

SUPPLEMENTARY MATERIALS

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**Unraveling spatial and temporal heterogeneities of very slow rock-slope
deformations with targeted DInSAR analyses**

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Supplementary table 1. List of images- SqueeSAR ascending dataset

Date	Sat	Track	Date	Sat	Track
23/03/2015	SNT	15	30/03/2017	SNT	15
04/04/2015	SNT	15	05/04/2017	SNT	15
16/04/2015	SNT	15	11/04/2017	SNT	15
28/04/2015	SNT	15	17/04/2017	SNT	15
10/05/2015	SNT	15	23/04/2017	SNT	15
22/05/2015	SNT	15	29/04/2017	SNT	15
03/06/2015	SNT	15	05/05/2017	SNT	15
15/06/2015	SNT	15	11/05/2017	SNT	15
27/06/2015	SNT	15	23/05/2017	SNT	15
09/07/2015	SNT	15	29/05/2017	SNT	15
21/07/2015	SNT	15	04/06/2017	SNT	15
02/08/2015	SNT	15	10/06/2017	SNT	15
14/08/2015	SNT	15	22/06/2017	SNT	15
26/08/2015	SNT	15			
07/09/2015	SNT	15			
19/09/2015	SNT	15			
01/10/2015	SNT	15			
13/10/2015	SNT	15			
25/10/2015	SNT	15			
06/11/2015	SNT	15			
18/11/2015	SNT	15			
30/11/2015	SNT	15			
12/12/2015	SNT	15			
24/12/2015	SNT	15			
17/11/2016	SNT	15			
29/01/2016	SNT	15			
05/03/2016	SNT	15			
17/03/2016	SNT	15			
29/03/2016	SNT	15			
10/04/2016	SNT	15			
22/04/2016	SNT	15			
04/05/2016	SNT	15			
16/05/2016	SNT	15			
28/05/2016	SNT	15			
09/06/2016	SNT	15			
15/07/2016	SNT	15			
27/07/2016	SNT	15			
08/08/2016	SNT	15			
01/09/2016	SNT	15			
13/09/2016	SNT	15			
25/09/2016	SNT	15			
07/10/2016	SNT	15			
19/10/2016	SNT	15			
31/10/2016	SNT	15			
12/11/2016	SNT	15			
24/11/2016	SNT	15			
06/12/2016	SNT	15			
18/12/2016	SNT	15			
30/12/2016	SNT	15			
11/10/2017	SNT	15			
23/01/2017	SNT	15			
04/02/2017	SNT	15			
16/02/2017	SNT	15			
28/02/2017	SNT	15			
06/03/2017	SNT	15			
12/03/2017	SNT	15			
18/03/2017	SNT	15			
24/03/2017	SNT	15			

Supplementary table 2. List of images- SqueeSAR descending dataset

Date	Sat	Track	Date	Sat	Track
22/03/2015	SNT	168	15/02/2017	SNT	168
15/04/2015	SNT	168	27/02/2017	SNT	168
27/04/2015	SNT	168	11/03/2017	SNT	168
09/05/2015	SNT	168	17/03/2017	SNT	168
21/05/2015	SNT	168	23/03/2017	SNT	168
02/06/2015	SNT	168	29/03/2017	SNT	168
14/06/2015	SNT	168	04/04/2017	SNT	168
26/06/2015	SNT	168	10/04/2017	SNT	168
08/07/2015	SNT	168	16/04/2017	SNT	168
20/07/2015	SNT	168	22/04/2017	SNT	168
01/08/2015	SNT	168	28/04/2017	SNT	168
13/08/2015	SNT	168	04/05/2017	SNT	168
25/08/2015	SNT	168	10/05/2017	SNT	168
06/09/2015	SNT	168	16/05/2017	SNT	168
18/09/2015	SNT	168	22/05/2017	SNT	168
30/09/2015	SNT	168	28/05/2017	SNT	168
12/10/2015	SNT	168	03/06/2017	SNT	168
24/10/2015	SNT	168	09/06/2017	SNT	168
05/11/2015	SNT	168	15/06/2017	SNT	168
17/11/2015	SNT	168	21/06/2017	SNT	168
29/11/2015	SNT	168	27/06/2017	SNT	168
23/12/2015	SNT	168	03/07/2017	SNT	168
04/10/2016	SNT	168			
28/01/2016	SNT	168			
09/02/2016	SNT	168			
21/02/2016	SNT	168			
04/03/2016	SNT	168			
16/03/2016	SNT	168			
09/04/2016	SNT	168			
21/04/2016	SNT	168			
03/05/2016	SNT	168			
15/05/2016	SNT	168			
27/05/2016	SNT	168			
08/06/2016	SNT	168			
14/07/2016	SNT	168			
26/07/2016	SNT	168			
07/08/2016	SNT	168			
19/08/2016	SNT	168			
31/08/2016	SNT	168			
12/09/2016	SNT	168			
24/09/2016	SNT	168			
30/09/2016	SNT	168			
06/10/2016	SNT	168			
18/10/2016	SNT	168			
30/10/2016	SNT	168			
11/11/2016	SNT	168			
23/11/2016	SNT	168			
05/12/2016	SNT	168			
17/12/2016	SNT	168			
29/12/2016	SNT	168			
10/01/2017	SNT	168			
03/02/2017	SNT	168			

