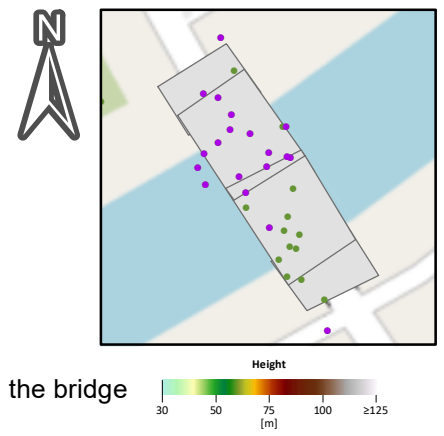


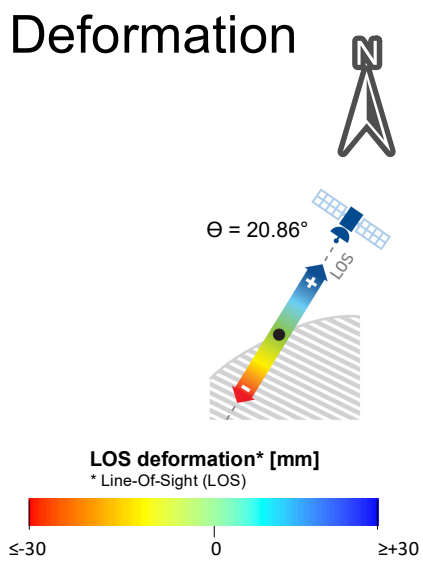
Surface Deformation Information

MP count	27	Avg_displ	0 mm	Avg_stdef	1,76 mm
PS count	12	Min_displ	-4,3 mm	Min_stdef	0,8 mm
DS count	15	Max_displ	4,7 mm	Max_stdef	3,1 mm
		Std_displ	2,23 mm		
Avg_vel	-0,25 mm/yr	Avg_seas	1,27 mm		
Min_vel	-1,5 mm/yr	Min_seas	0,29 mm		
Max_vel	1,9 mm/yr	Max_seas	5,75 mm		
Vel_std	0,99 mm/yr	Std_seas	1,03 mm		

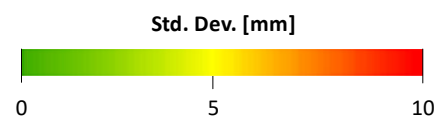
Surroundings



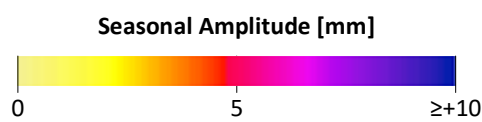
Deformation



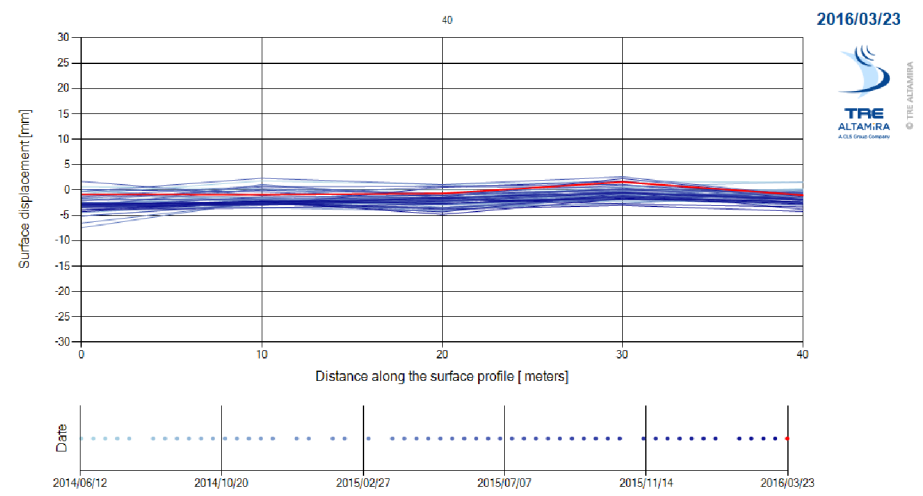
Standard Deviation



Seasonality



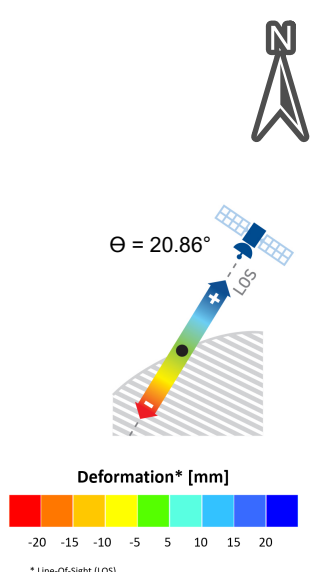
Deformation Profile*



* From west to east or/and south to north

Polygon Analysis*

* Base on seasonally filtered results



Alerting System

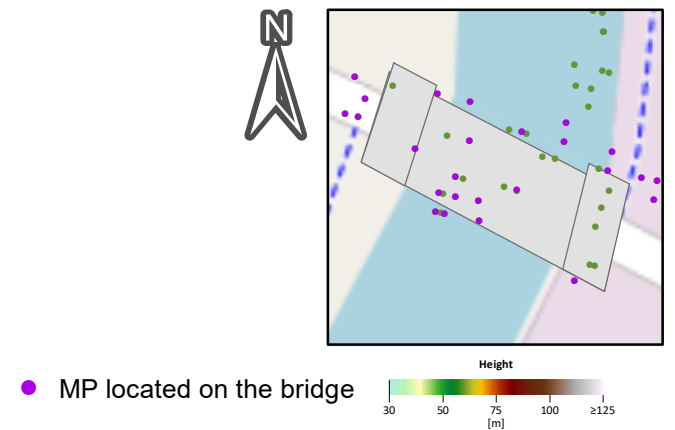
- LEVEL 1 : OK
- LEVEL 2 : CONCERN
- LEVEL 3 : REQUIRES ATTENTION



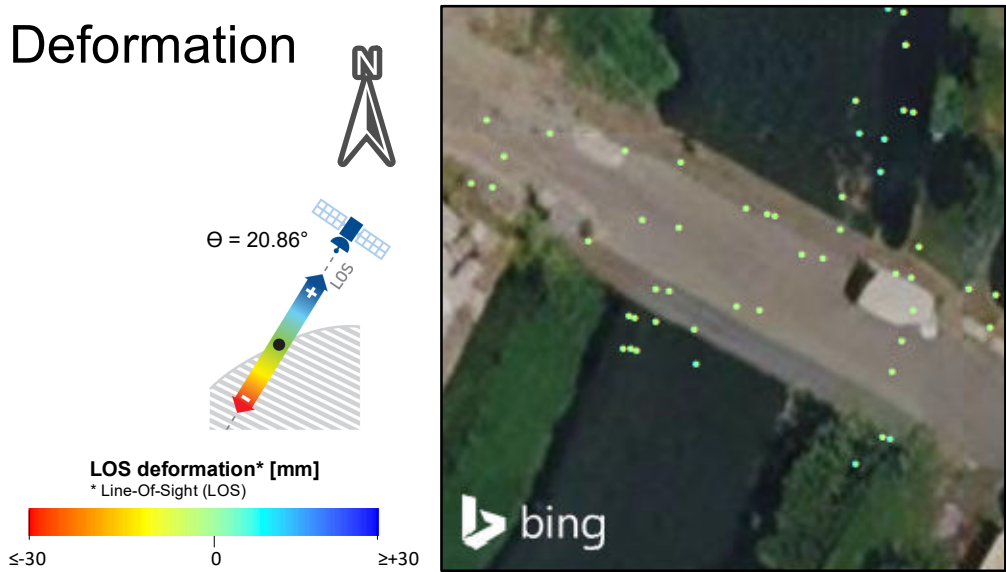
Surface Deformation Information

MP count	25	Avg_displ	1,38 mm	Avg_stdef	2,01 mm
PS count	25	Min_displ	-2,5 mm	Min_stdef	0,8 mm
DS count	0	Max_displ	9,1 mm	Max_stdef	3,7 mm
		Std_displ	2,61 mm		
Avg_vel	0,5 mm/yr	Avg_seas	2,01 mm		
Min_vel	-1,2 mm/yr	Min_seas	0,34 mm		
Max_vel	2,5 mm/yr	Max_seas	9,73 mm		
Vel_std	0,94 mm/yr	Std_seas	1,69 mm		

Surroundings



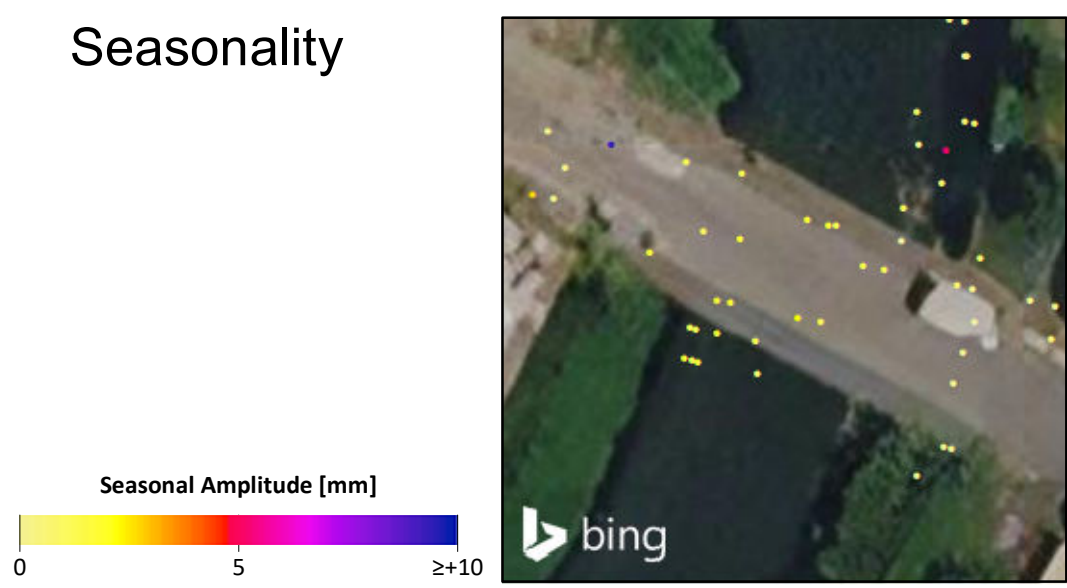
Deformation



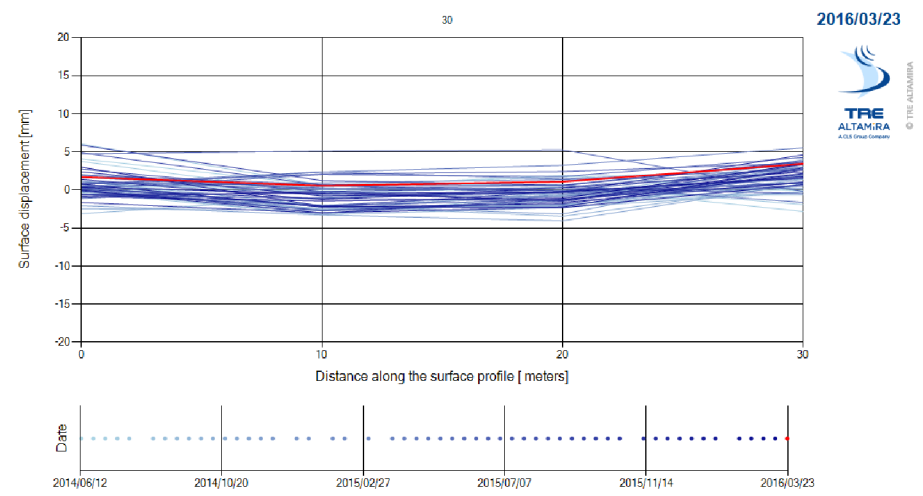
Standard Deviation



Seasonality



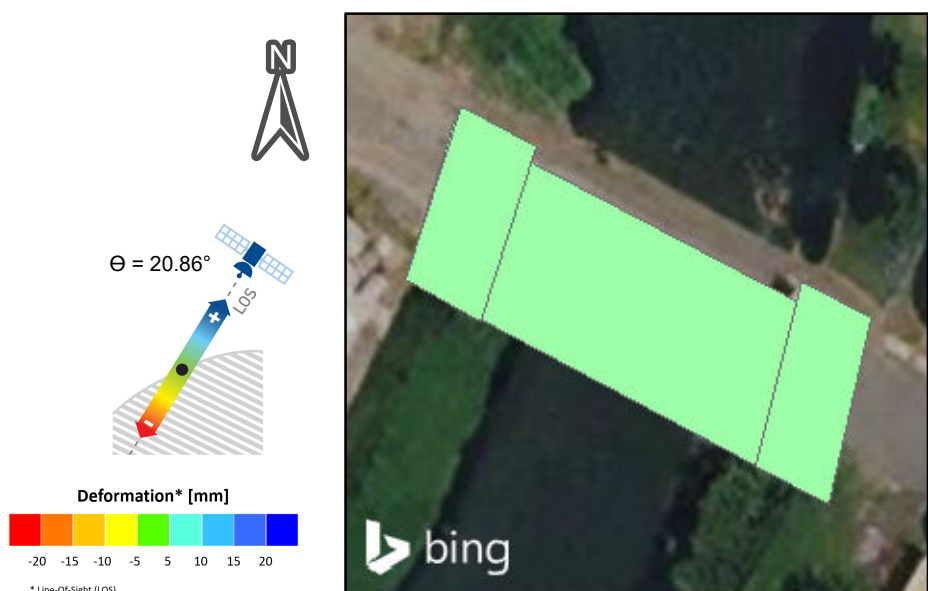
Deformation Profile*



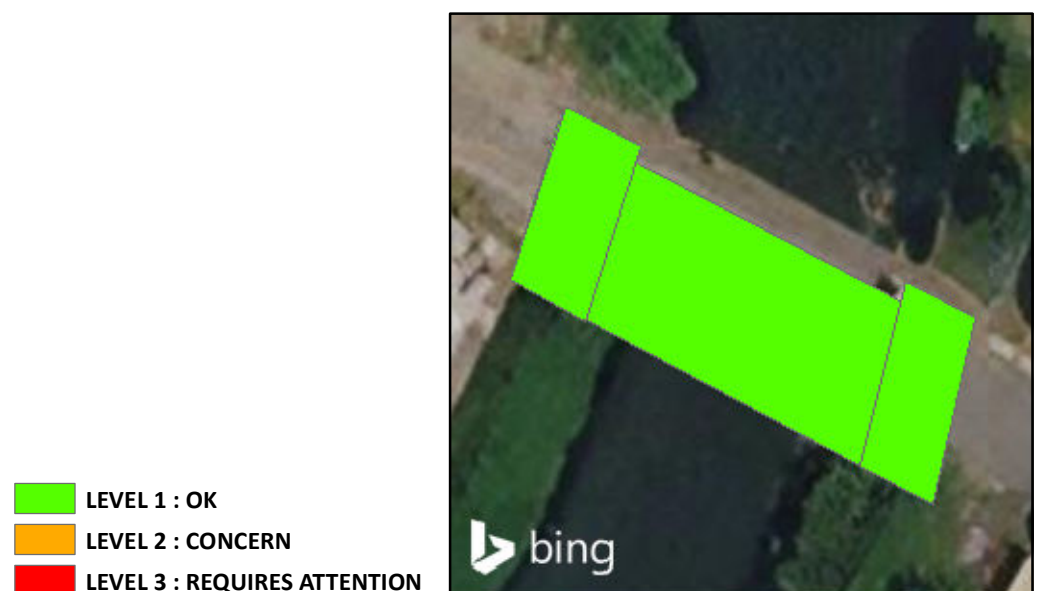
* From west to east or/and south to north

Polygon Analysis*

* Base on seasonally filtered results



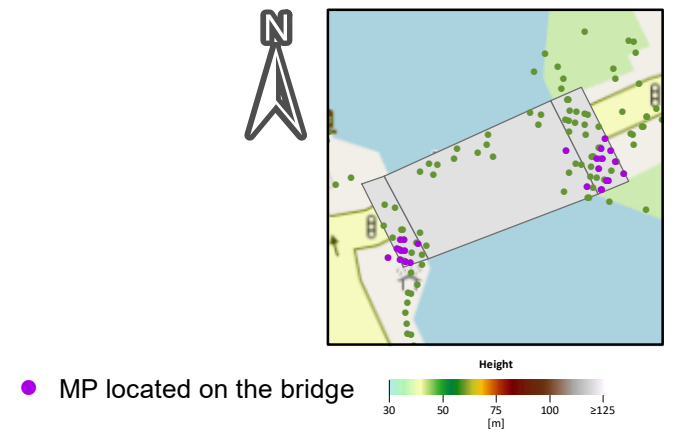
Alerting System



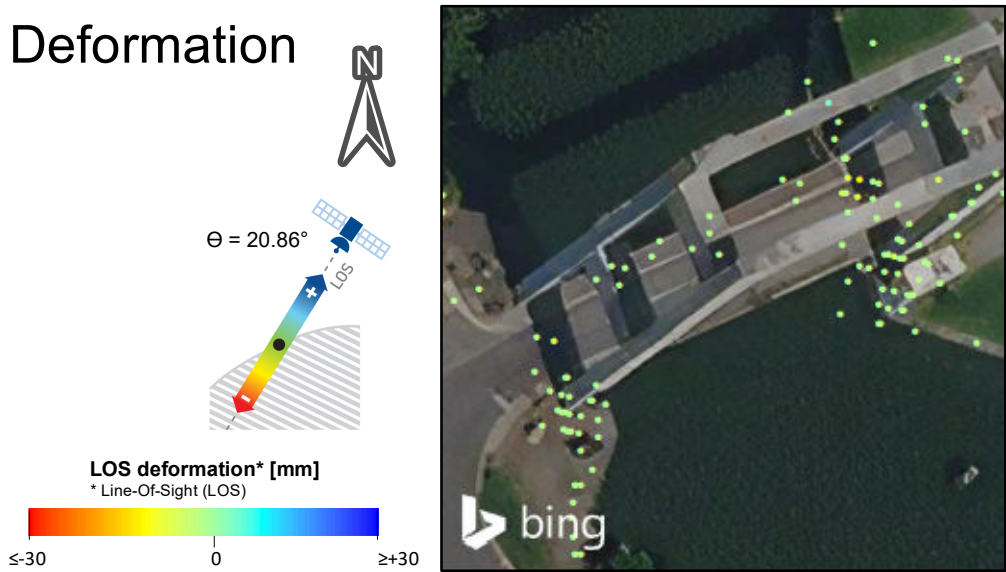
Surface Deformation Information

MP count	84	Avg_displ	-1,41 mm	Avg_stdef	2,1 mm
PS count	84	Min_displ	-10 mm	Min_stdef	0,7 mm
DS count	0	Max_displ	4,6 mm	Max_stdef	4,3 mm
		Std_displ	2,77 mm		
Avg_vel	-0,92 mm/yr	Avg_seas	1,24 mm		
Min_vel	-8 mm/yr	Min_seas	0,12 mm		
Max_vel	0,6 mm/yr	Max_seas	5,39 mm		
Vel_std	1,11 mm/yr	Std_seas	0,8 mm		

