dependent permeability (modified after Zappone et al., 2018)

S3: Strain recorded at the potentiometer chain during LST and HP-SST in interval Q4 (Table 3)

S4: Summary of down-hole equipment installed in the boreholes of the CS-D experiment







	BCS-D1	BCS-D2	BCS-D3	BCS-D4	BCS-D5	BCS-D6	BCS-D7
4- fold packer system	X						
6- fold packer system		X					
PVC casing			X	X	X	X	X
DSS FO cable	X	X	X	X	X	X	X
Cabled Electrodes			X	X			
3-C geophone (bottom)				X	X	X	X
3-C geophone chain			X				
Piezo acoustic sensors					X	X	
Chain potentiometers					X		
SIMFIP probe						X	