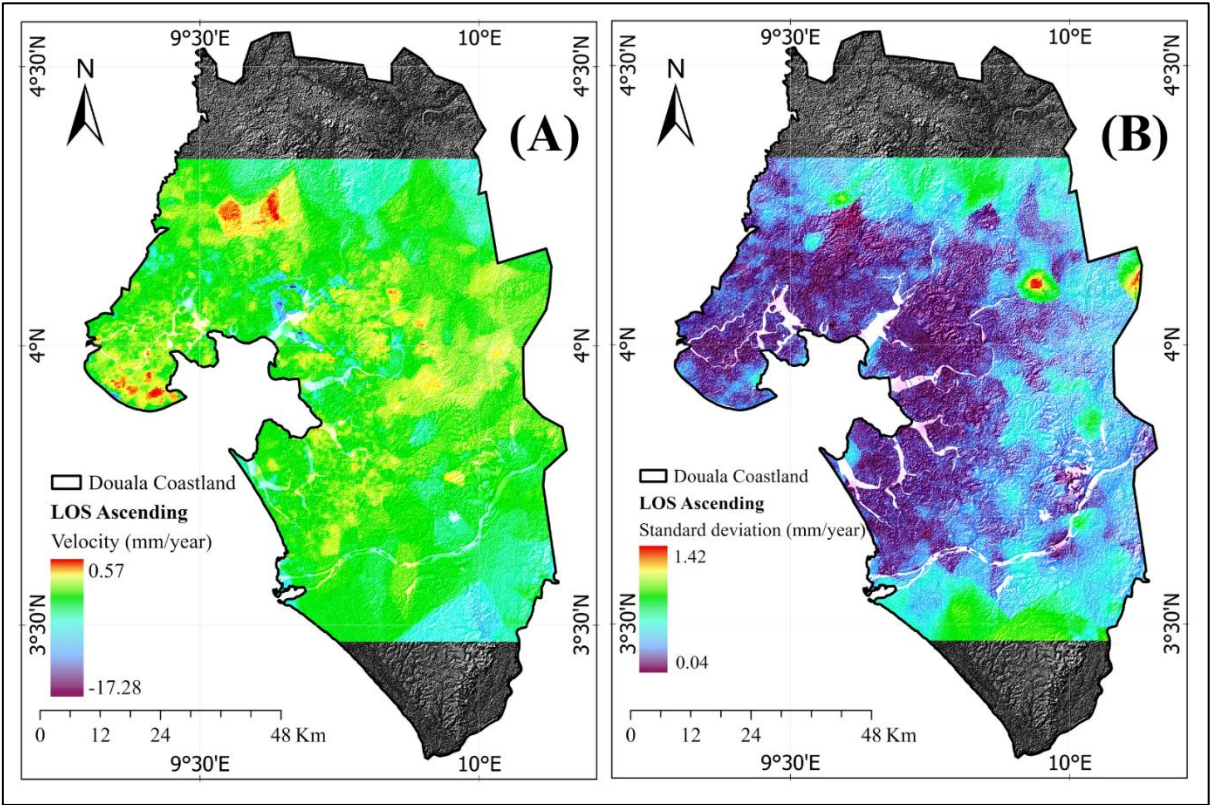


1

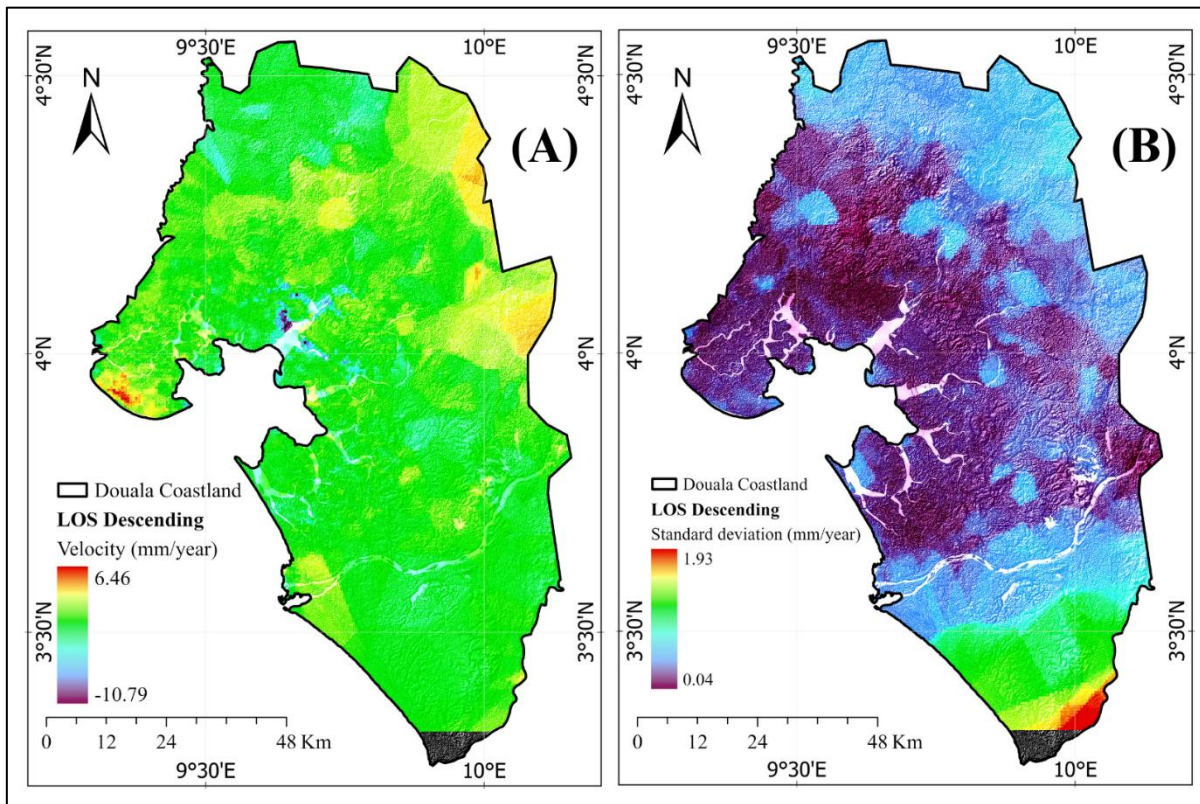
2 **Supplementary materials**



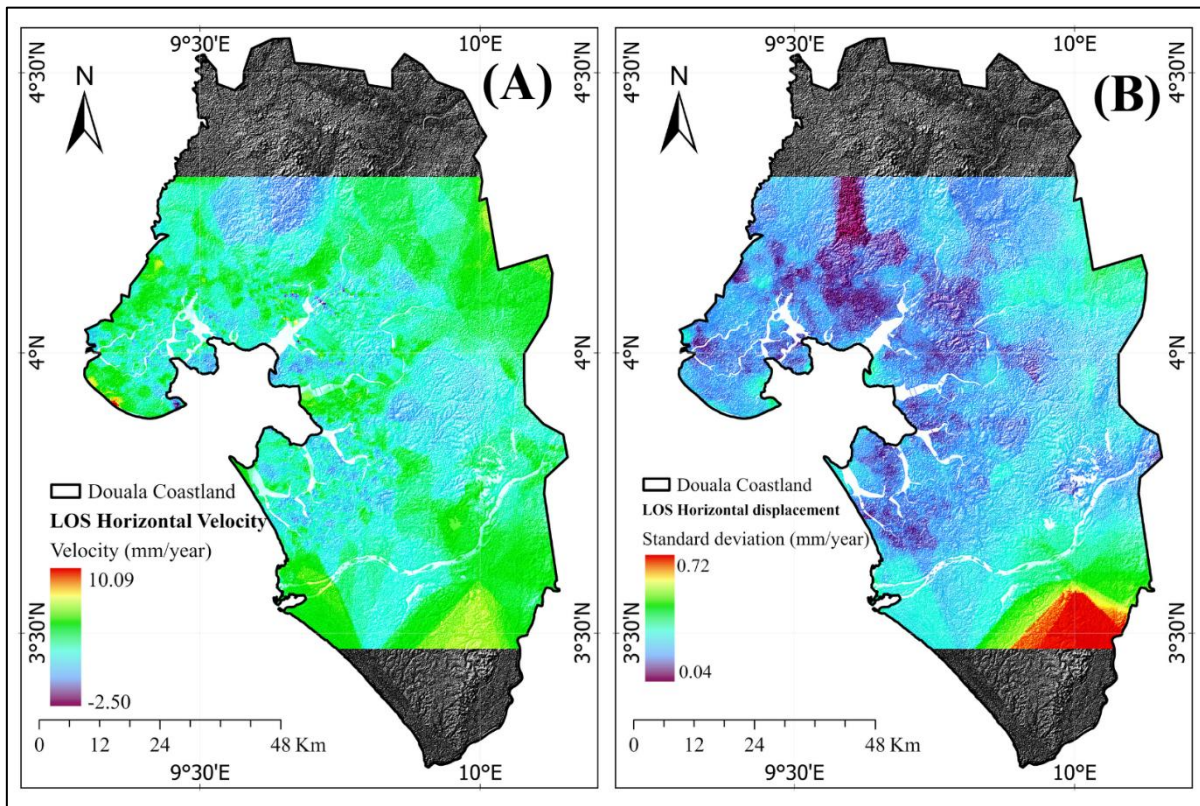
3

4 **Figure S1: The LOS displacement velocities (A) and associated standard deviation values (B) for the ascending orbit geometries.**

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Figs. S2: The LOS displacement velocities (A) and associated standard deviation values (B) for the descending orbit geometries.