Surroundings



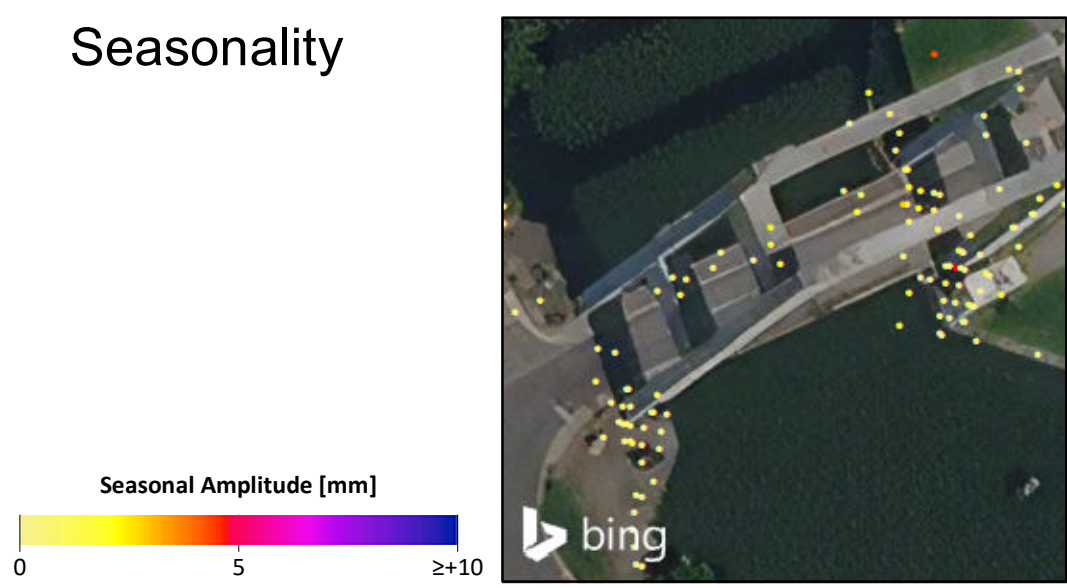
Deformation



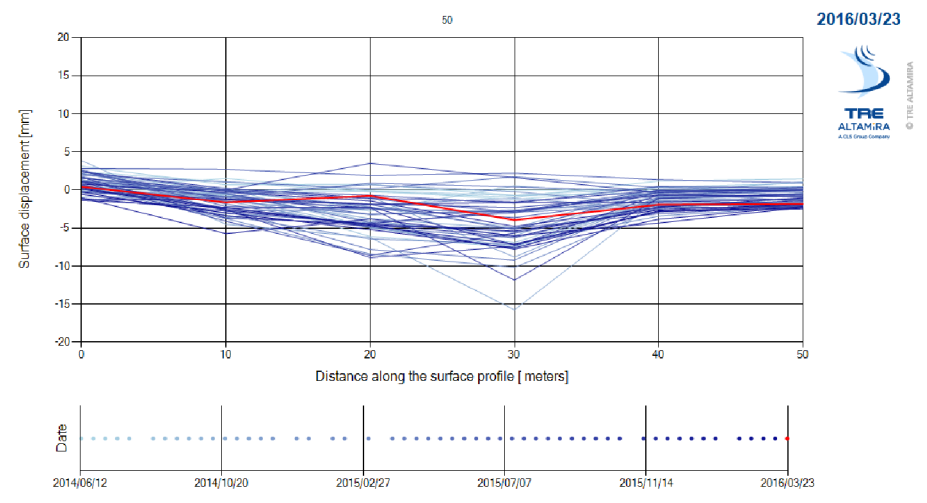
Standard Deviation



Seasonality



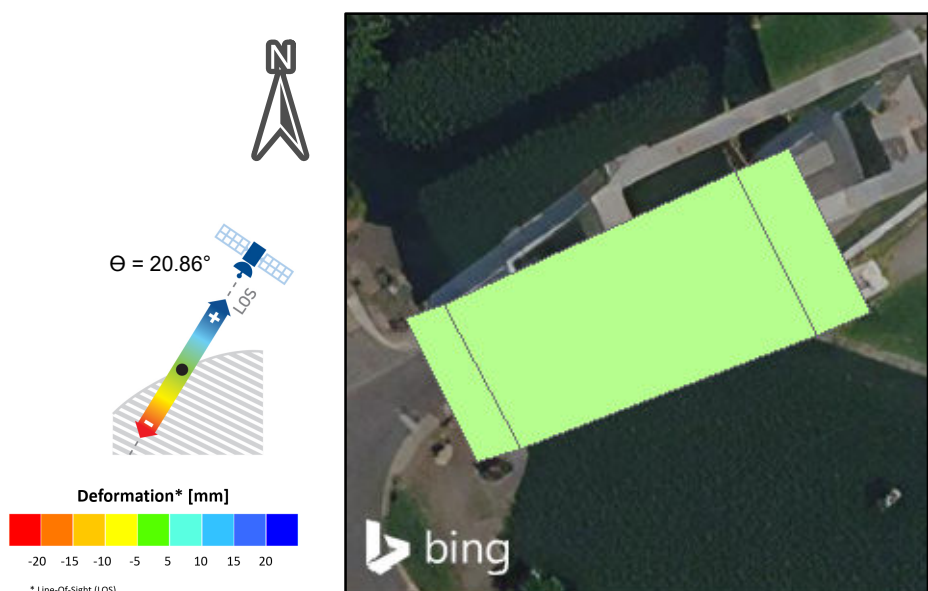
Deformation Profile*



* From west to east or/and south to north

Polygon Analysis*

* Base on seasonally filtered results



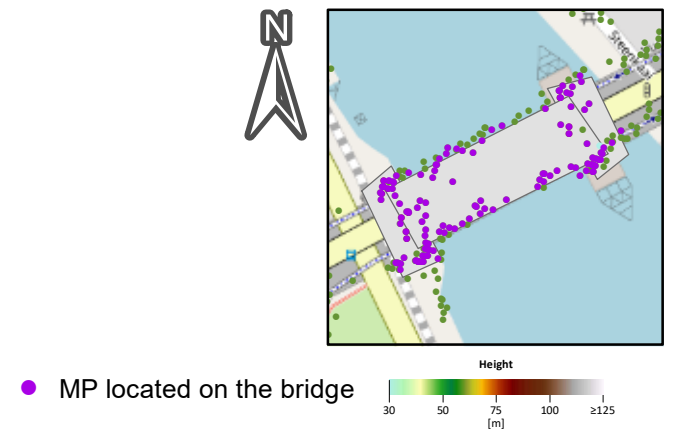
Alerting System



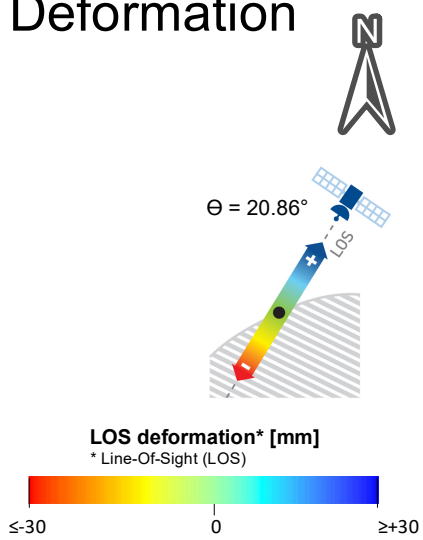
Surface Deformation Information

MP count	174	Avg_displ	-0,61 mm	Avg_stdef	1,92 mm
PS count	164	Min_displ	-13,8 mm	Min_stdef	0,6 mm
DS count	10	Max_displ	9,4 mm	Max_stdef	4 mm
		Std_displ	3,24 mm		
Avg_vel	-0,63 mm/yr	Avg_seas	1,57 mm		
Min_vel	-3,5 mm/yr	Min_seas	0,19 mm		
Max_vel	2,4 mm/yr	Max_seas	4,84 mm		
Vel_std	0,87 mm/yr	Std_seas	0,76 mm		

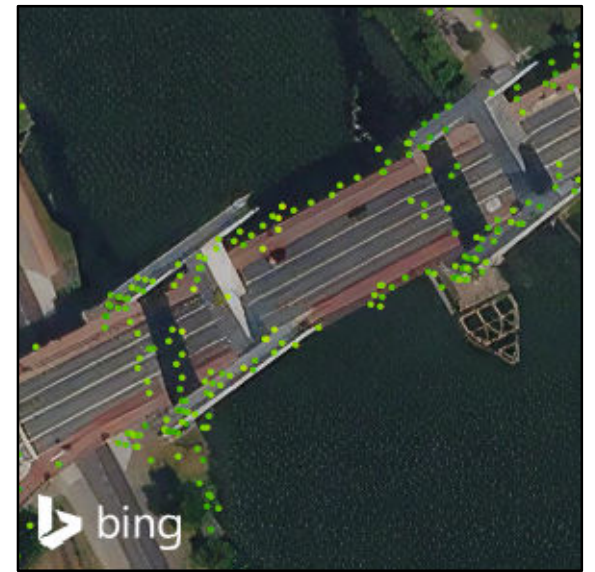
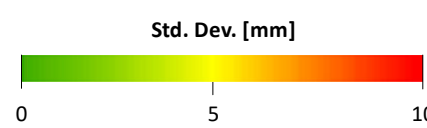
Surroundings



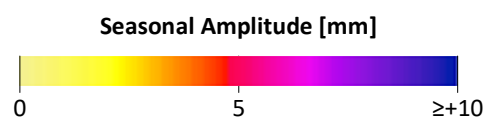
Deformation



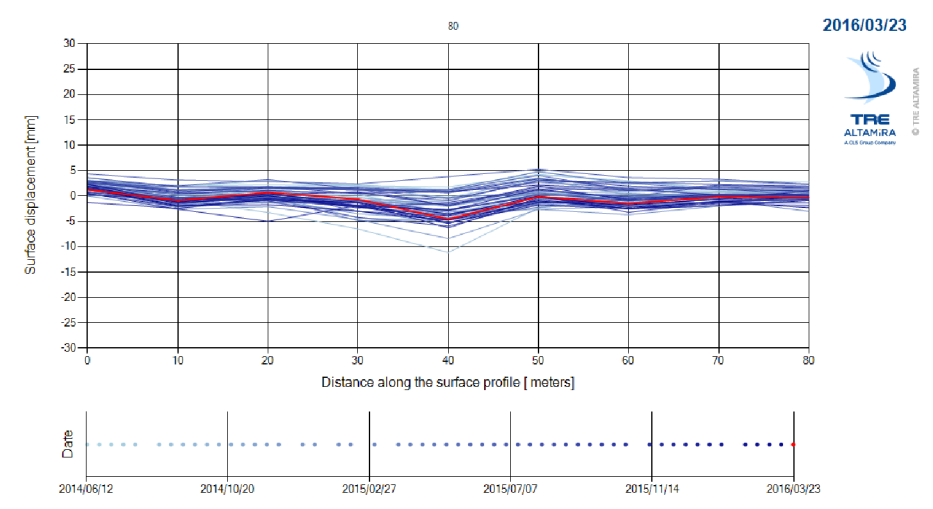
Standard Deviation



Seasonality



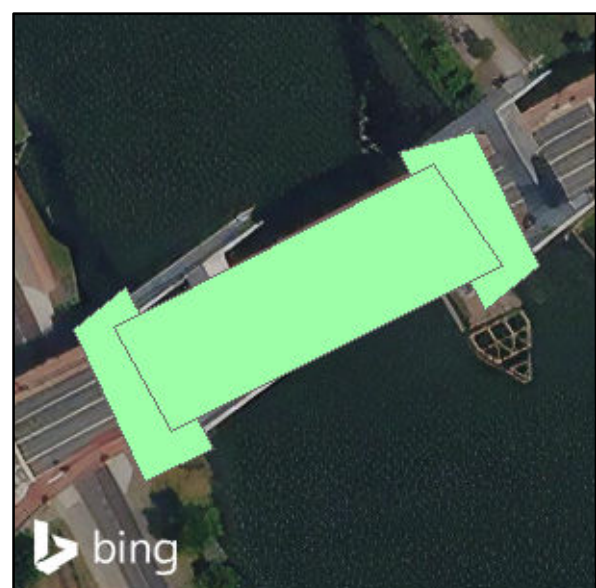
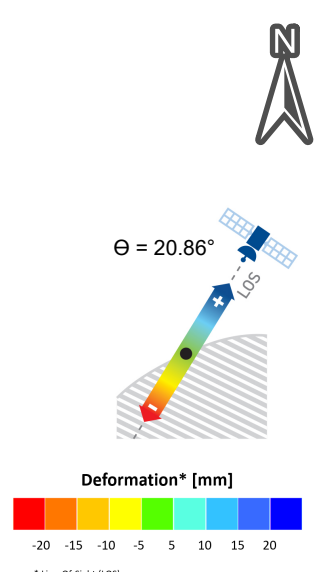
Deformation Profile*



* From west to east or/and south to north

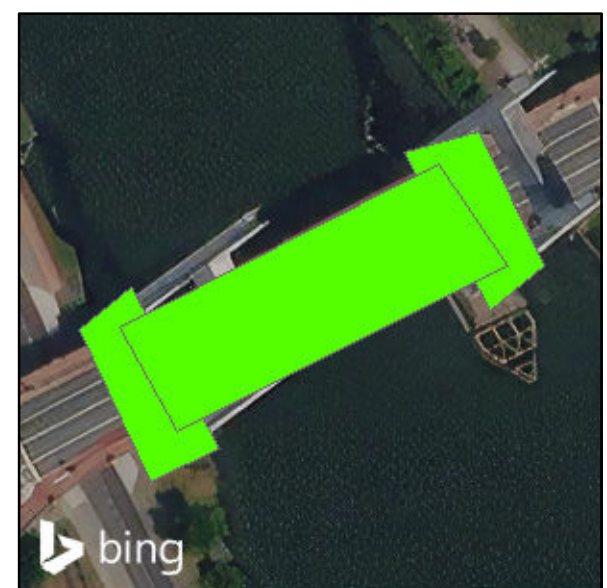
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

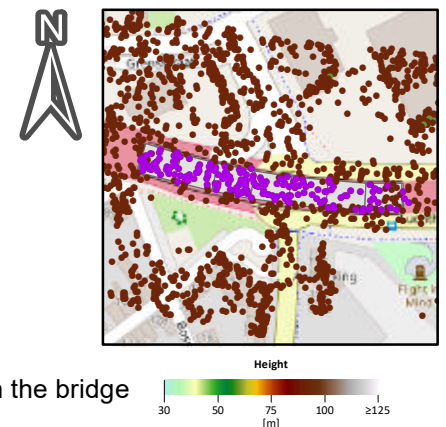
- LEVEL 1 : OK
- LEVEL 2 : CONCERN
- LEVEL 3 : REQUIRES ATTENTION



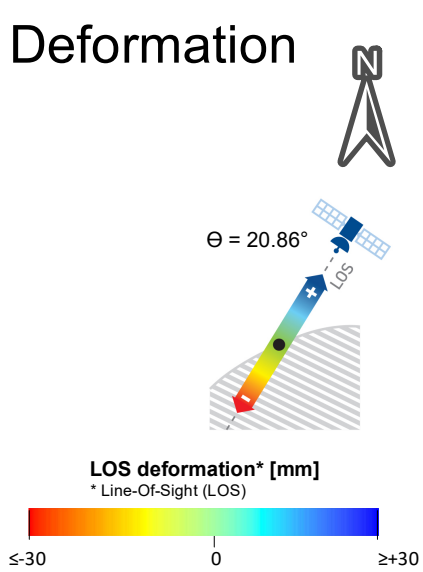
Surface Deformation Information

MP count	207	Avg_displ	1,21 mm	Avg_stdef	1,7 mm
PS count	131	Min_displ	-8 mm	Min_stdef	0,6 mm
DS count	76	Max_displ	10,3 mm	Max_stdef	3 mm
		Std_displ	2,44 mm		
Avg_vel	-0,02 mm/yr	Avg_seas	0,95 mm		
Min_vel	-2,9 mm/yr	Min_seas	0,12 mm		
Max_vel	3,8 mm/yr	Max_seas	8,83 mm		
Vel_std	0,99 mm/yr	Std_seas	0,87 mm		

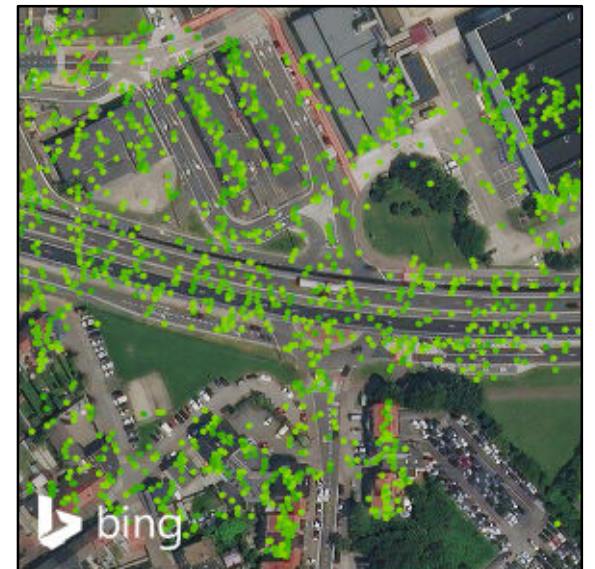
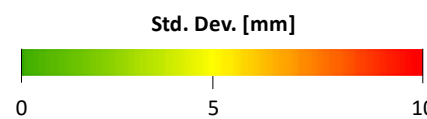
Surroundings



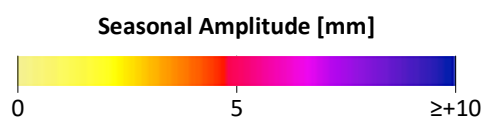
Deformation



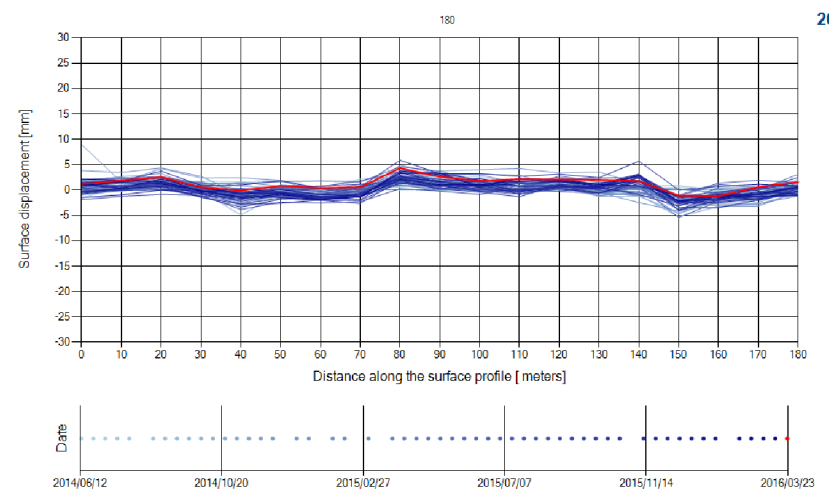
Standard Deviation



Seasonality



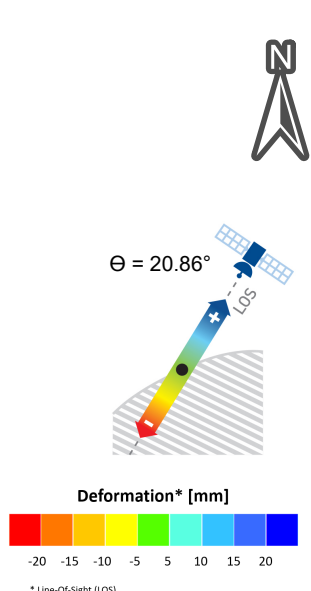
Deformation Profile*



* From west to east or/and south to north

Polygon Analysis*

* Base on seasonally filtered results



Alerting System

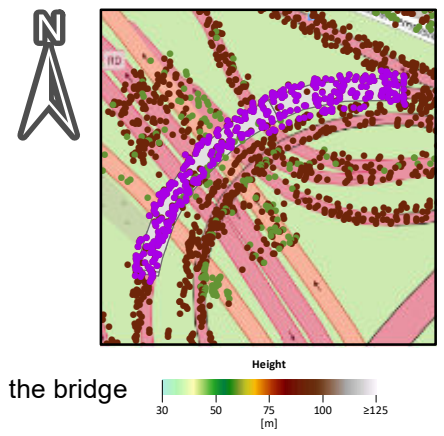
- LEVEL 1 : OK
- LEVEL 2 : CONCERN
- LEVEL 3 : REQUIRES ATTENTION



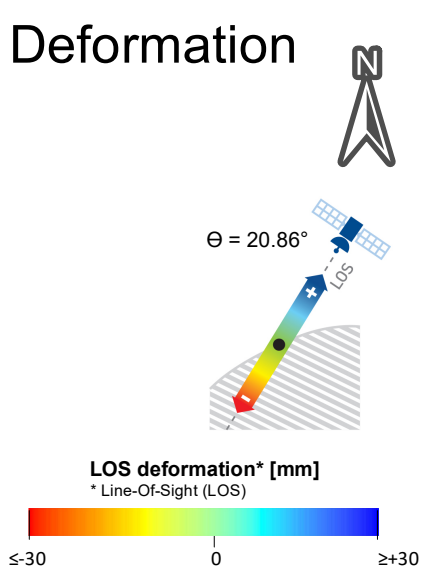
Surface Deformation Information

MP count 310	Avg_displ -0,7 mm	Avg_stdef 1,66 mm
PS count 265	Min_displ -13 mm	Min_stdef 0,5 mm
DS count 45	Max_displ 7,9 mm	Max_stdef 3,3 mm
	Std_displ 2,96 mm	
Avg_vel -0,36 mm/yr	Avg_seas 0,82 mm	
Min_vel -3,9 mm/yr	Min_seas 0,02 mm	
Max_vel 2,1 mm/yr	Max_seas 4,69 mm	
Vel_std 0,88 mm/yr	Std_seas 0,65 mm	

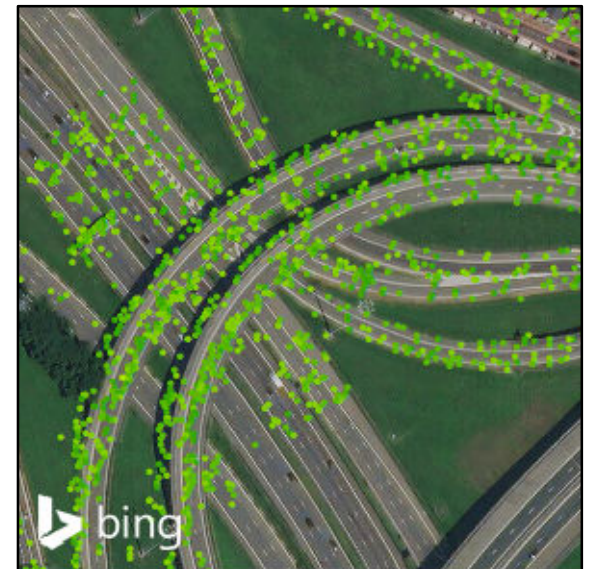
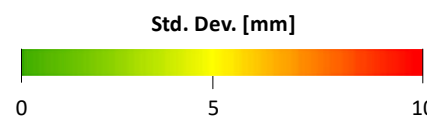
Surroundings



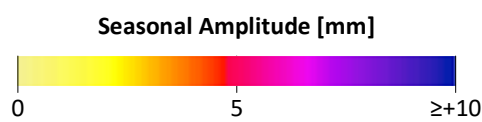
Deformation



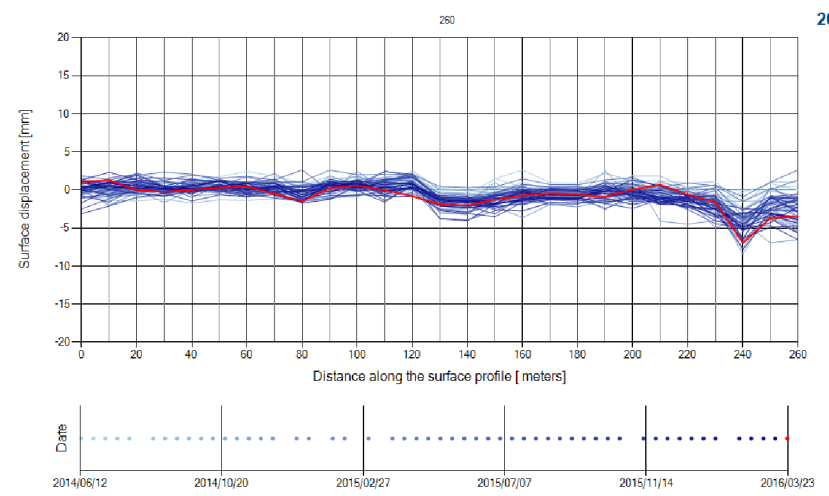
Standard Deviation



Seasonality



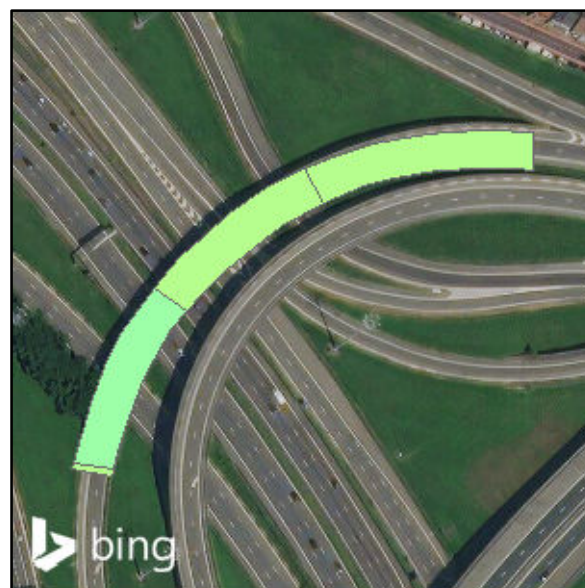
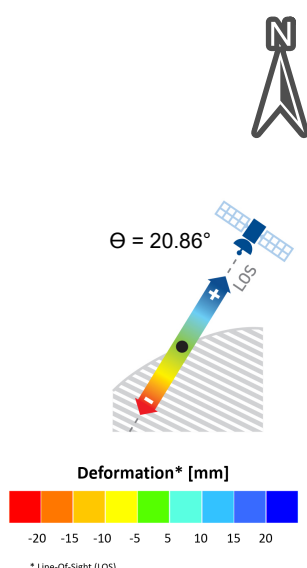
Deformation Profile*