Supplementary table 3. Interferograms derived by Sentinel-1 SLC image processing.

Geometry	Master (date)	Slave (date)	Δt (days) ¹	B_{perp} (m) ¹
Descending	24/08/2016	17/09/2016	24	66.66
Descending	17/09/2016	11/10/2016	24	21.18
Descending	8/06/2017	2/07/2017	24	129.86
Descending	2/07/2017	26/07/2017	24	23.71
Descending	26/07/2017	19/08/2017	24	20.05
Descending	19/08/2017	12/09/2017	24	6.07
Descending	12/09/2017	6/10/2017	24	49.59
Descending	6/10/2017	30/10/2017	24	30.37
Descending	9/06/2018	3/07/2018	24	70.97
Descending	3/07/2018	27/07/2018	24	13.88
Descending	27/07/2018	20/08/2018	24	54.43
Descending	20/08/2018	13/09/2018	24	44.89
Descending	13/09/2018	7/10/2018	24	65.18
Descending	7/10/2018	31/10/2018	24	46.84
Descending	16/06/2019	10/07/2019	24	82.77
Descending	10/07/2019	3/08/2019	24	12.09
Descending	3/08/2019	27/08/2019	24	20.38
Descending	27/08/2019	20/09/2019	24	13.92
Descending	20/09/2019	14/10/2019	24	49.20
Descending	1/06/2016	23/10/2016	144	66.56
Descending	8/06/2017	30/10/2017	144	69.97
Descending	9/06/2018	19/10/2018	132	46.55
Descending	22/06/2019	20/10/2019	120	16.66
Descending	23/10/2016	8/06/2017	228	116.63
Descending	30/10/2017	15/06/2018	228	25
Descending	19/10/2018	16/06/2019	240	70.99
Descending	7/07/2016	2/07/2017	360	96.12
Descending	19/07/2016	20/07/2017	366	9.85
Descending	12/08/2016	13/08/2017	366	12.19
Descending	24/08/2016	25/08/2017	366	47.60
Descending	5/09/2016	6/09/2017	366	20.24
Descending	17/09/2016	18/09/2017	366	37.68
Descending	29/09/2016	30/09/2017	366	55.62
Descending	11/10/2016	12/10/2017	366	55.62
Descending	23/10/2016	24/10/2017	366	75.24
Descending	8/06/2017	9/06/2018	366	127.72
Descending	20/06/2017	21/06/2018	366	106.73
Descending	2/07/2017	3/07/2018	366	73.08
Descending	20/07/2017	21/07/2018	366	53.36
Descending	1/08/2017	2/08/2018	366	37.21
Descending	13/08/2017	14/08/2018	366	43.81
Descending	19/08/2017	20/08/2018	366	43.81
Descending	25/08/2017	26/08/2018	366	19.11
Descending	6/09/2017	7/09/2018	366	38.19
Descending	18/9/2017	19/09/2018	366	22.61
Descending	24/09/2017	25/09/2018	366	22.61
Descending	6/10/2017	7/10/2018	366	28.63
Descending	18/10/2017	19/10/2019	366	22.96
Descending	24/10/2017	25/10/2018	366	12.77
Descending	30/10/2017	31/10/2018	366	10.50
Descending	15/06/2018	16/06/2019	366	35.68
Descending	27/06/2018	28/06/2019	360	107.83
Descending	9/07/2018	10/07/2019	366	22.53
Descending	21/07/2018	22/07/2019	366	22.69
Descending	2/08/2018	3/08/2019	366	34.42
Descending	14/08/2018	15/08/2019	366	74.15
Descending	26/08/2018	27/08/2019	366	29.28
Descending	7/09/2018	8/09/2019	366	55.55
Descending	19/09/2018	20/09/2019	366	2.51
Descending	7/10/2018	8/10/2019	366	101.60
Descending	19/10/2018	20/10/2019	366	57.07

¹ ΔT : temporal baseline; B_{perp} : spatial baseline (modulus).