Figs. S3: The LOS horizontal displacement velocities (A) and associated standard deviation values (B).

Table S1: Inventory of images of the SAR frame

Ascending, Frame 132, Path 1192			Descending, Frame 51, Paths 575 & 580		
Year	Month	Day	Year	Month	Day
2018	3	15	2018	3	10
2018	3	27	2018	3	22
2018	4	8	2018	4	3
2018	4	20	2018	4	15
2018	5	2	2018	4	27
2018	5	14	2018	5	9
2018	5	26	2018	5	21
2018	6	7	2018	6	14
2018	6	19	2018	6	26

2018	7	1	2018	7	8
2018	7	13	2018	7	20
2018	7	25	2018	8	1
2018	8	6	2018	8	25
2018	8	18	2018	9	6
2018	8	30	2018	9	18
2018	9	11	2018	9	30
2018	9	23	2018	10	12
2018	10	5	2018	10	24
2018	10	17	2018	11	5
2018	10	29	2018	11	17
2018	11	10	2018	11	29
2018	11	22	2018	12	11
2018	12	4	2018	12	23
2018	12	16	2019	1	4
2018	12	28	2019	1	16
2019	1	9	2019	1	28
2019	1	21	2019	2	9
2019	2	2	2019	2	21
2019	2	14	2019	3	5
2019	2	26	2019	3	17
2019	3	10	2019	3	29
2019	3	22	2019	4	10
2019	4	3	2019	4	22
2019	4	15	2019	5	4
2019	4	27	2019	5	16
2019	5	9	2019	5	28
2019	5	21	2019	6	9
2019	6	2	2019	6	21
2019	6	14	2019	7	3
2019	6	26	2019	7	15
2019	7	8	2019	7	27