* From west to east or/and south to north

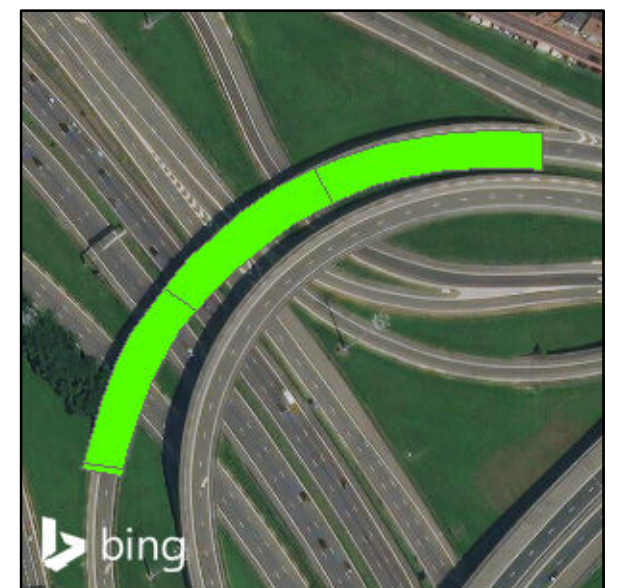
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

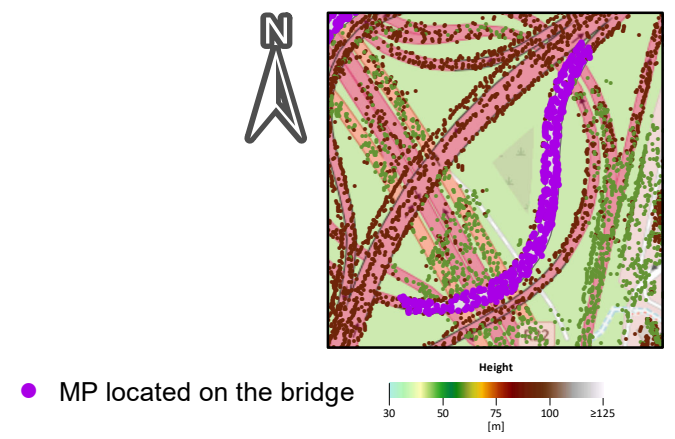
- LEVEL 1 : OK
- LEVEL 2 : CONCERN
- LEVEL 3 : REQUIRES ATTENTION



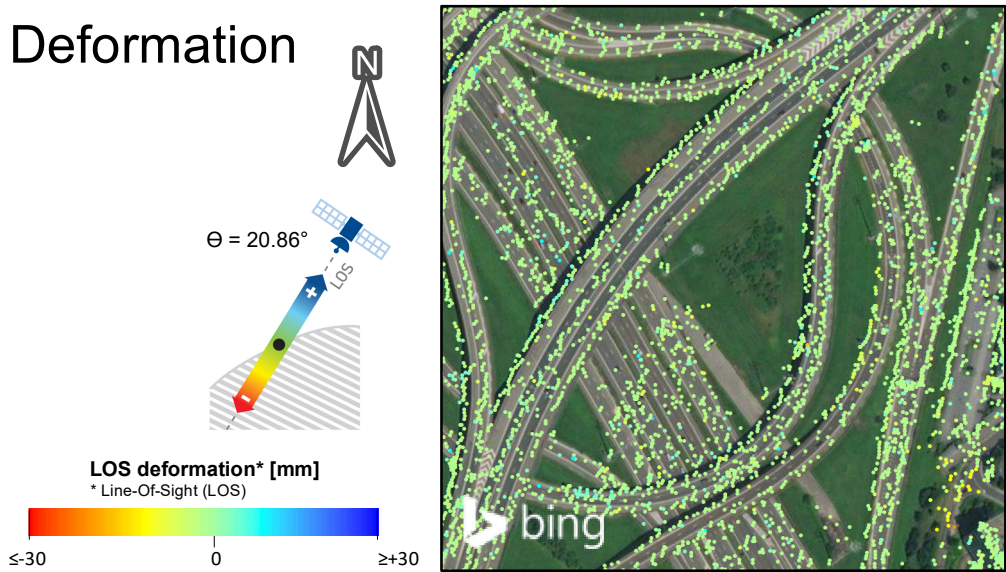
Surface Deformation Information

MP count 402	Avg_displ 0,52 mm	Avg_stdef 1,69 mm
PS count 315	Min_displ -15,1 mm	Min_stdef 0,4 mm
DS count 87	Max_displ 9,3 mm	Max_stdef 3,7 mm
	Std_displ 3,21 mm	
Avg_vel -0,08 mm/yr	Avg_seas 1,04 mm	
Min_vel -5,9 mm/yr	Min_seas 0,04 mm	
Max_vel 5 mm/yr	Max_seas 8,47 mm	
Vel_std 1,17 mm/yr	Std_seas 0,81 mm	

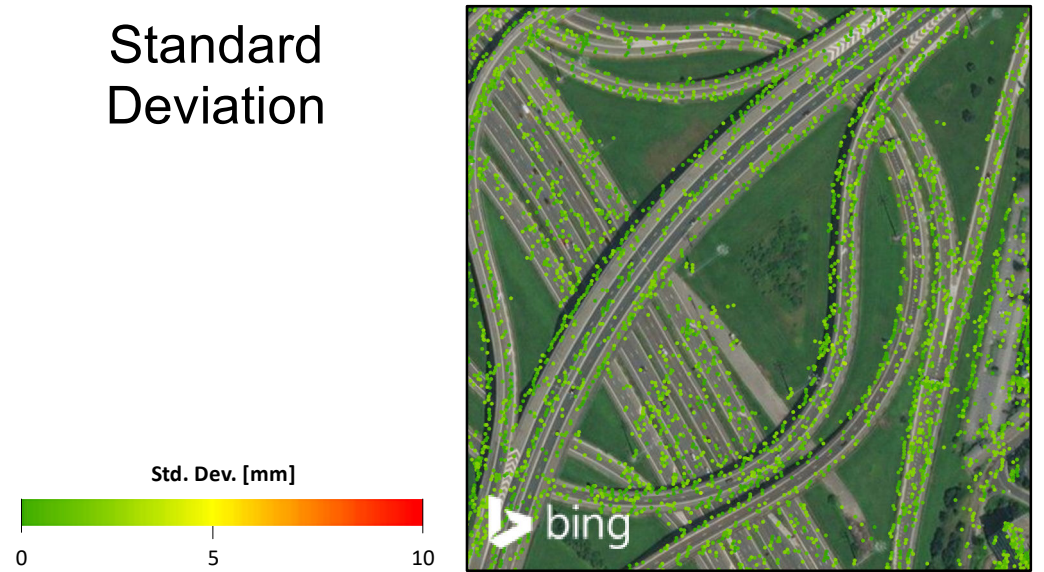
Surroundings



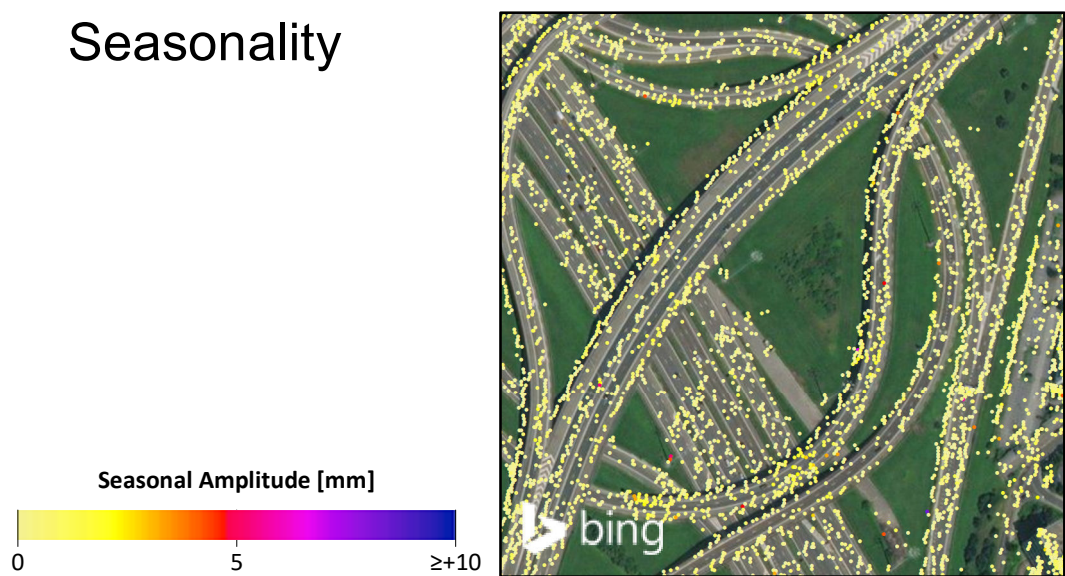
Deformation



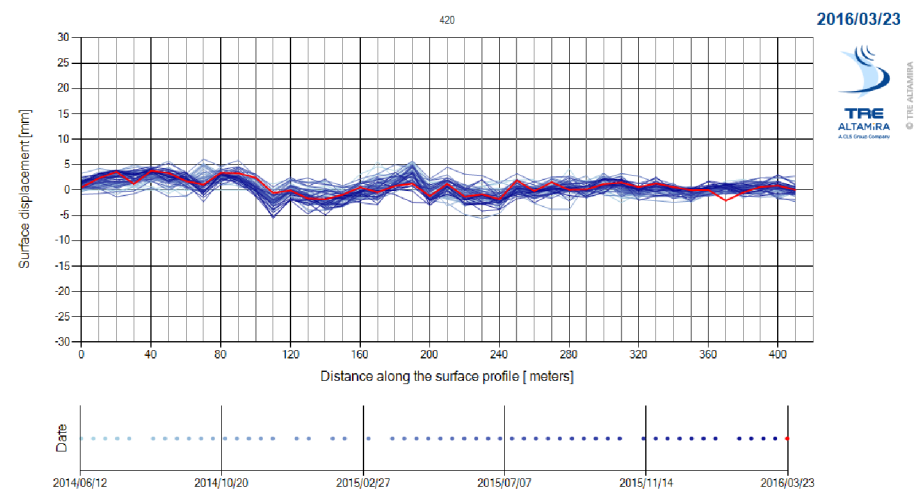
Standard Deviation



Seasonality



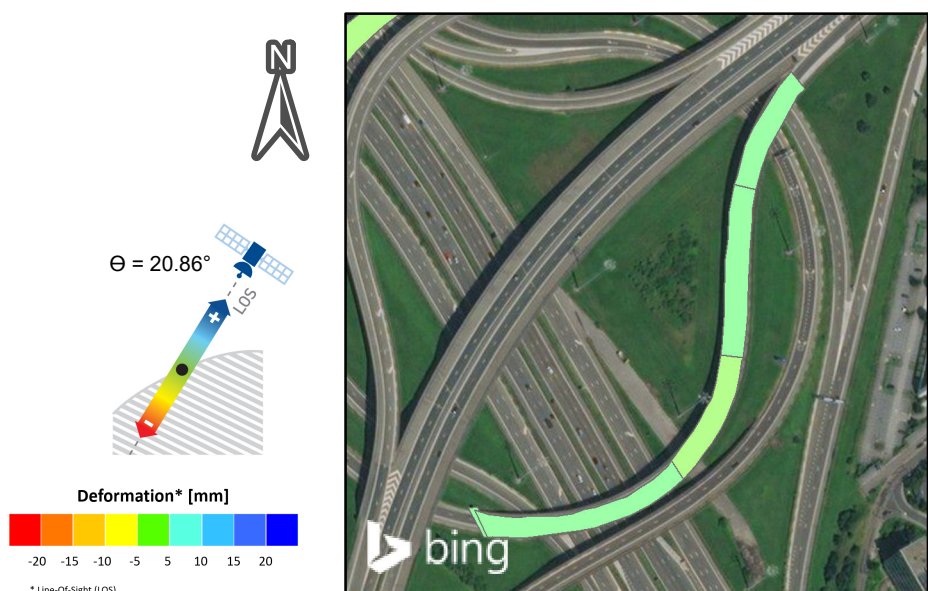
Deformation Profile*



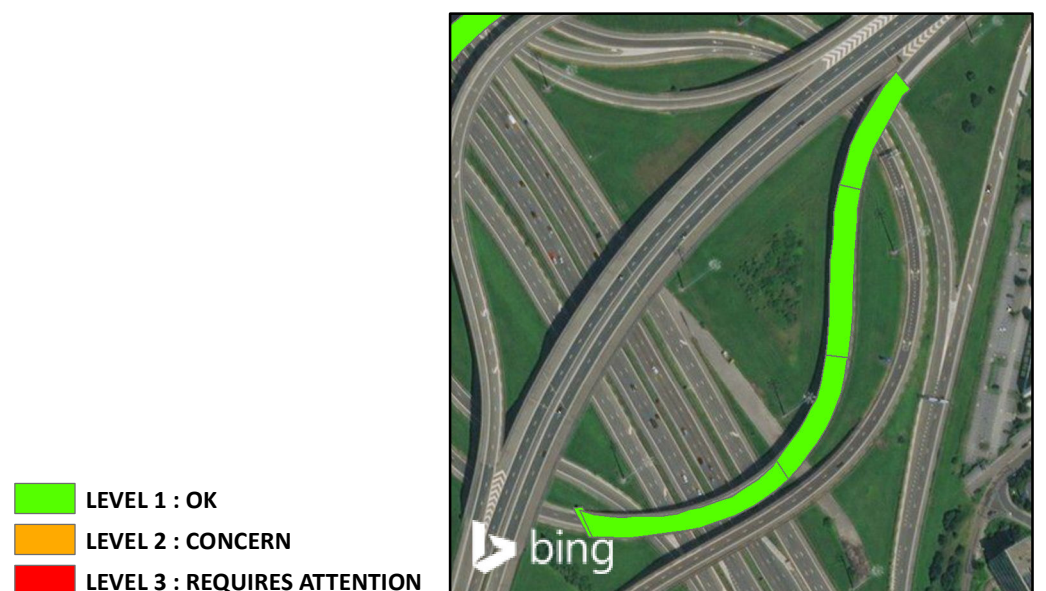
* From west to east or/and south to north

Polygon Analysis*

* Base on seasonally filtered results



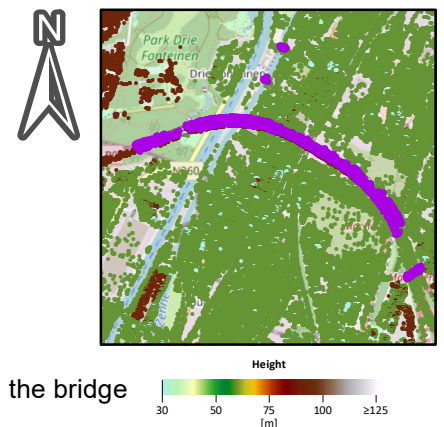
Alerting System



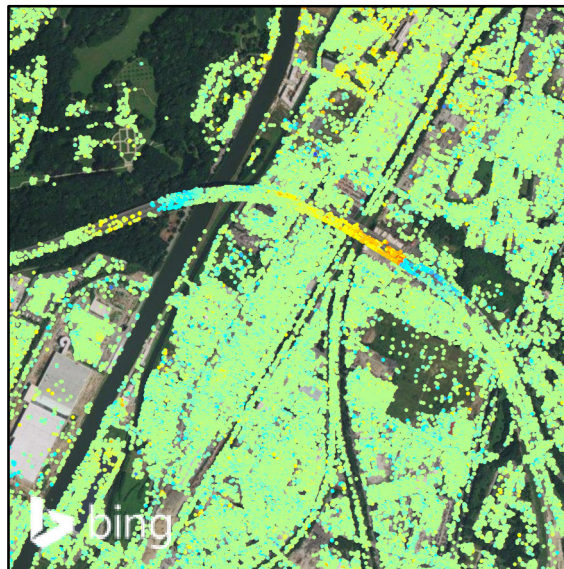
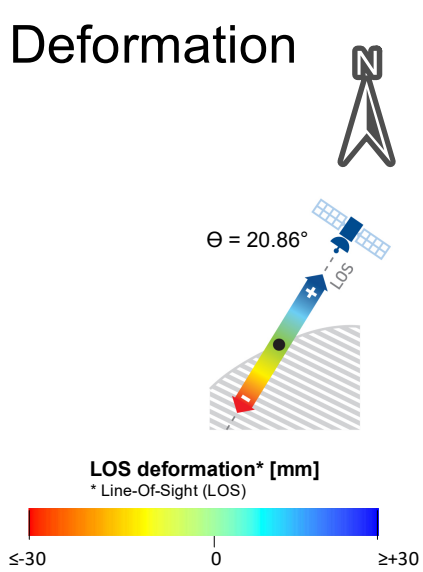
Surface Deformation Information

MP count 3033	Avg_displ -1,48 mm	Avg_stdef 3,06 mm
PS count 2215	Min_displ -29,2 mm	Min_stdef 0,5 mm
DS count 818	Max_displ 21,7 mm	Max_stdef 7,4 mm
	Std_displ 8,49 mm	
Avg_vel -0,67 mm/yr	Avg_seas 4,75 mm	
Min_vel -11,3 mm/yr	Min_seas 0,02 mm	
Max_vel 10,7 mm/yr	Max_seas 18,86 mm	
Vel_std 3,34 mm/yr	Std_seas 4,16 mm	

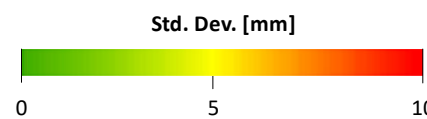
Surroundings



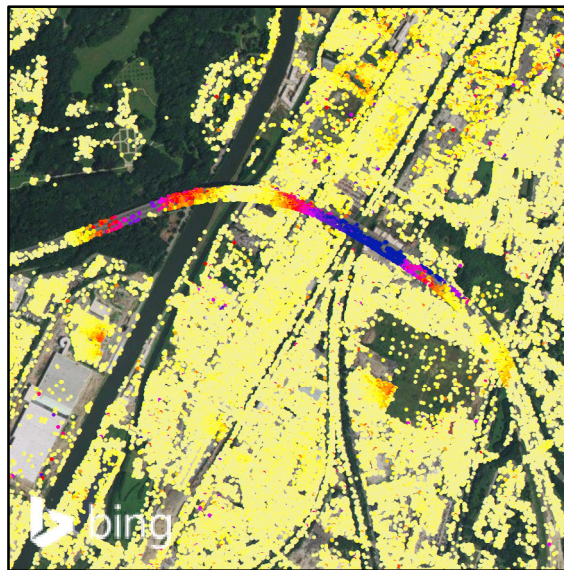
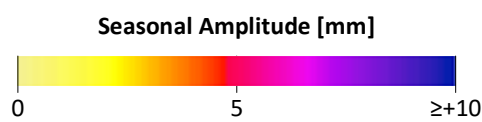
Deformation



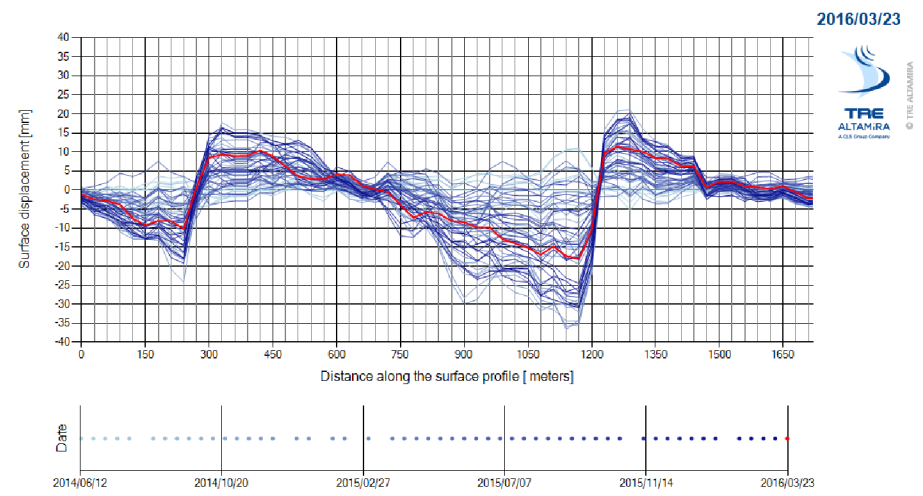
Standard Deviation



Seasonality



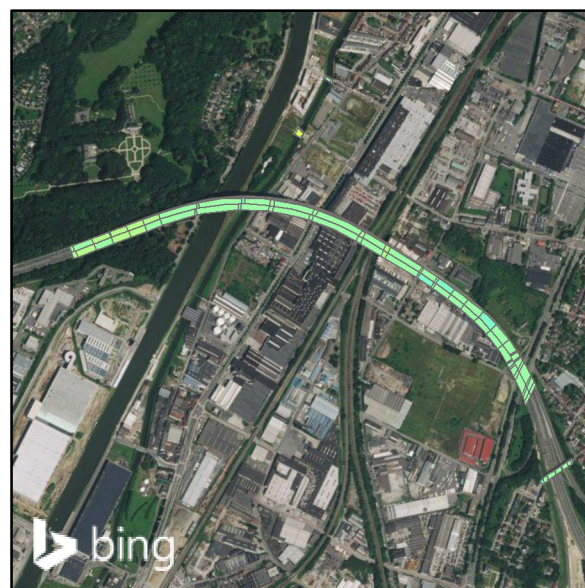
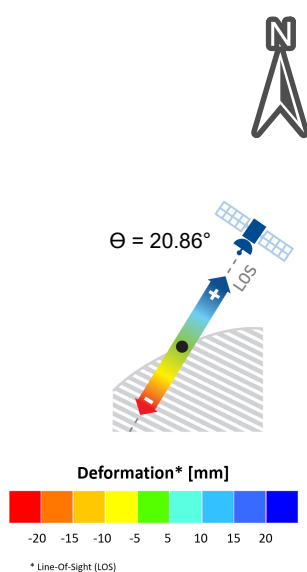
Deformation Profile*



* From west to east or/and south to north

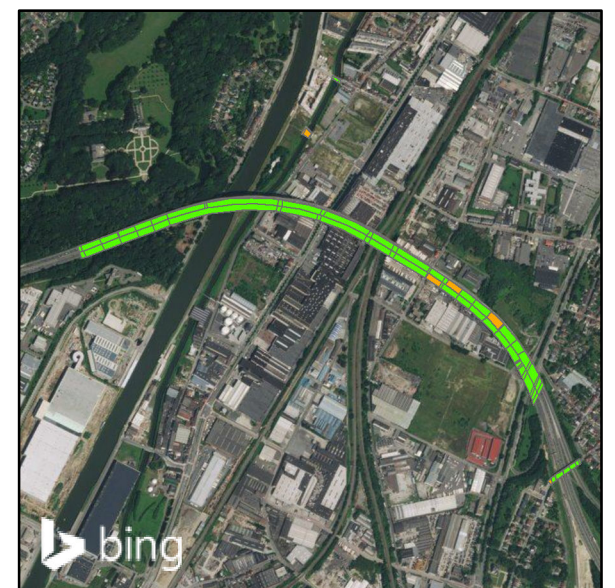
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

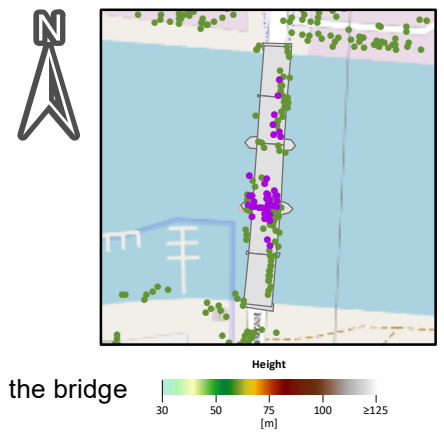
- LEVEL 1 : OK
- LEVEL 2 : CONCERN
- LEVEL 3 : REQUIRES ATTENTION



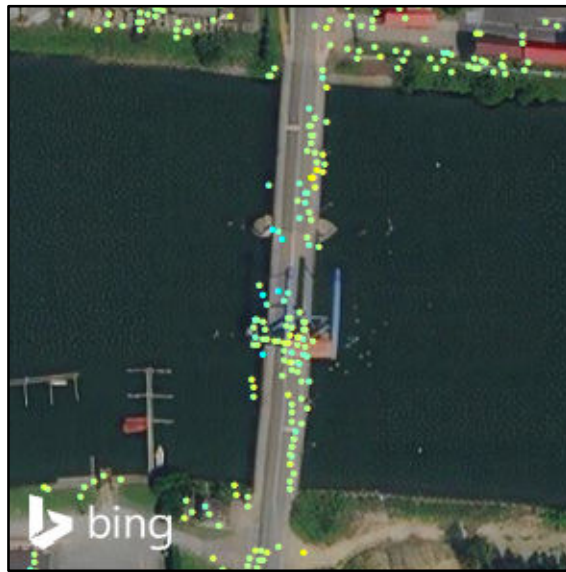
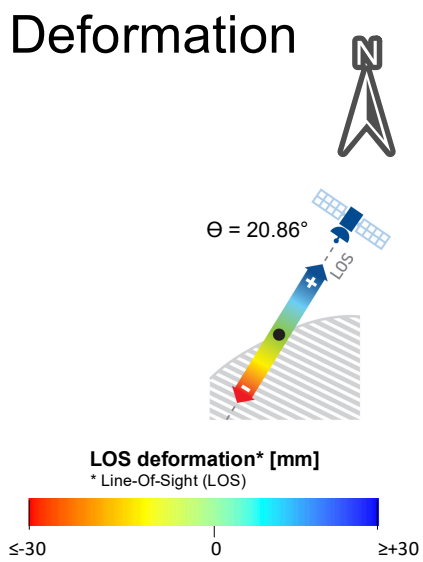
Surface Deformation Information

MP count	114	Avg_displ	0,88 mm	Avg_stdef	2,23 mm
PS count	109	Min_displ	-10,9 mm	Min_stdef	0,8 mm
DS count	5	Max_displ	12,3 mm	Max_stdef	4,1 mm
		Std_displ	5,32 mm		
Avg_vel	0,87 mm/yr	Avg_seas	1,63 mm		
Min_vel	-5 mm/yr	Min_seas	0,09 mm		
Max_vel	7,9 mm/yr	Max_seas	12,13 mm		
Vel_std	2,74 mm/yr	Std_seas	1,51 mm		

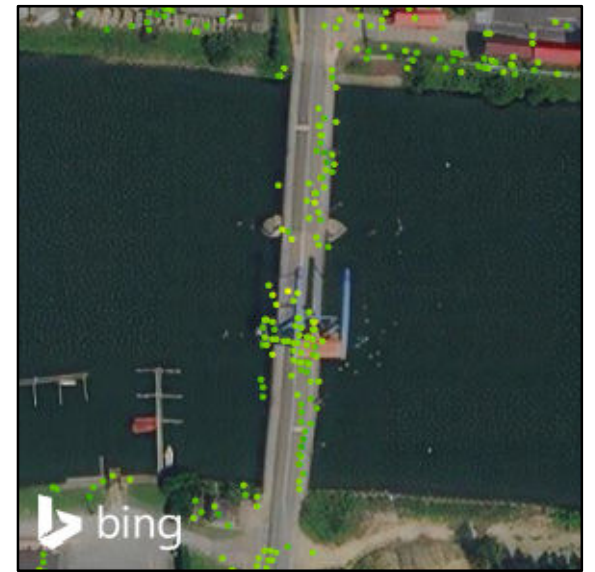
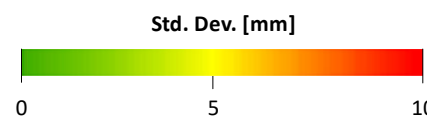
Surroundings



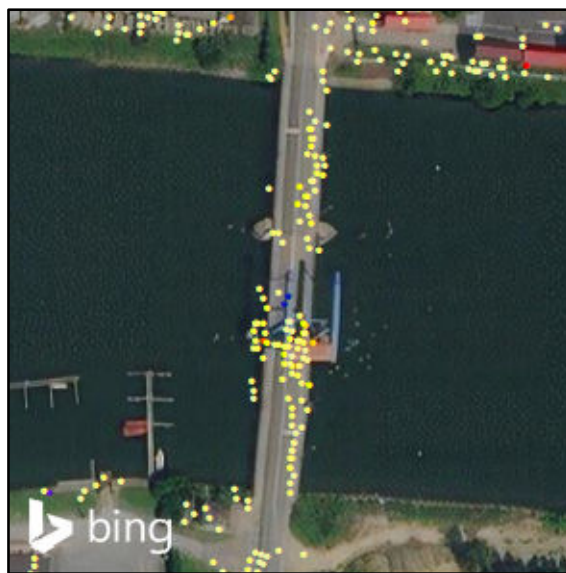
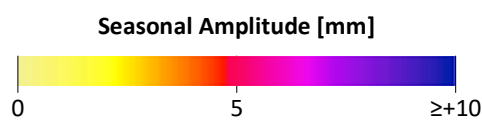
Deformation



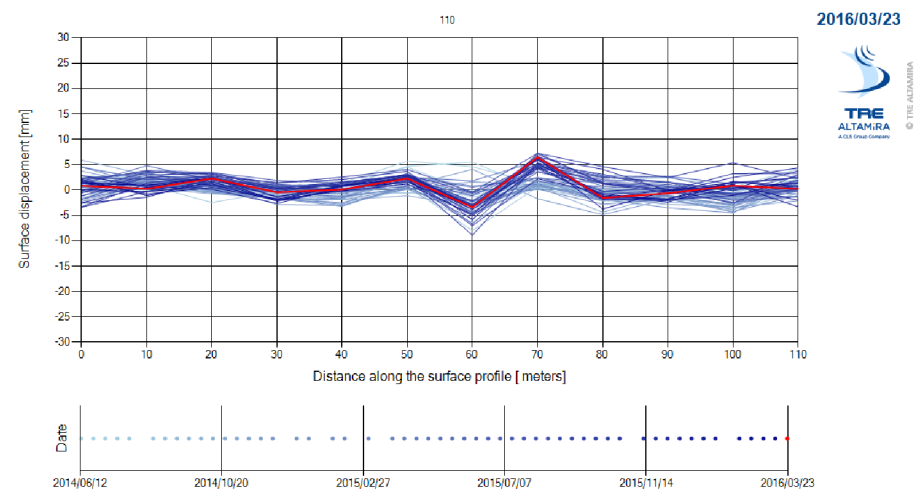
Standard Deviation



Seasonality



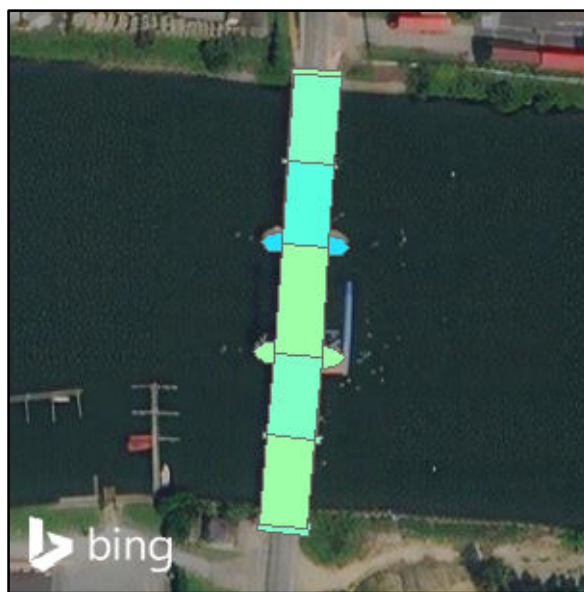
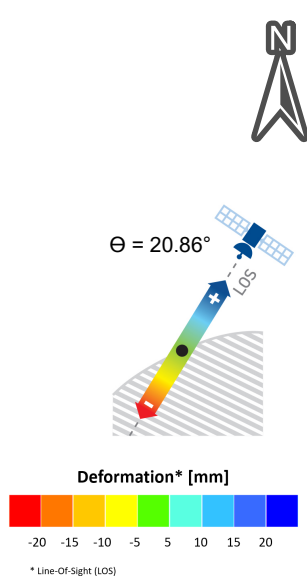
Deformation Profile*



* From west to east or/and south to north

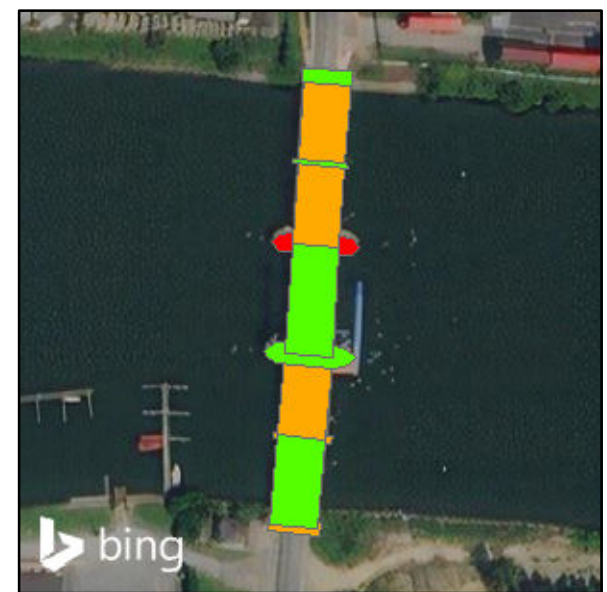
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

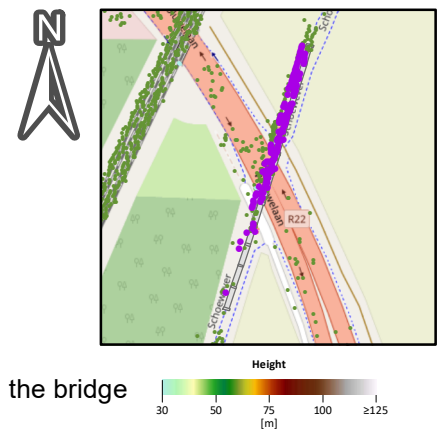
- LEVEL 1 : OK
- LEVEL 2 : CONCERN
- LEVEL 3 : REQUIRES ATTENTION



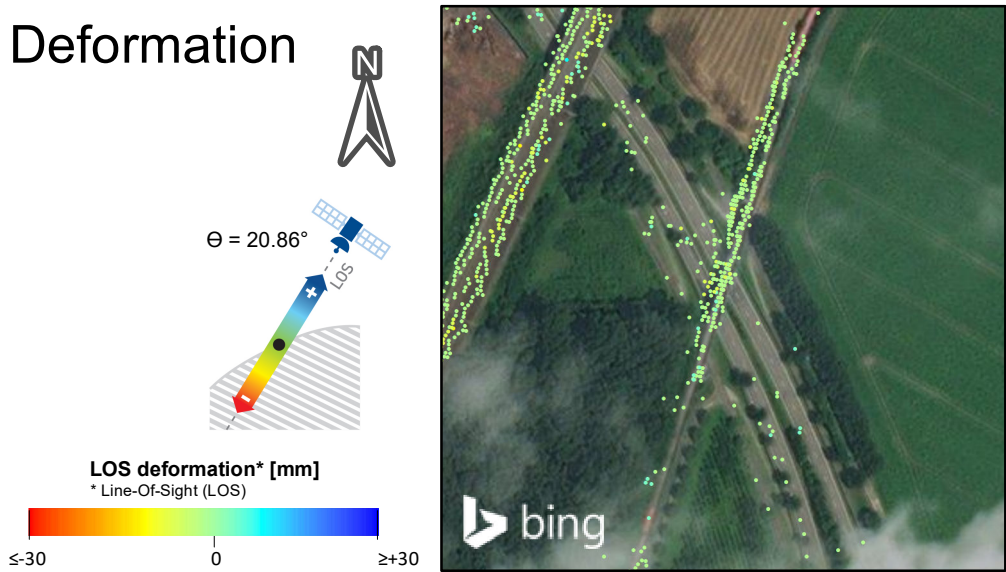
Surface Deformation Information

MP count	167	Avg_displ	0,02 mm	Avg_stdef	1,4 mm
PS count	152	Min_displ	-9,8 mm	Min_stdef	0,6 mm
DS count	15	Max_displ	7,3 mm	Max_stdef	3,1 mm
		Std_displ	2,64 mm		
Avg_vel	-0,29 mm/yr	Avg_seas	0,88 mm		
Min_vel	-2,9 mm/yr	Min_seas	0,05 mm		
Max_vel	2,2 mm/yr	Max_seas	4,16 mm		
Vel_std	0,66 mm/yr	Std_seas	0,53 mm		

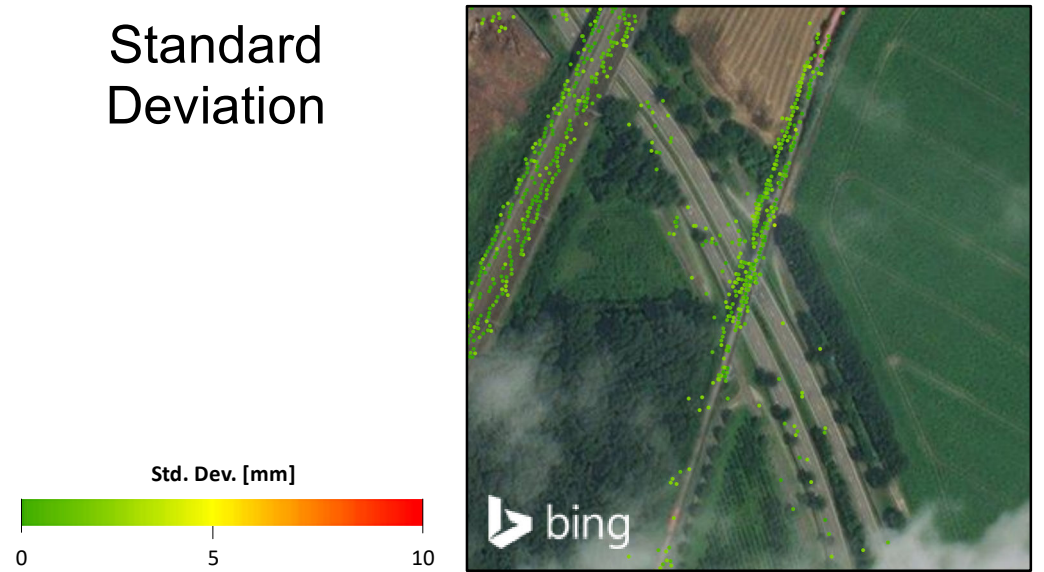
Surroundings



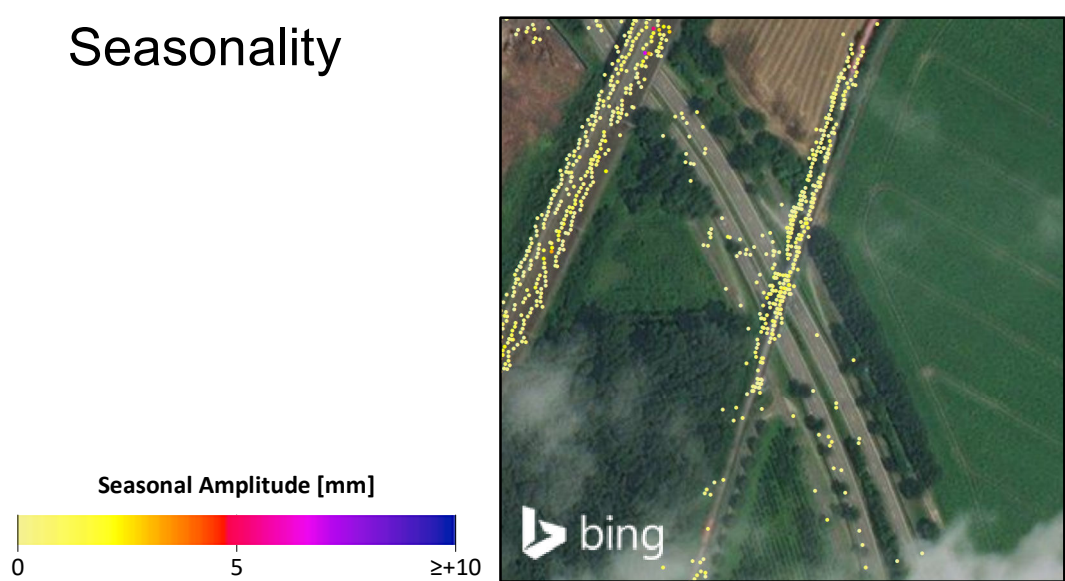
Deformation



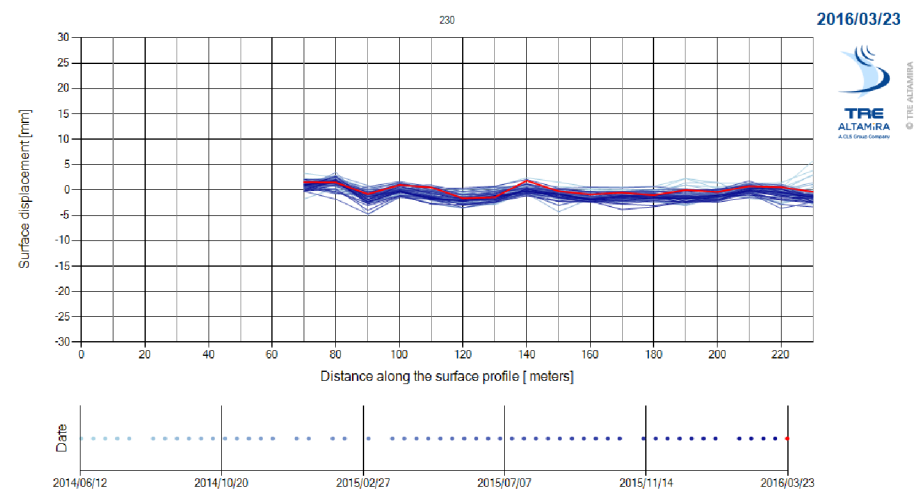
Standard Deviation



Seasonality



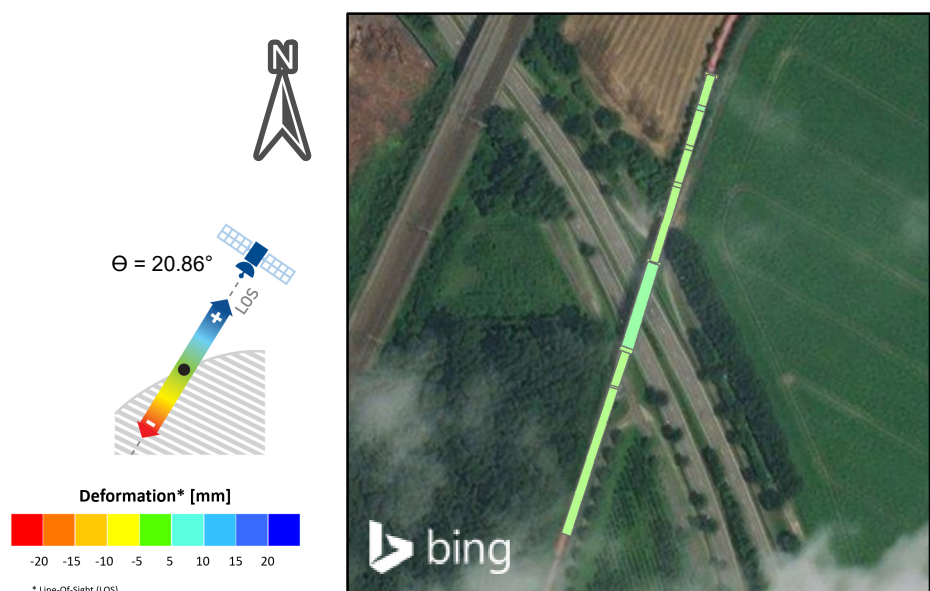
Deformation Profile*



* From west to east or/and south to north

Polygon Analysis*

* Base on seasonally filtered results



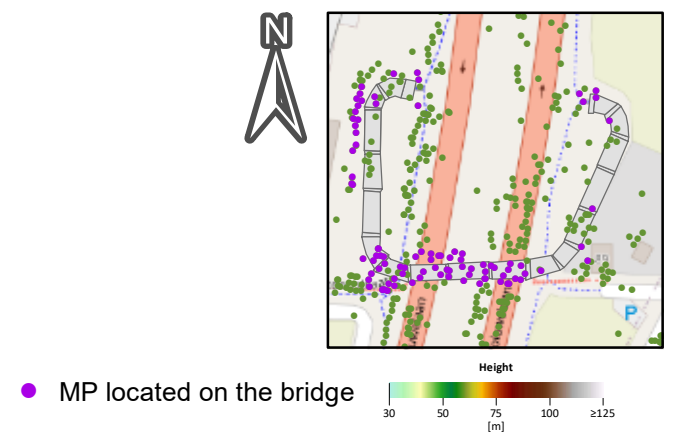
Alerting System



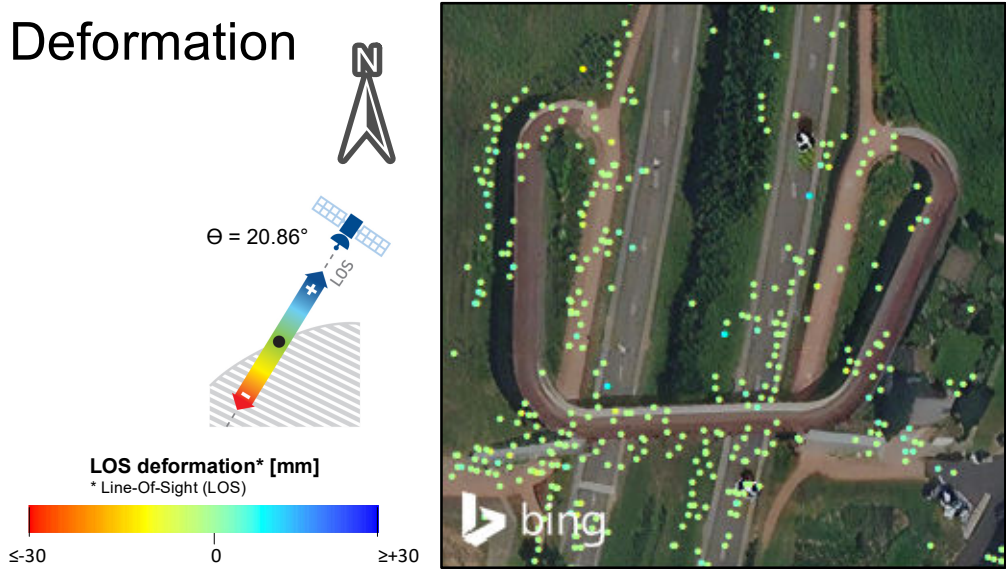
Surface Deformation Information

MP count	73	Avg_displ	0,21 mm	Avg_stdef	1,84 mm
PS count	70	Min_displ	-9,9 mm	Min_stdef	0,7 mm
DS count	3	Max_displ	8,4 mm	Max_stdef	3 mm
		Std_displ	2,95 mm		
Avg_vel	-0,11 mm/yr	Avg_seas	1,08 mm		
Min_vel	-3,7 mm/yr	Min_seas	0,23 mm		
Max_vel	2,2 mm/yr	Max_seas	3,57 mm		
Vel_std	0,93 mm/yr	Std_seas	0,75 mm		