2019	7	20	2019	8	8
2019	8	1	2019	8	20
2019	8	13	2019	9	1
2019	8	25	2019	9	13
2019	9	6	2019	9	25
2019	9	18	2019	10	7
2019	9	30	2019	10	19
2019	10	12	2019	10	31
2019	10	24	2019	11	12
2019	11	5	2019	11	24
2019	11	17	2019	12	6
2019	11	29	2019	12	18
2019	12	11	2019	12	30
2019	12	23	2020	1	11
2020	1	4	2020	1	23
2020	1	16	2020	2	4
2020	1	28	2020	2	16
2020	2	9	2020	2	28
2020	2	21	2020	3	11
2020	3	4	2020	3	23
2020	3	16	2020	4	4
2020	3	28	2020	4	16
2020	4	9	2020	4	28
2020	4	21	2020	5	10
2020	5	3	2020	5	22
2020	5	15	2020	6	3
2020	5	27	2020	6	15
2020	6	8	2020	6	27
2020	6	20	2020	7	9
2020	7	2	2020	7	21
2020	7	14	2020	8	2
2020	7	26	2020	8	14

2020	8	7	2020	9	7
2020	8	19	2020	9	19
2020	8	31	2020	10	1
2020	9	12	2020	10	13
2020	9	24	2020	10	25
2020	10	6	2020	11	6
2020	10	18	2020	11	18
2020	10	30	2020	11	30
2020	11	11	2020	12	12
2020	11	23	2020	12	24
2020	12	5	2021	1	5
2020	12	29	2021	1	17
2021	1	10	2021	1	29
2021	1	22	2021	2	10
2021	2	3	2021	2	22
2021	2	15	2021	3	6
2021	2	27	2021	3	18
2021	3	11	2021	3	30
2021	3	23	2021	4	11
2021	4	4	2021	4	23
2021	4	16	2021	5	5
2021	4	28	2021	5	17
2021	5	10	2021	5	29
2021	5	22	2021	6	10
2021	6	3	2021	6	22
2021	6	15	2021	7	4
2021	6	27	2021	7	16
2021	7	9	2021	7	28
2021	7	21	2021	8	9
2021	8	2	2021	8	21
2021	8	14	2021	9	2
2021	8	26	2021	9	14

2021	9	7	2021	9	26
2021	9	19	2021	10	8
2021	10	1	2021	10	20
2021	10	13	2021	11	1
2021	10	25	2021	11	13
2021	11	6	2021	11	25
2021	11	18	2021	12	7
2021	11	30	2021	12	19
2021	12	12	2021	12	31
2021	12	24	2022	1	12
2022	1	5	2022	1	24
2022	1	17	2022	2	5
2022	1	29	2022	2	17
2022	2	10	2022	3	1
2022	2	22	2022	3	13
2022	3	6	2022	3	25
2022	3	18	2022	4	6
2022	3	30	2022	4	18
2022	4	11	2022	4	30
2022	4	23	2022	5	12
2022	5	5	2022	6	5
2022	5	17	2022	6	17
2022	5	29	2022	6	29
2022	6	10	2022	7	11
2022	6	22	2022	7	23
2022	7	4	2022	8	4
2022	7	16	2022	8	16
2022	7	28	2022	8	28
2022	8	9	2022	10	3
2022	8	21	2022	10	15
2022	9	2	2022	10	27
2022	9	14	2022	11	8

2022	9	26	2022	11	20
2022	10	8	2022	12	2
2022	11	1	2022	12	14
2022	11	13	2022	12	26
2022	11	25	2023	1	7
2022	12	7	2023	1	31
2022	12	19	2023	2	12
2022	12	31	2023	2	24
2023	1	12	2023	3	8
2023	1	24	2023	3	20
2023	2	5	2023	4	1
2023	2	17	2023	4	13
2023	3	1	2023	4	25
2023	3	13	2023	5	7
2023	3	25	2023	5	19
2023	4	6	2023	5	31
2023	4	18	2023	6	12
2023	4	30			
2023	5	12			
2023	5	24			
2023	6	5			
2023	6	17			

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