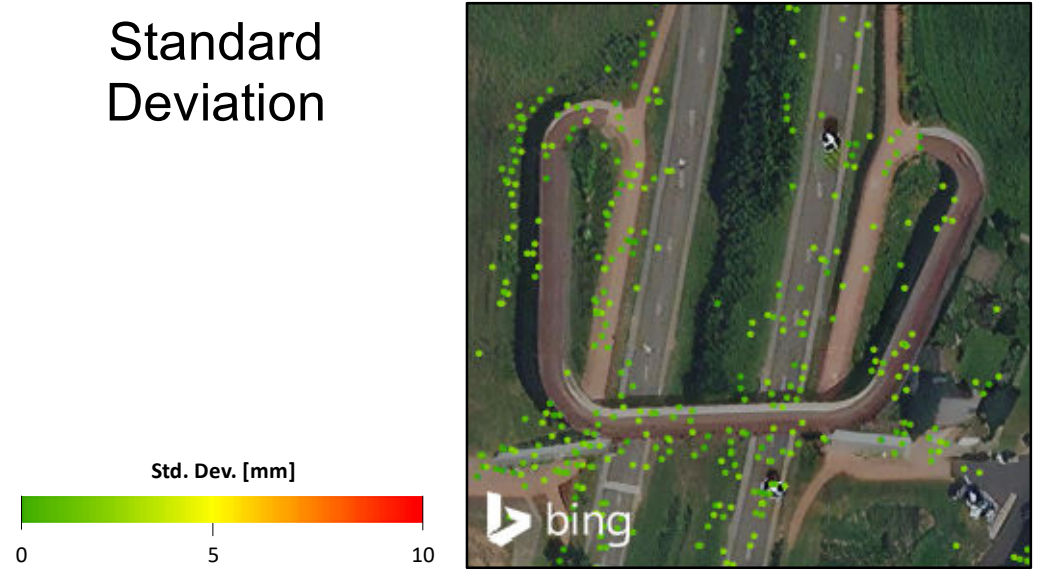
Surroundings



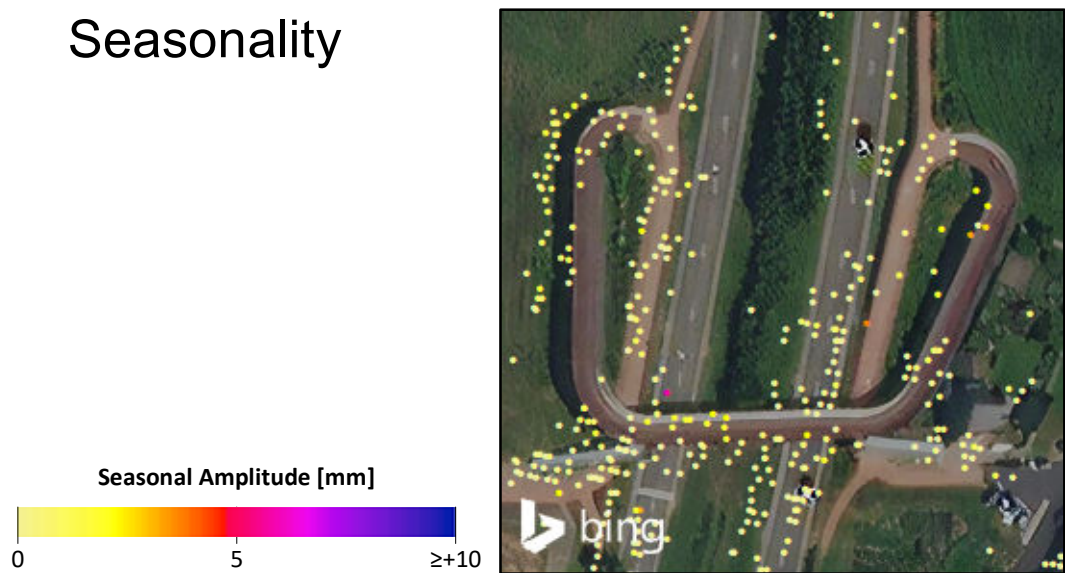
Deformation



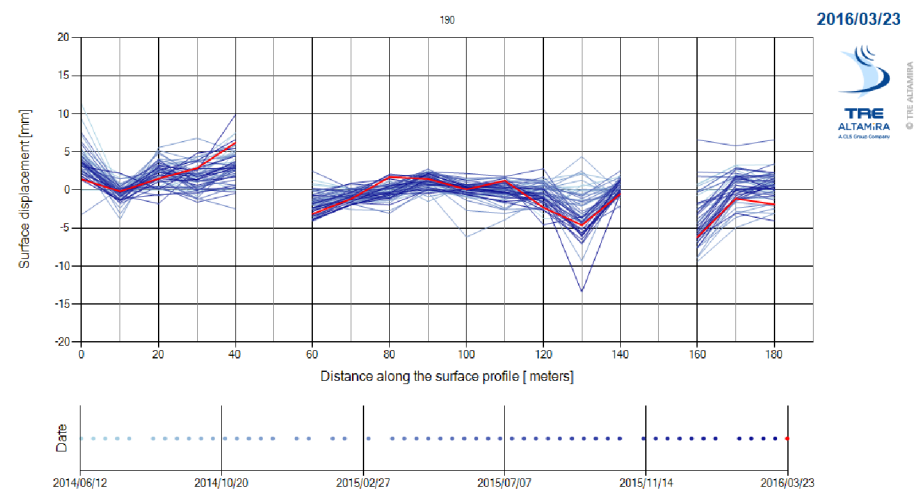
Standard Deviation



Seasonality



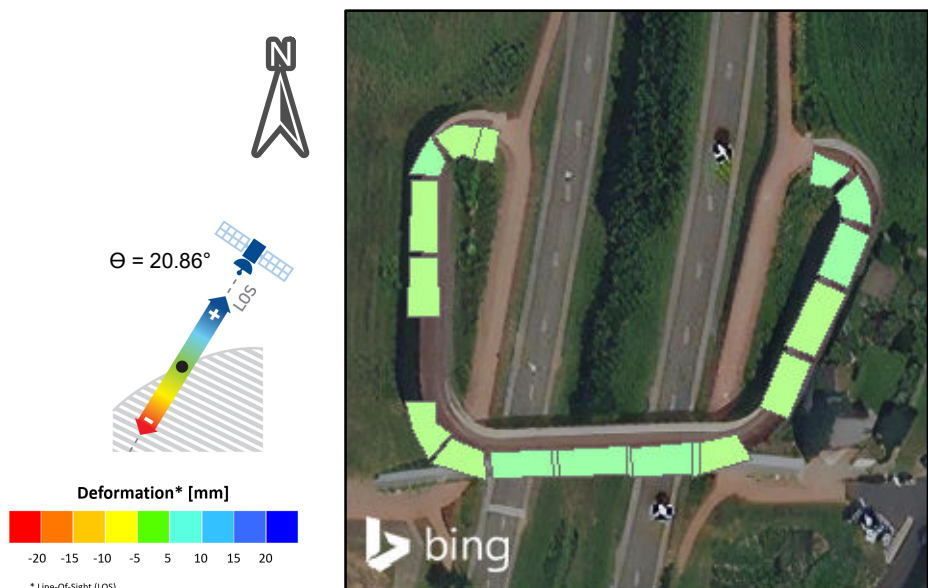
Deformation Profile*



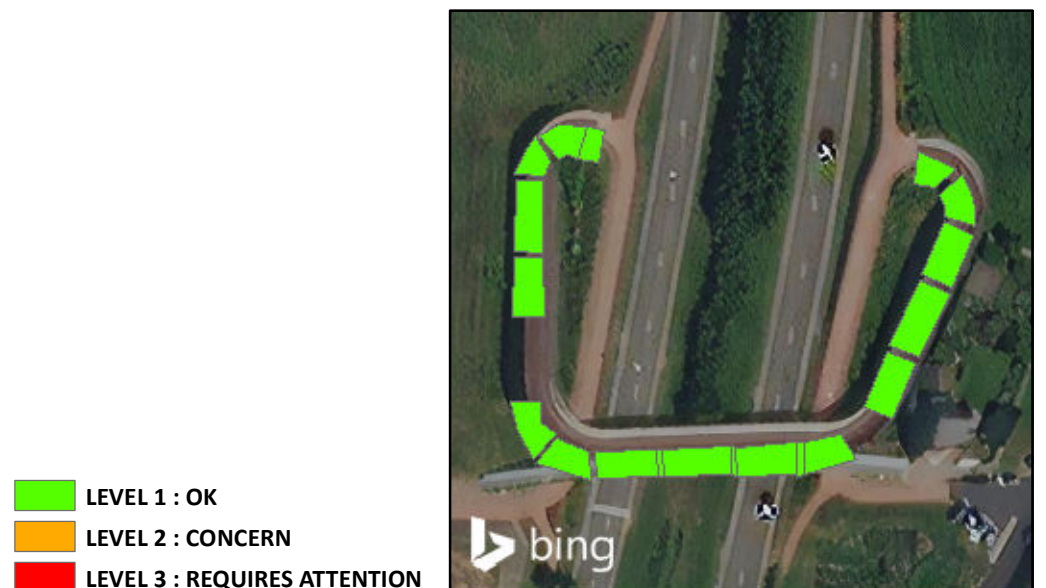
* From west to east or/and south to north

Polygon Analysis*

* Base on seasonally filtered results



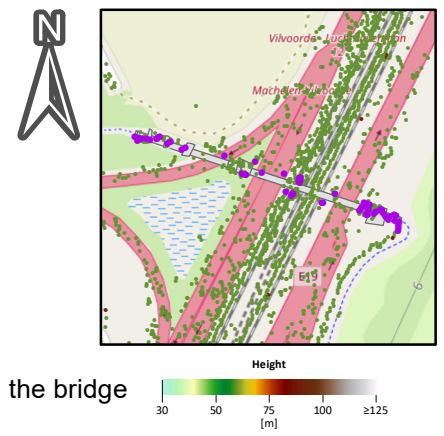
Alerting System



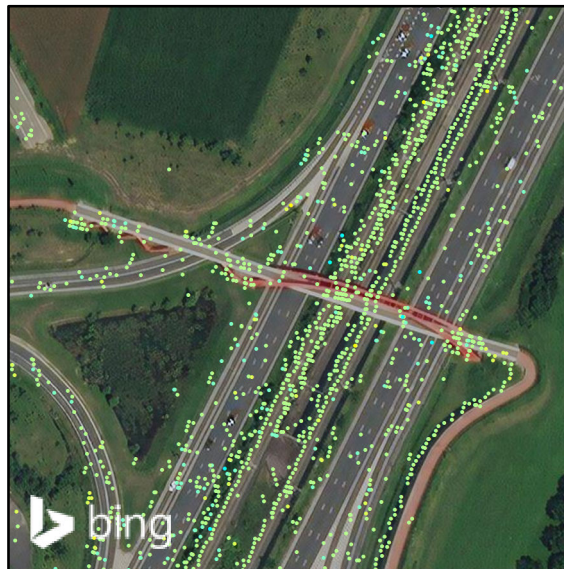
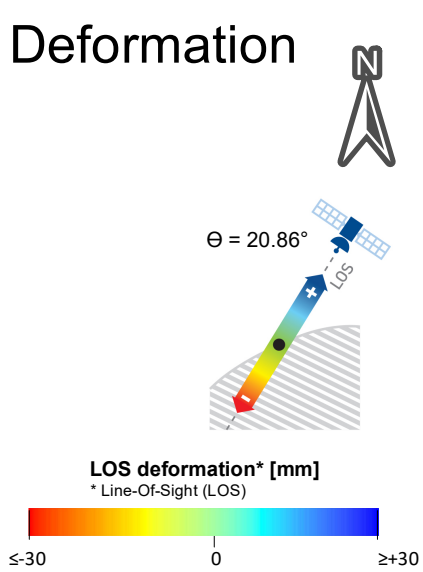
Surface Deformation Information

MP count	171	Avg_displ	1,45 mm	Avg_stdef	1,87 mm
PS count	155	Min_displ	-9,5 mm	Min_stdef	0,5 mm
DS count	16	Max_displ	10,4 mm	Max_stdef	4,7 mm
		Std_displ	3,38 mm		
Avg_vel	0,36 mm/yr	Avg_seas	1,11 mm		
Min_vel	-2,8 mm/yr	Min_seas	0,06 mm		
Max_vel	3,1 mm/yr	Max_seas	5,85 mm		
Vel_std	0,94 mm/yr	Std_seas	1,09 mm		

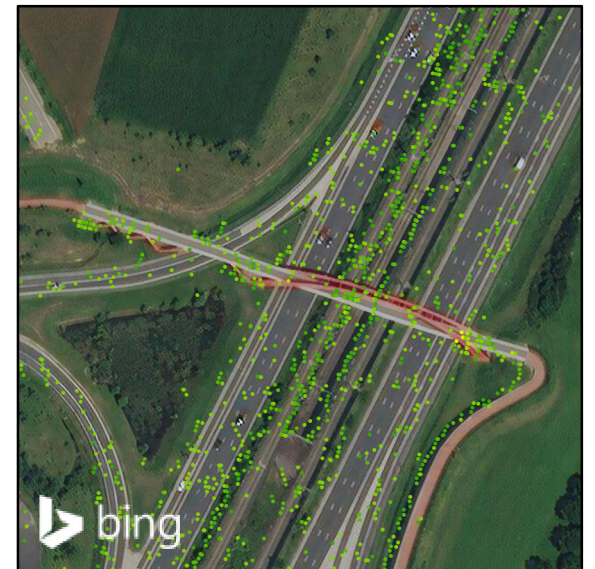
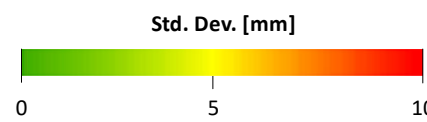
Surroundings



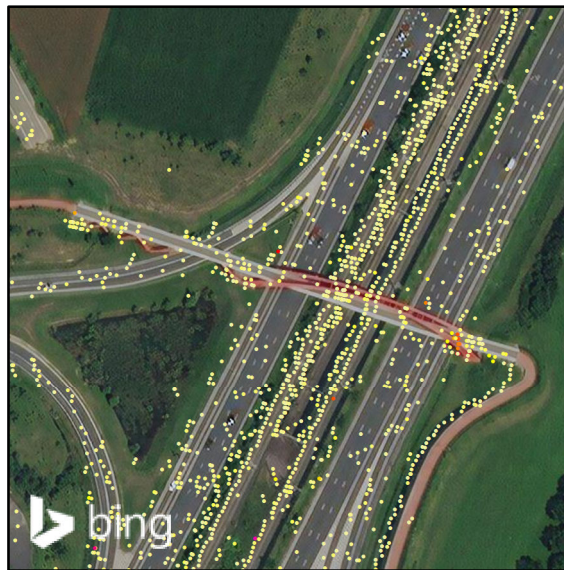
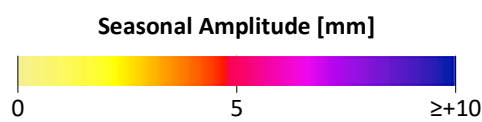
Deformation



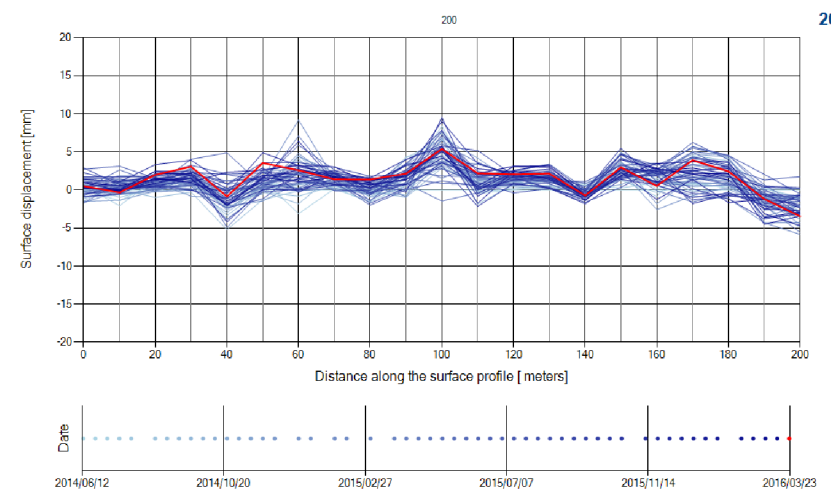
Standard Deviation



Seasonality



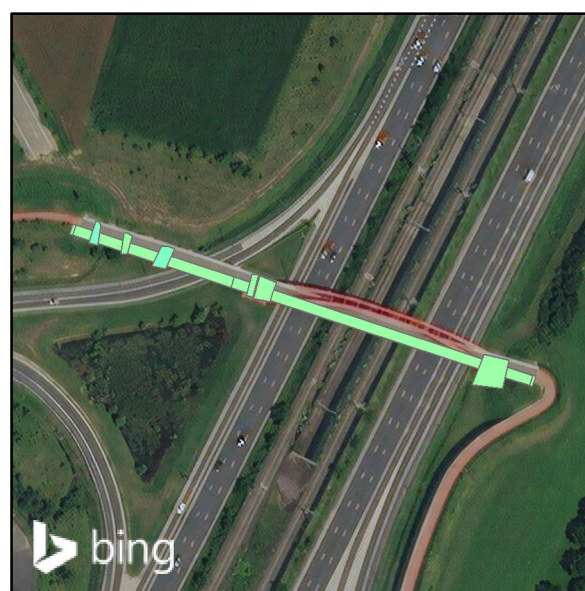
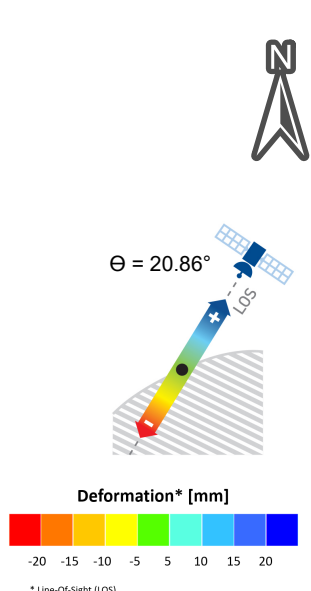
Deformation Profile*



* From west to east or/and south to north

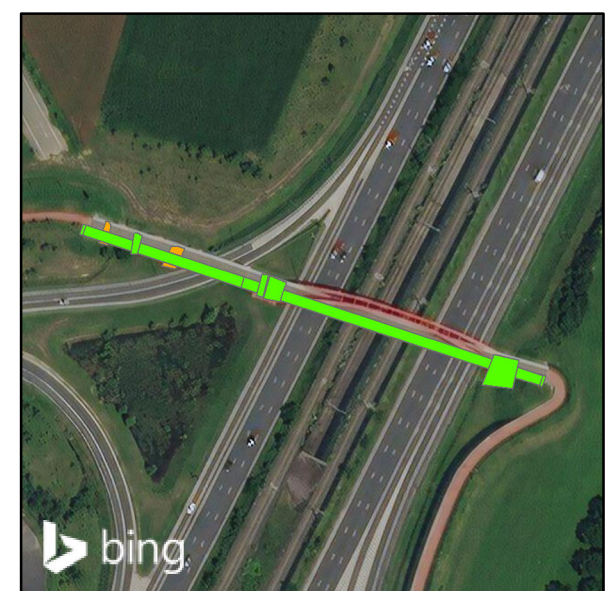
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

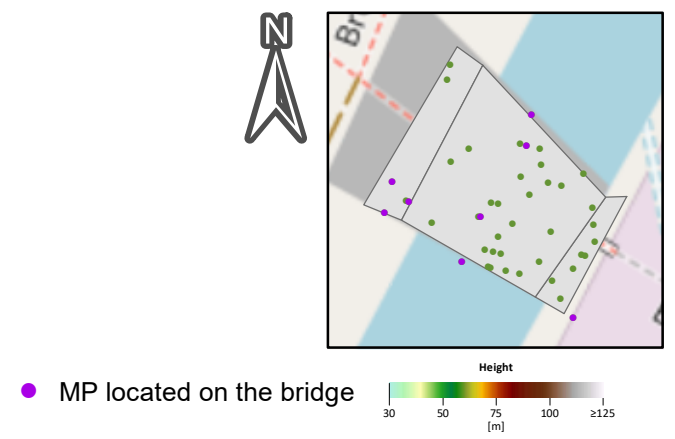
- LEVEL 1 : OK
- LEVEL 2 : CONCERN
- LEVEL 3 : REQUIRES ATTENTION



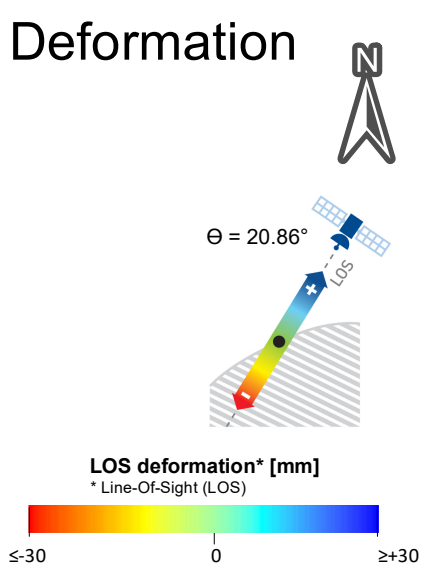
Surface Deformation Information

MP count	41	Avg_displ	0,48 mm	Avg_stdef	2,79 mm
PS count	31	Min_displ	-8,7 mm	Min_stdef	2 mm
DS count	10	Max_displ	14 mm	Max_stdef	3,7 mm
		Std_displ	7,61 mm		
Avg_vel	-1,57 mm/yr	Avg_seas	1,59 mm		
Min_vel	-9,1 mm/yr	Min_seas	0,15 mm		
Max_vel	9,7 mm/yr	Max_seas	10,43 mm		
Vel_std	4,35 mm/yr	Std_seas	1,54 mm		

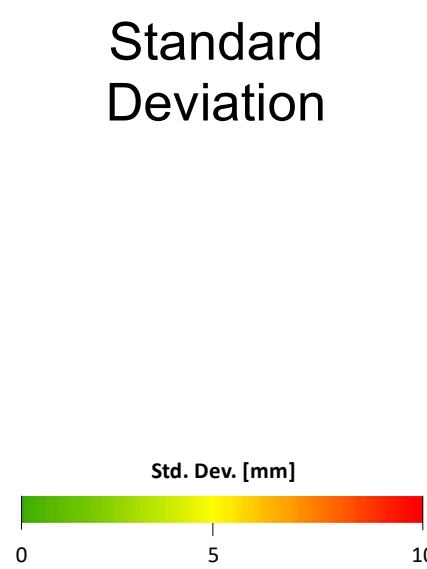
Surroundings



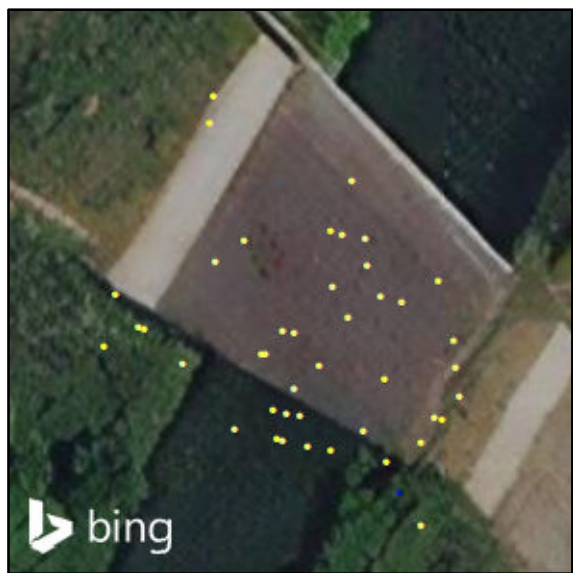
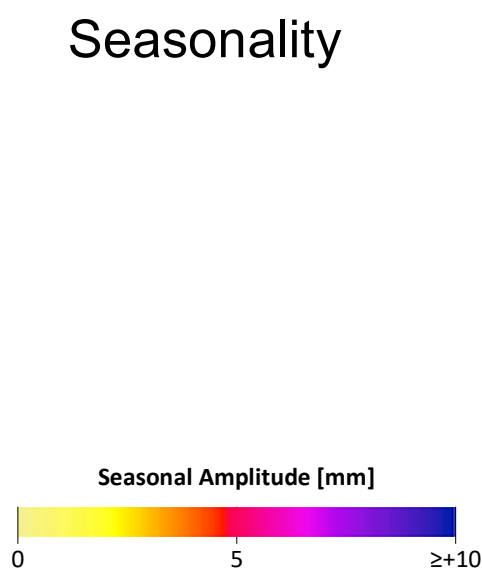
Deformation



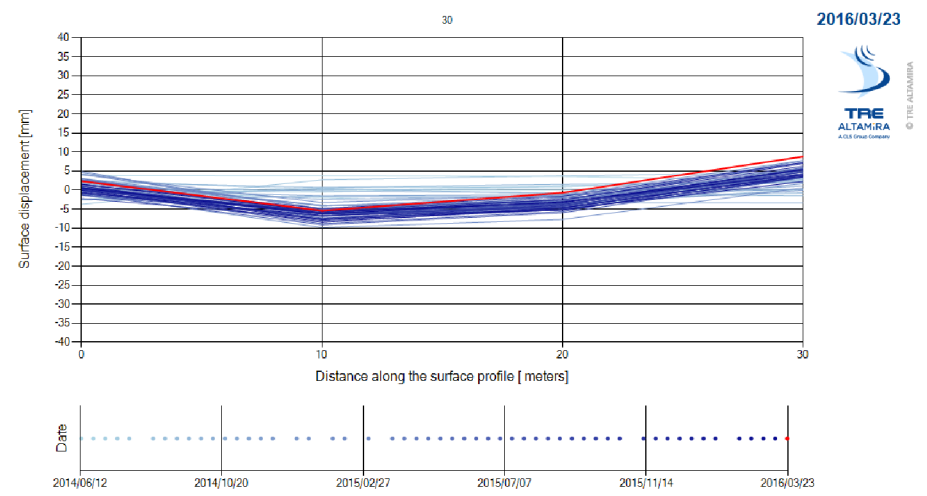
Standard Deviation



Seasonality



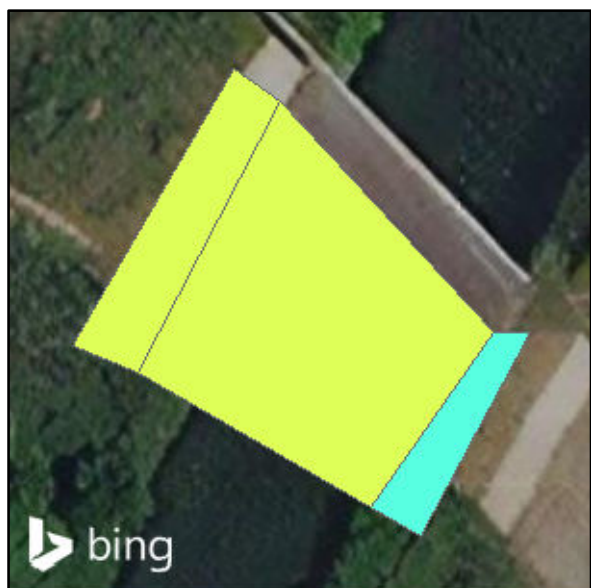
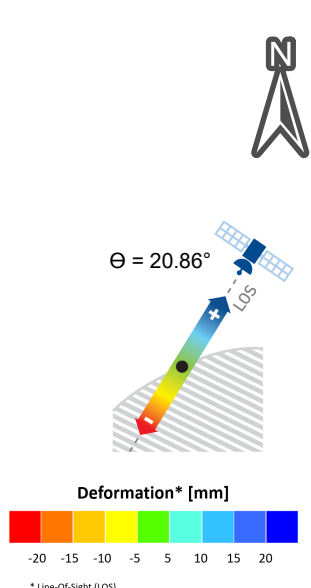
Deformation Profile*



* From west to east or/and south to north

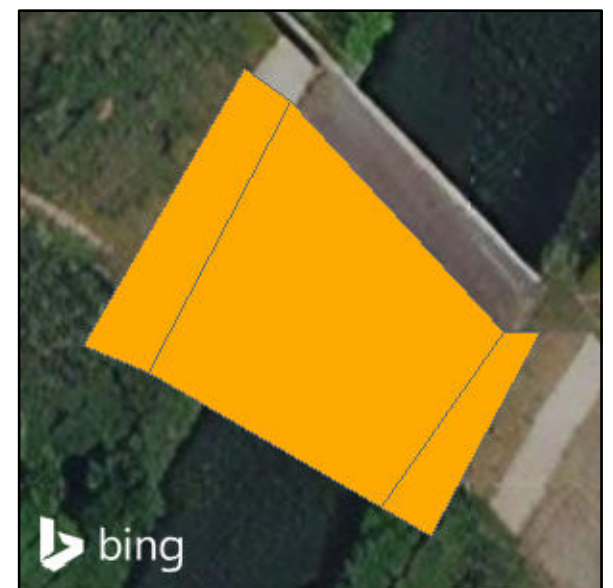
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

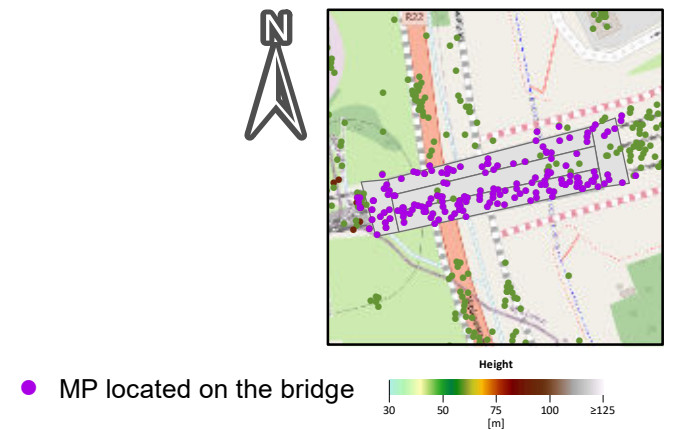
- LEVEL 1 : OK
- LEVEL 2 : CONCERN
- LEVEL 3 : REQUIRES ATTENTION



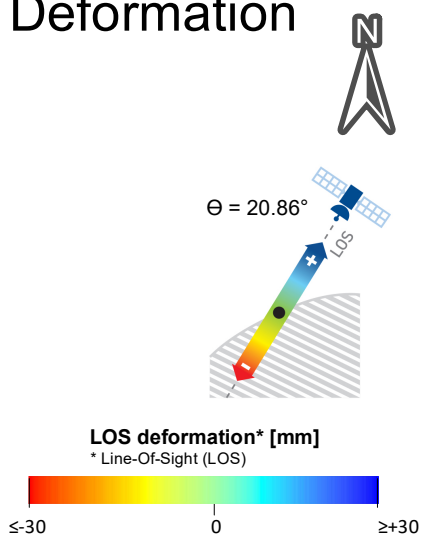
Surface Deformation Information

MP count	166	Avg_displ	-9,77 mm	Avg_stdef	2,77 mm
PS count	137	Min_displ	-34,2 mm	Min_stdef	0,9 mm
DS count	29	Max_displ	3,8 mm	Max_stdef	4,9 mm
		Std_displ	7,41 mm		
Avg_vel	-5,38 mm/yr	Avg_seas	3,39 mm		
Min_vel	-17,2 mm/yr	Min_seas	0,09 mm		
Max_vel	2,1 mm/yr	Max_seas	8,32 mm		
Vel_std	4,06 mm/yr	Std_seas	2,12 mm		

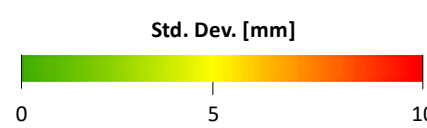
Surroundings



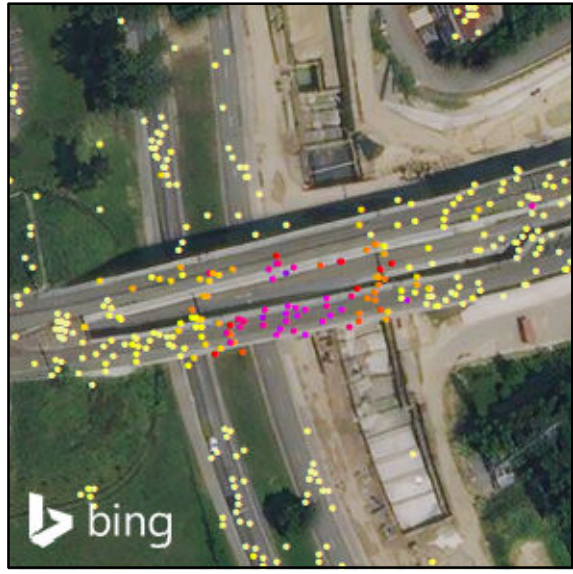
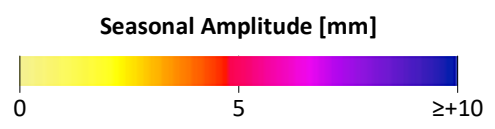
Deformation



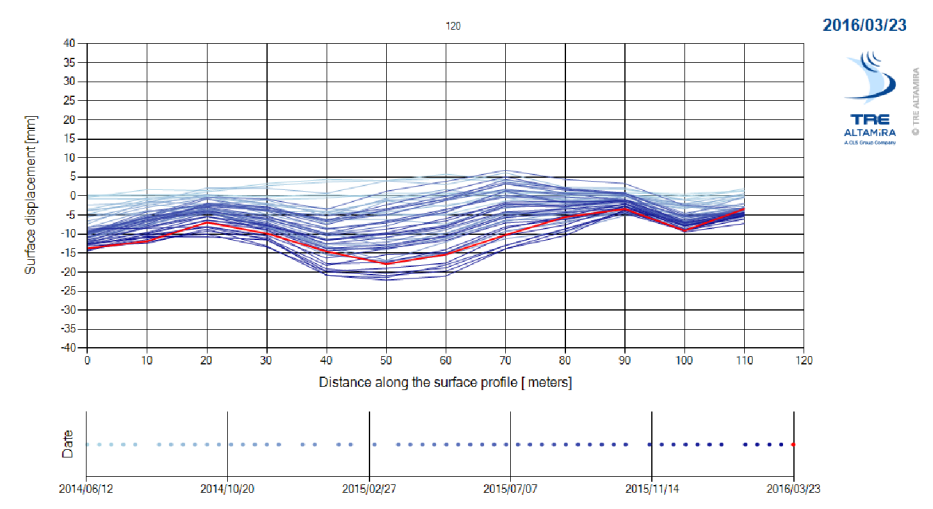
Standard Deviation



Seasonality



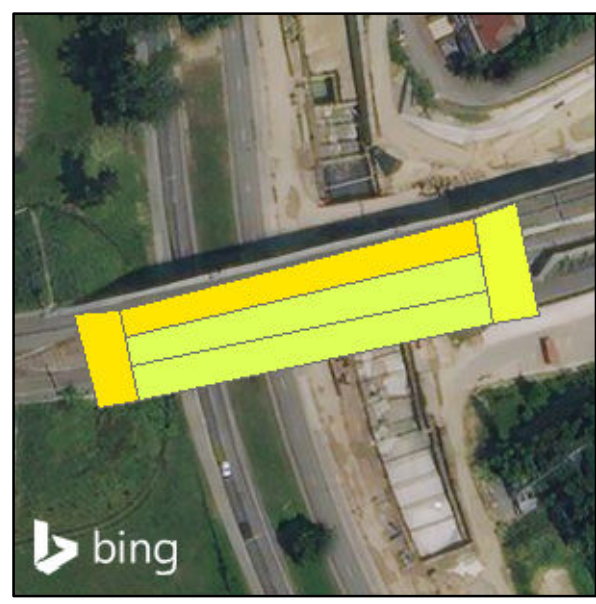
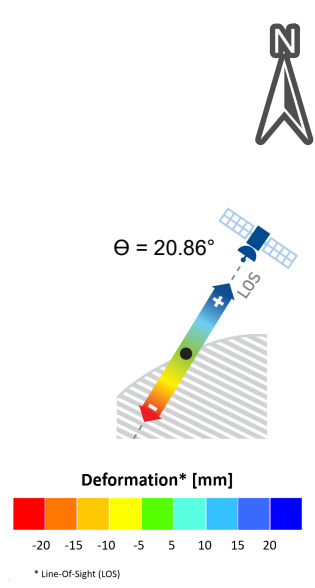
Deformation Profile*



* From west to east or/and south to north

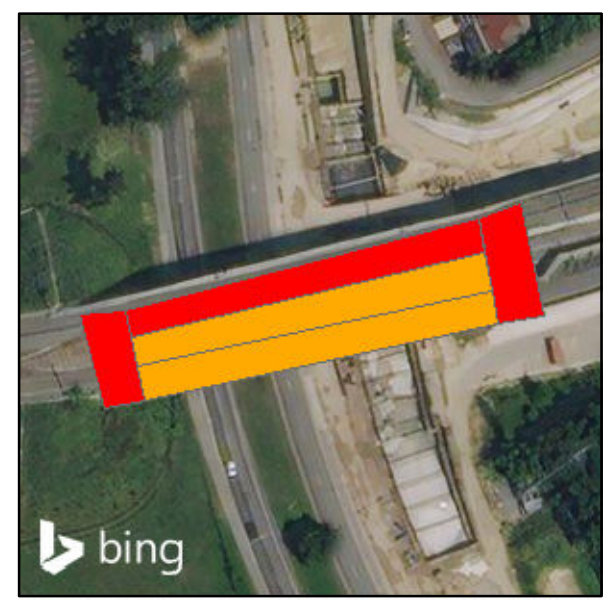
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

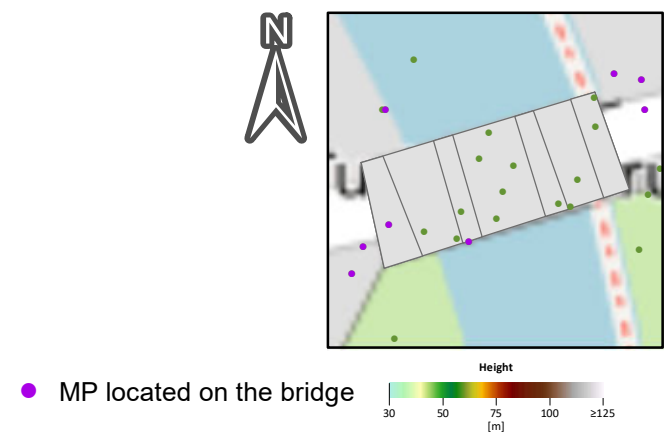
- LEVEL 1 : OK
- LEVEL 2 : CONCERN
- LEVEL 3 : REQUIRES ATTENTION



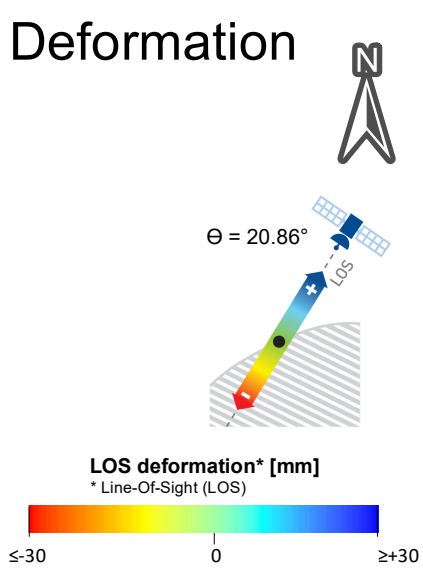
Surface Deformation Information

MP count	14	Avg_displ	0,01 mm	Avg_stdef	1,51 mm
PS count	14	Min_displ	-3,8 mm	Min_stdef	0,6 mm
DS count	0	Max_displ	4 mm	Max_stdef	2,4 mm
		Std_displ	2,02 mm		
Avg_vel	0,07 mm/yr	Avg_seas	0,56 mm		
Min_vel	-0,7 mm/yr	Min_seas	0,08 mm		
Max_vel	0,9 mm/yr	Max_seas	1,33 mm		
Vel_std	0,5 mm/yr	Std_seas	0,37 mm		

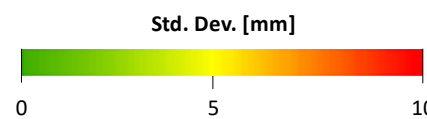
Surroundings



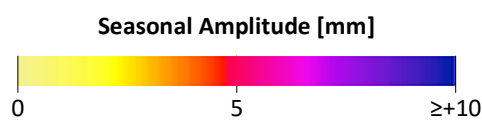
Deformation



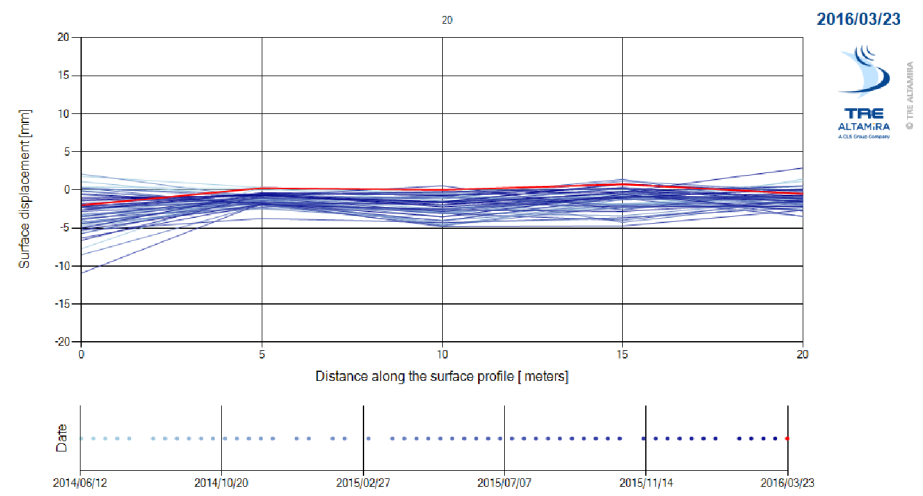
Standard Deviation



Seasonality



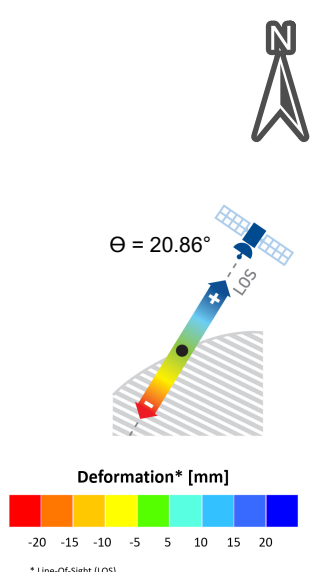
Deformation Profile*



* From west to east or/and south to north

Polygon Analysis*

* Base on seasonally filtered results



Alerting System

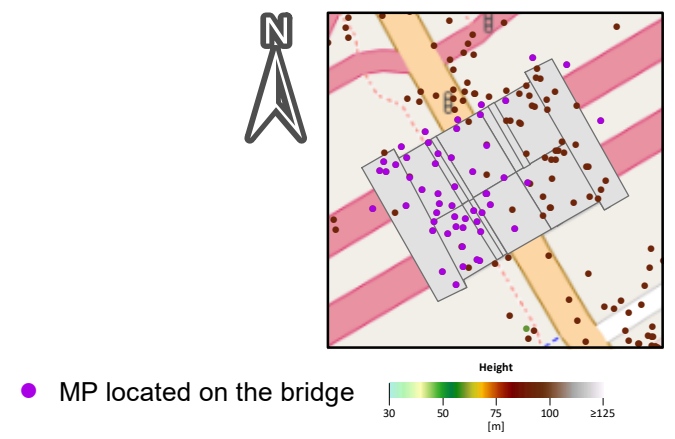
- LEVEL 1 : OK
- LEVEL 2 : CONCERN
- LEVEL 3 : REQUIRES ATTENTION



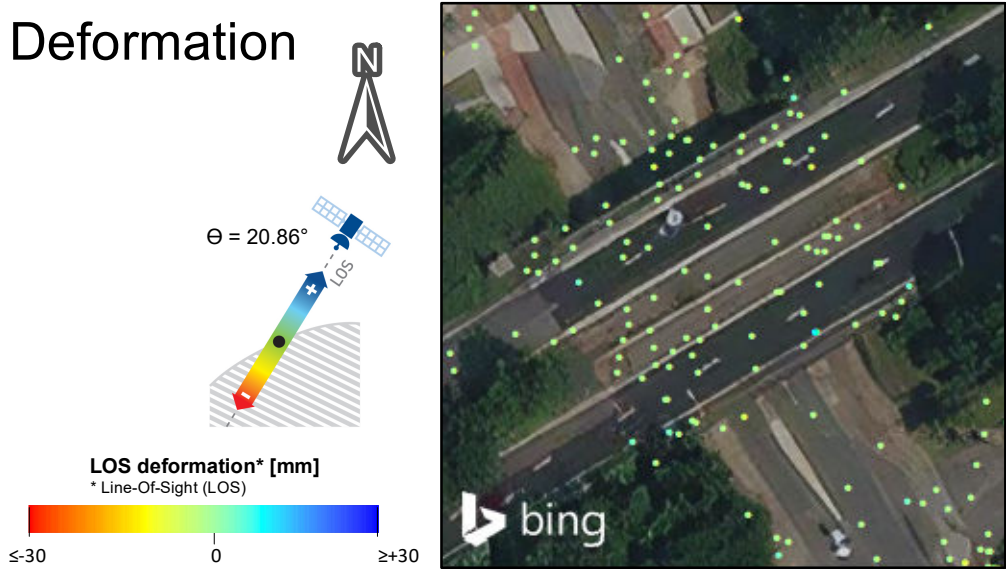
Surface Deformation Information

MP count	97	Avg_displ	1,54 mm	Avg_stdef	1,57 mm
PS count	47	Min_displ	-6,4 mm	Min_stdef	0,7 mm
DS count	50	Max_displ	10,9 mm	Max_stdef	3,2 mm
		Std_displ	2,43 mm		
Avg_vel	-0,08 mm/yr	Avg_seas	0,69 mm		
Min_vel	-2 mm/yr	Min_seas	0,11 mm		
Max_vel	1,8 mm/yr	Max_seas	2,28 mm		
Vel_std	0,64 mm/yr	Std_seas	0,45 mm		

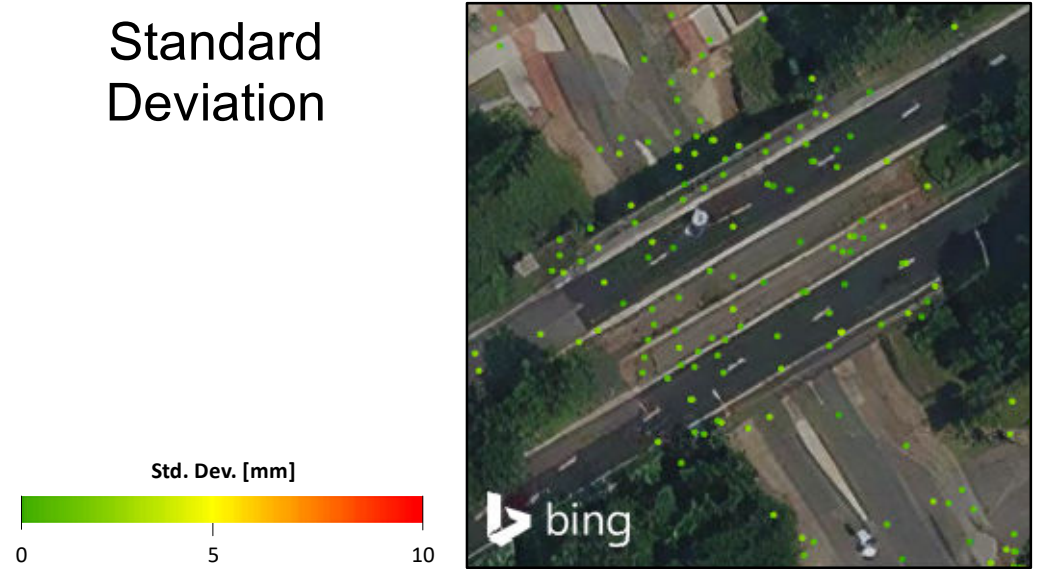
Surroundings



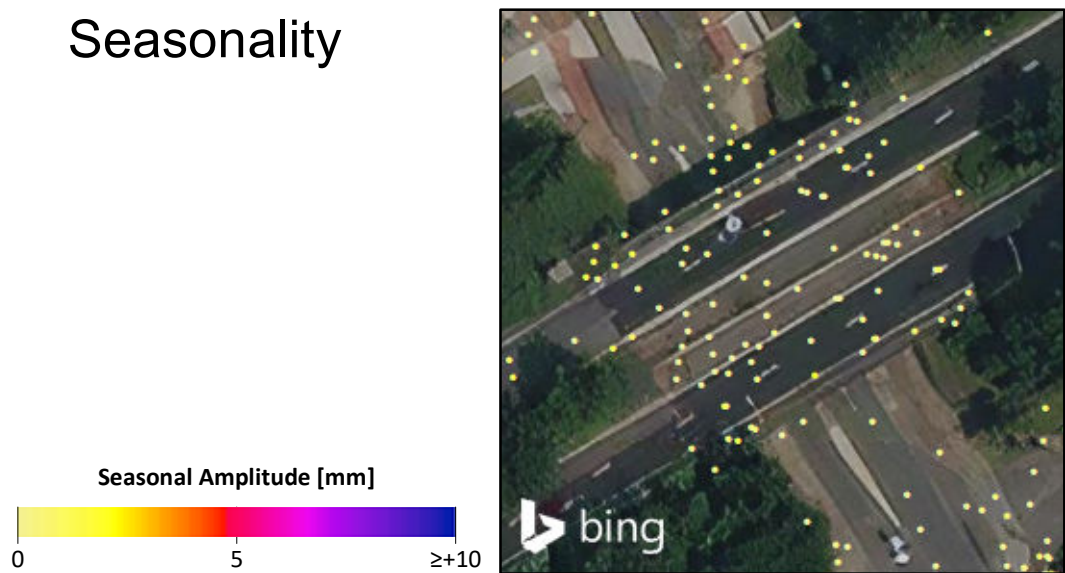
Deformation



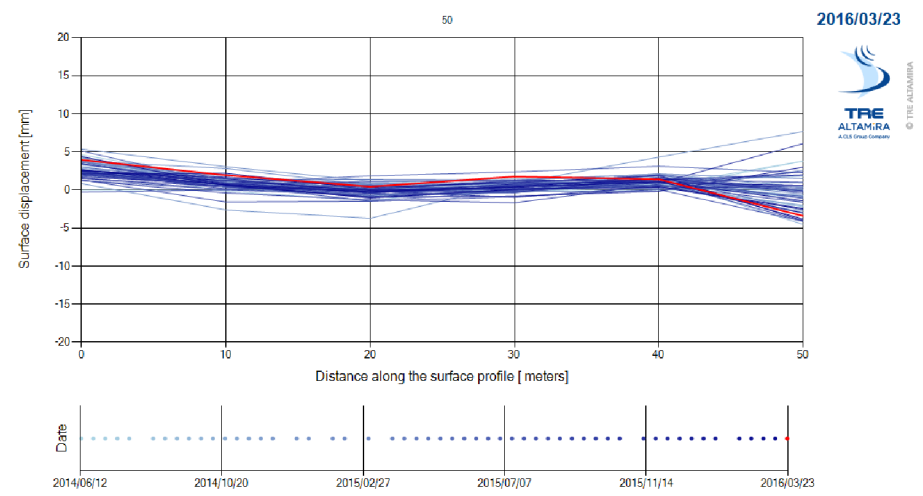
Standard Deviation



Seasonality



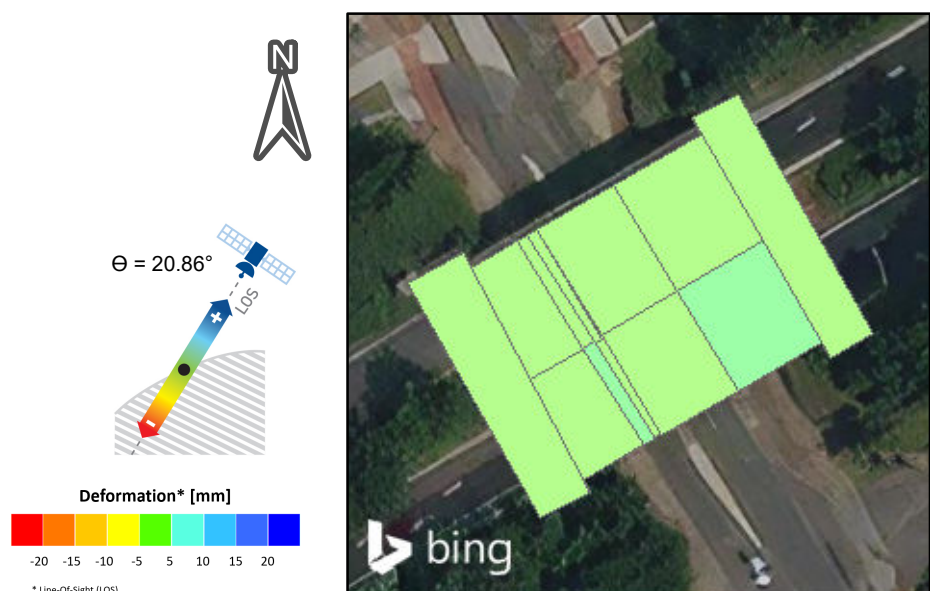
Deformation Profile*



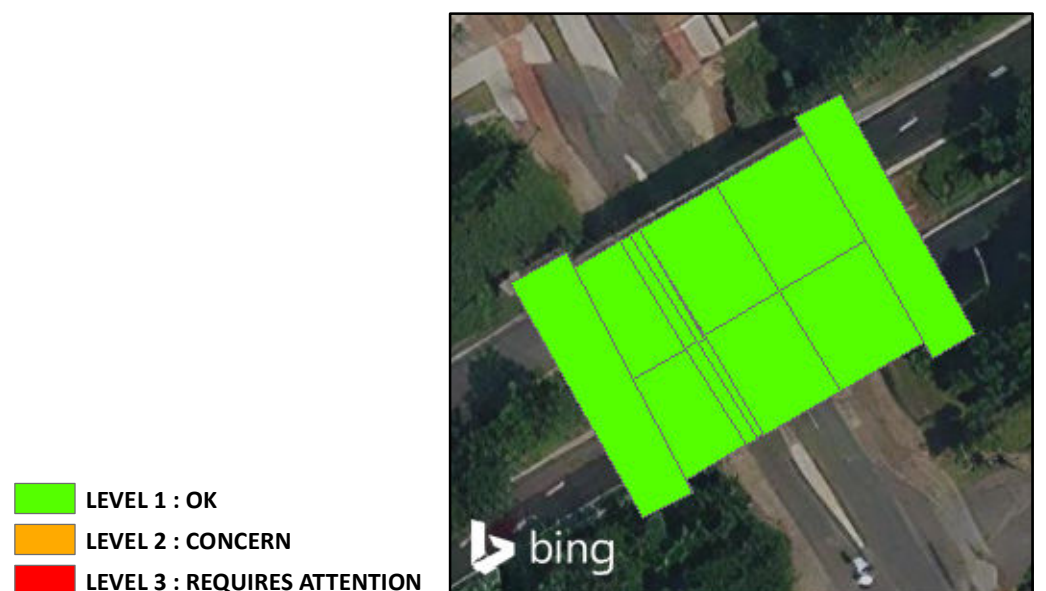
* From west to east or/and south to north

Polygon Analysis*

* Base on seasonally filtered results



Alerting System



TerraSAR-X analysis - Bridge N°18 Year of construction: 1976

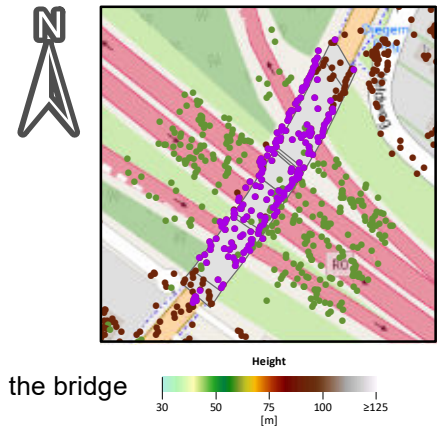
2014.06.13 - 2016.03.23



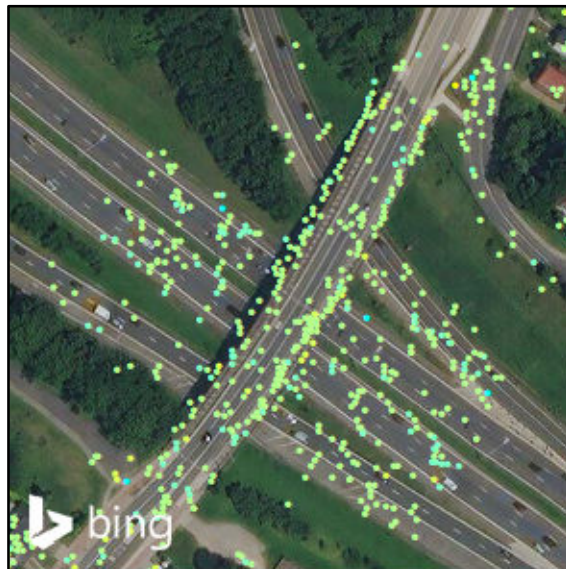
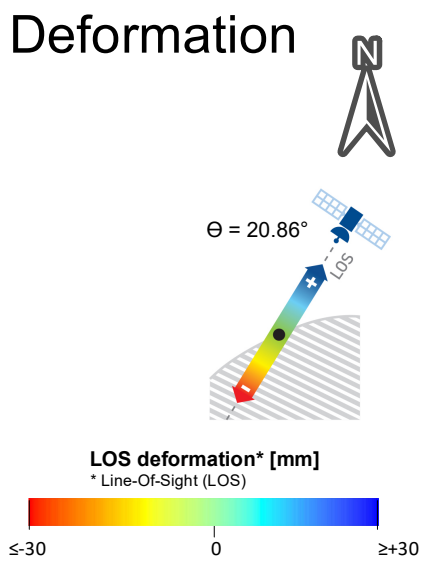
Surface Deformation Information

MP count 200	Avg_displ 0,86 mm	Avg_stdef 1,7 mm
PS count 165	Min_displ -9,9 mm	Min_stdef 0,6 mm
DS count 35	Max_displ 8,6 mm	Max_stdef 3,3 mm
	Std_displ 3,57 mm	
Avg_vel 0,18 mm/yr	Avg_seas 0,98 mm	
Min_vel -4,1 mm/yr	Min_seas 0,06 mm	
Max_vel 3,4 mm/yr	Max_seas 4,07 mm	
Vel_std 1,14 mm/yr	Std_seas 0,56 mm	

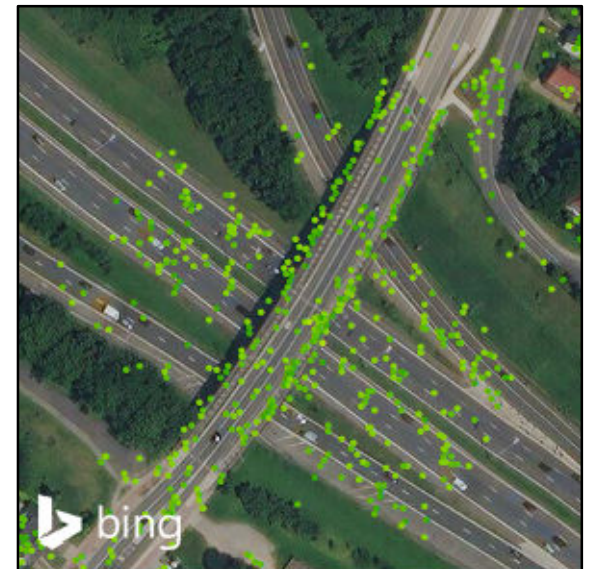
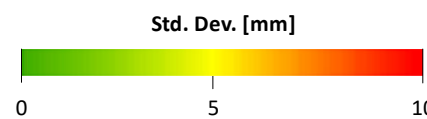
Surroundings



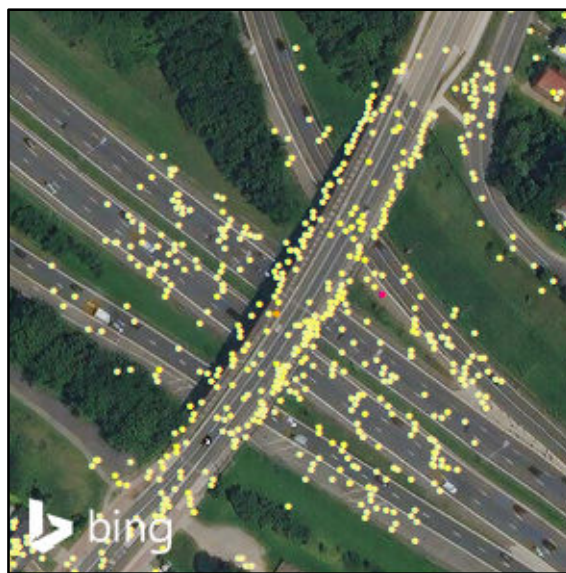
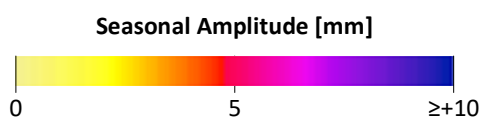
Deformation



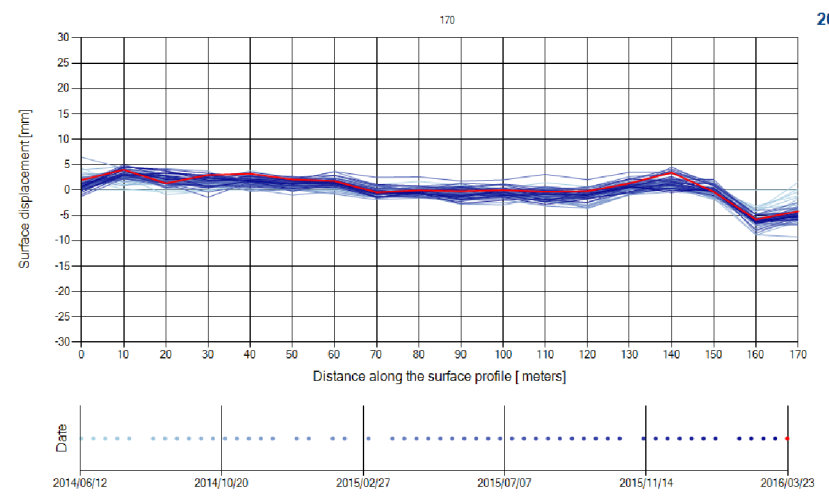
Standard Deviation



Seasonality



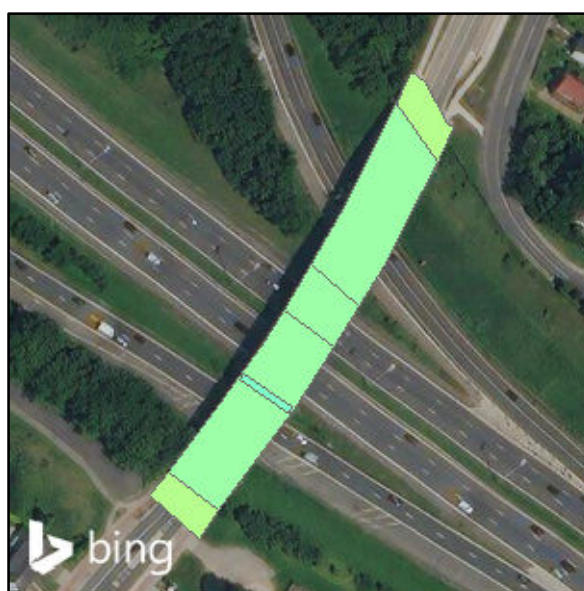
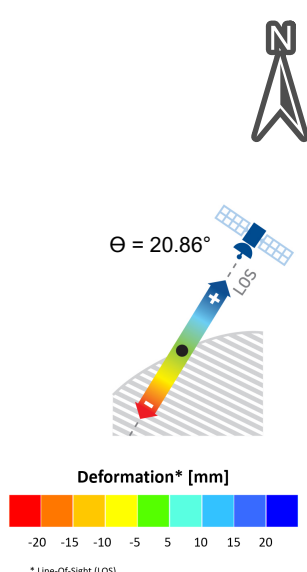
Deformation Profile*



* From west to east or/and south to north

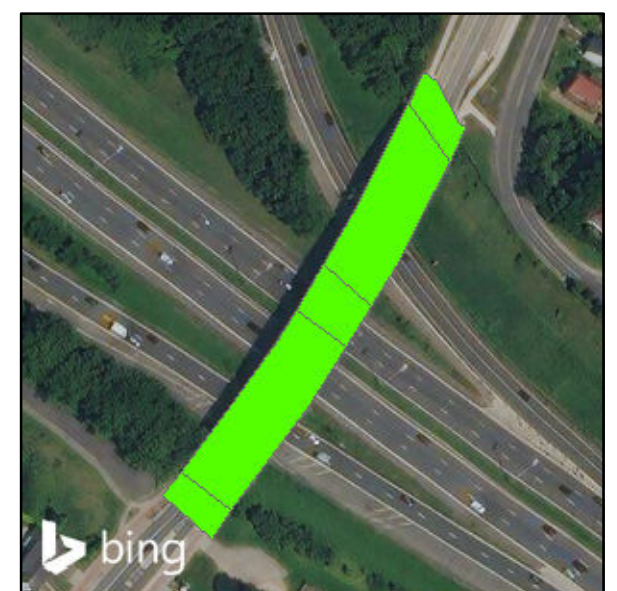
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

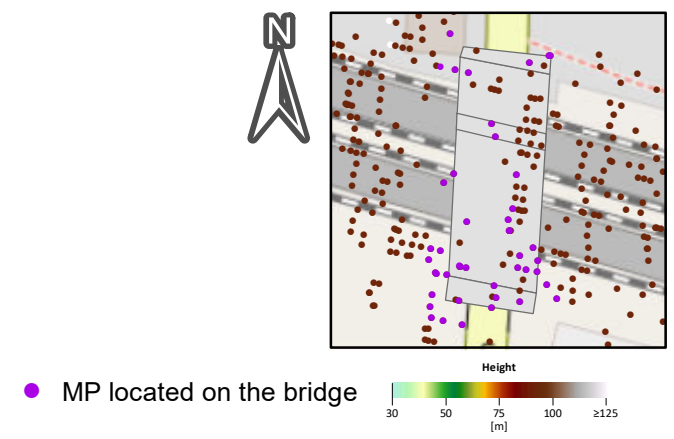
- LEVEL 1 : OK
- LEVEL 2 : CONCERN
- LEVEL 3 : REQUIRES ATTENTION



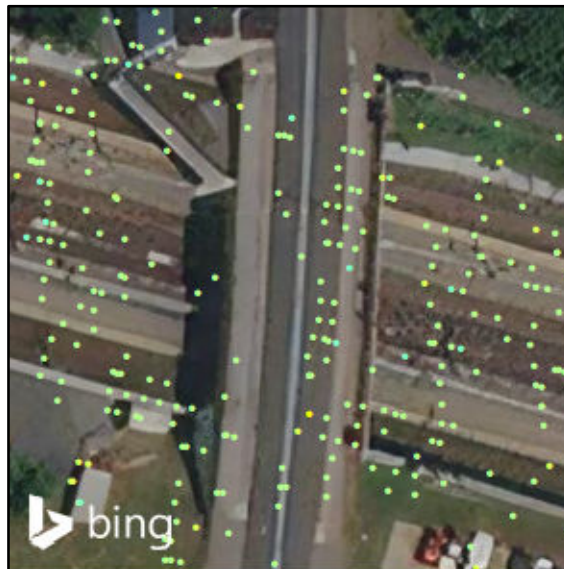
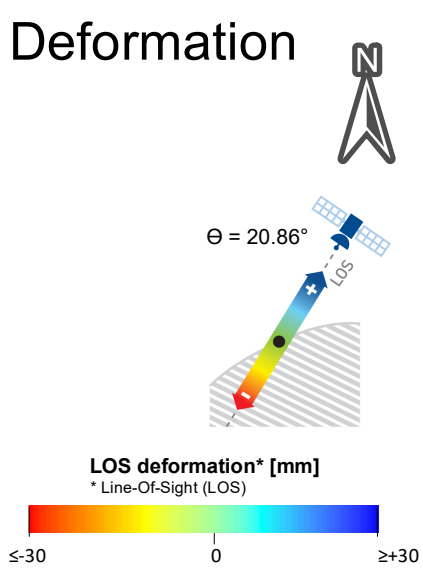
Surface Deformation Information

MP count	67	Avg_displ	-0,09 mm	Avg_stdef	1,83 mm
PS count	64	Min_displ	-10,5 mm	Min_stdef	0,7 mm
DS count	3	Max_displ	5,8 mm	Max_stdef	3,1 mm
		Std_displ	2,99 mm		
Avg_vel	-0,37 mm/yr	Avg_seas	0,71 mm		
Min_vel	-2,8 mm/yr	Min_seas	0,08 mm		
Max_vel	1,6 mm/yr	Max_seas	2,1 mm		
Vel_std	0,89 mm/yr	Std_seas	0,42 mm		

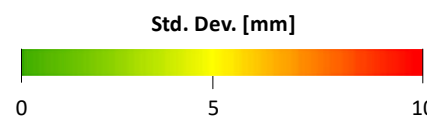
Surroundings



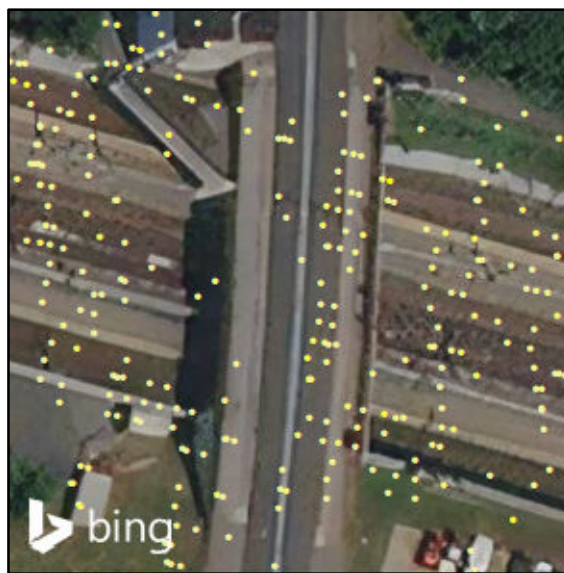
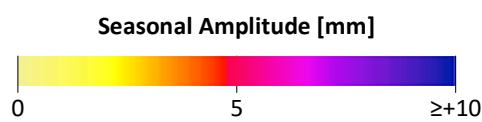
Deformation



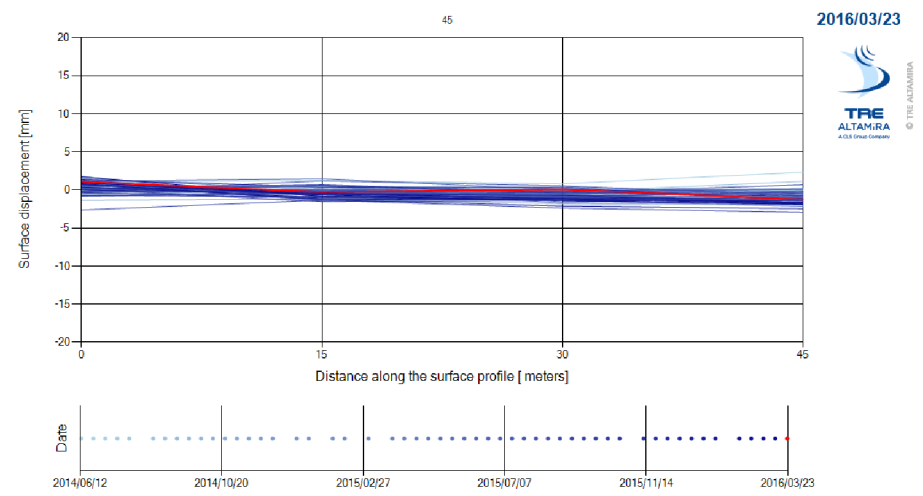
Standard Deviation



Seasonality



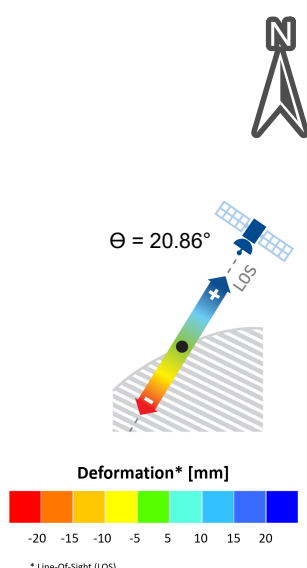
Deformation Profile*



* From west to east or/and south to north

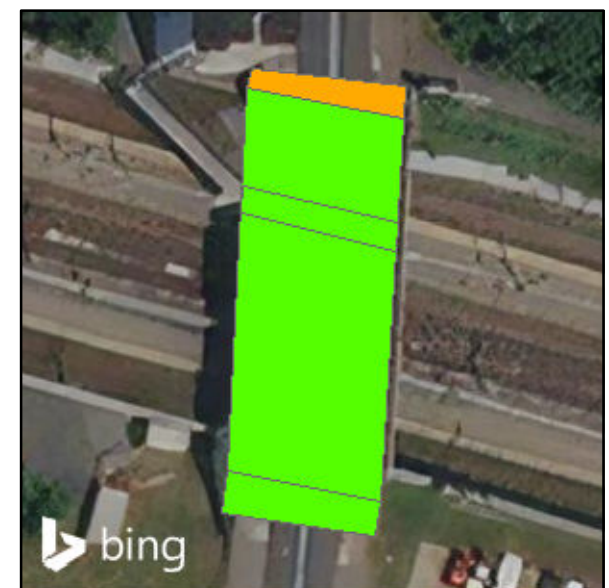
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

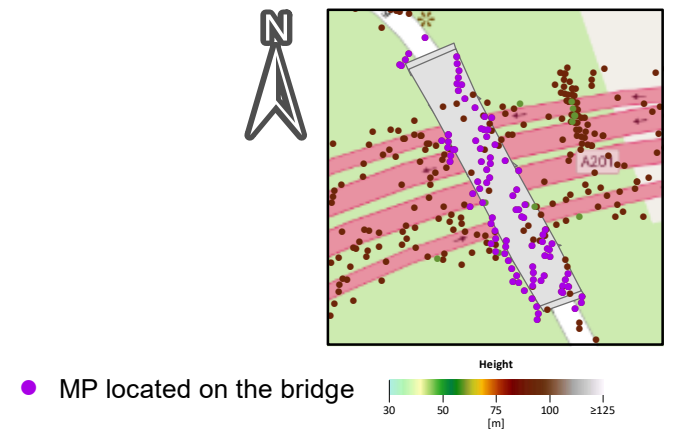
- LEVEL 1 : OK
- LEVEL 2 : CONCERN
- LEVEL 3 : REQUIRES ATTENTION



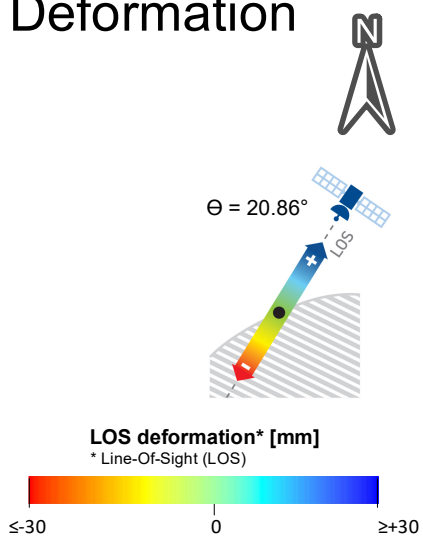
Surface Deformation Information

MP count	93	Avg_displ	1,44 mm	Avg_stdef	1,77 mm
PS count	81	Min_displ	-8,6 mm	Min_stdef	0,7 mm
DS count	12	Max_displ	10,4 mm	Max_stdef	3,6 mm
		Std_displ	3,27 mm		
Avg_vel	0,32 mm/yr	Avg_seas	0,85 mm		
Min_vel	-2 mm/yr	Min_seas	0,02 mm		
Max_vel	2,3 mm/yr	Max_seas	2,43 mm		
Vel_std	0,8 mm/yr	Std_seas	0,52 mm		

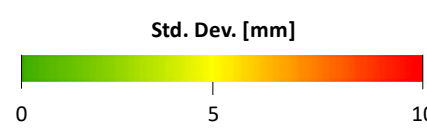
Surroundings



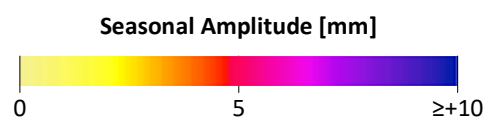
Deformation



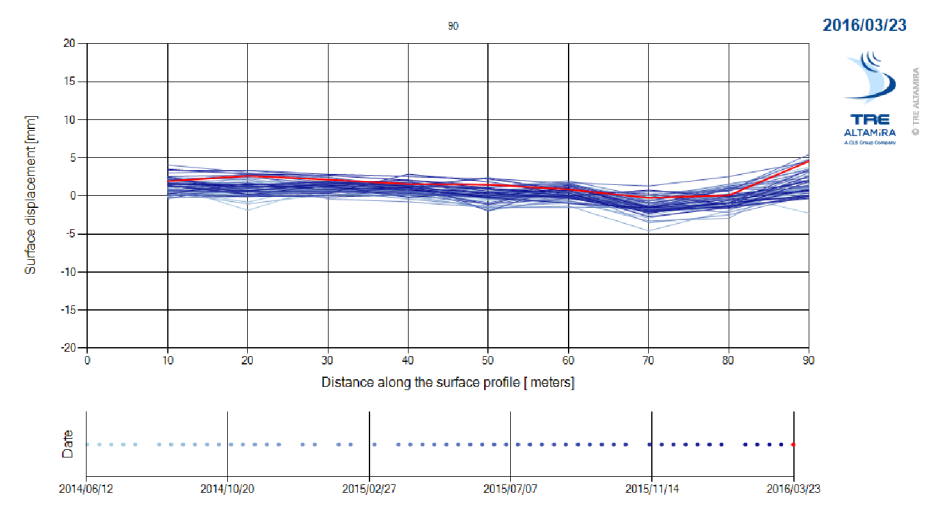
Standard Deviation



Seasonality



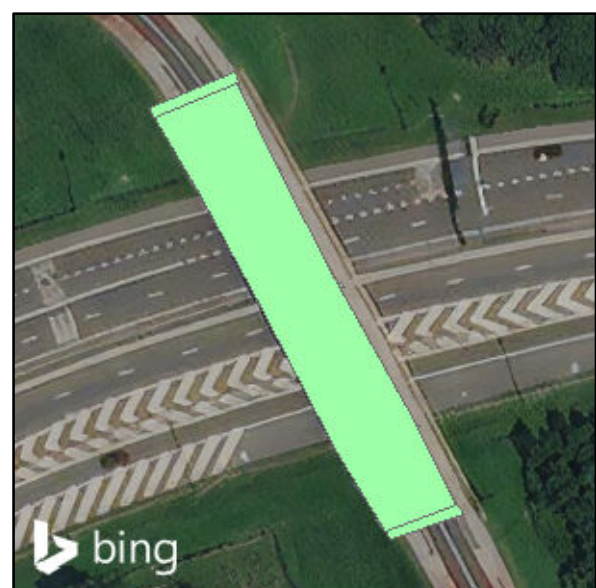
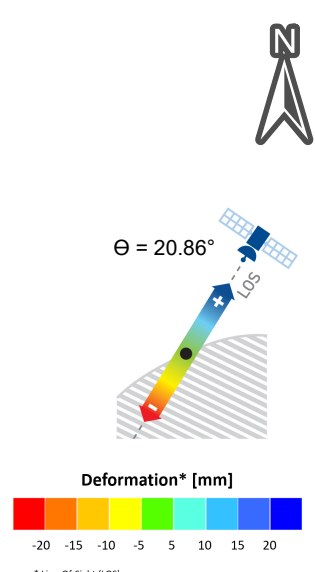
Deformation Profile*



* From west to east or/and south to north

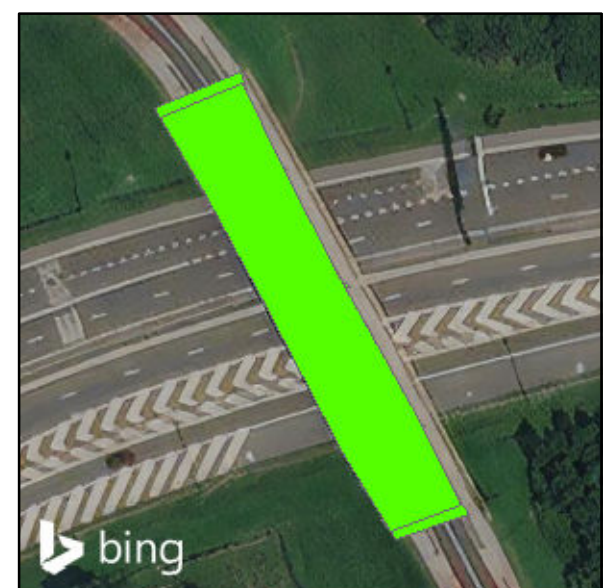
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

- LEVEL 1 : OK
- LEVEL 2 : CONCERN
- LEVEL 3 : REQUIRES ATTENTION



TerraSAR-X analysis - Bridge N°21 Year of construction: 1975

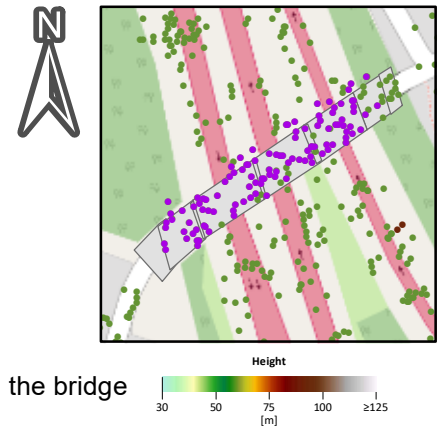
2014.06.13 - 2016.03.23



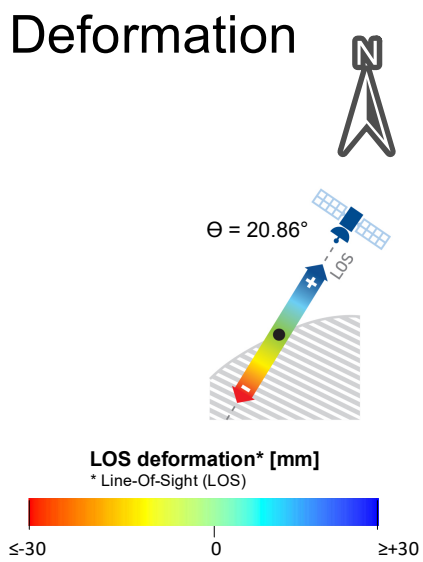
Surface Deformation Information

MP count	121	Avg_displ	0,13 mm	Avg_stdef	1,68 mm
PS count	74	Min_displ	-18,6 mm	Min_stdef	0,7 mm
DS count	47	Max_displ	8 mm	Max_stdef	3,4 mm
		Std_displ	3,41 mm		
Avg_vel	0,42 mm/yr	Avg_seas	1,13 mm		
Min_vel	-4,9 mm/yr	Min_seas	0,09 mm		
Max_vel	2,4 mm/yr	Max_seas	3,45 mm		
Vel_std	1,04 mm/yr	Std_seas	0,77 mm		

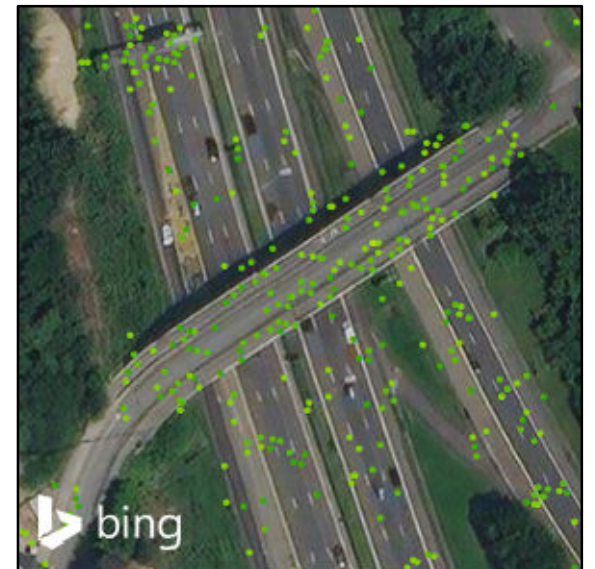
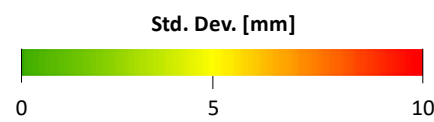
Surroundings



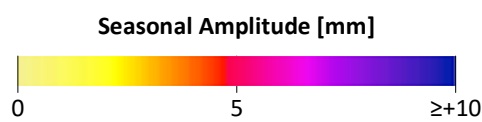
Deformation



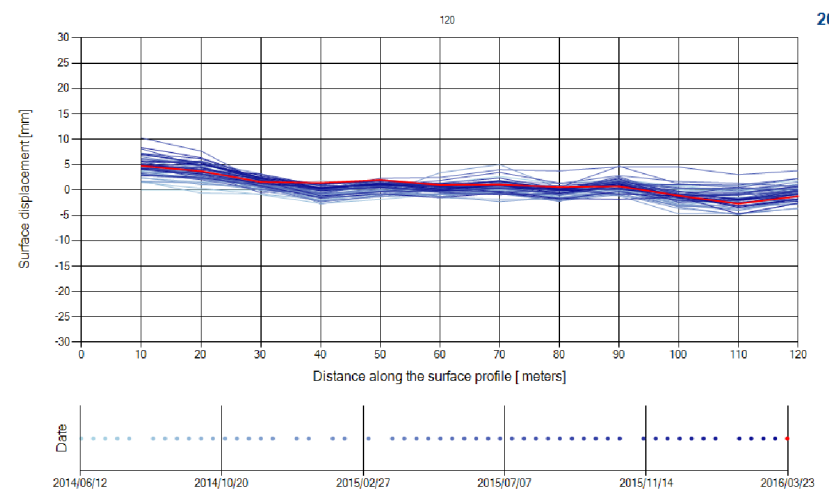
Standard Deviation



Seasonality



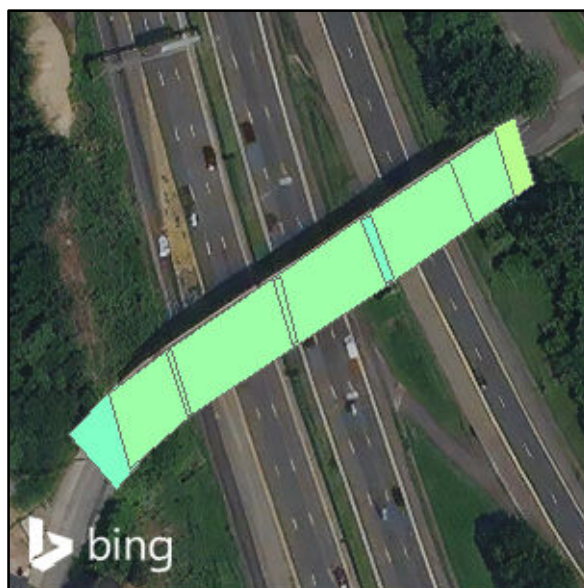
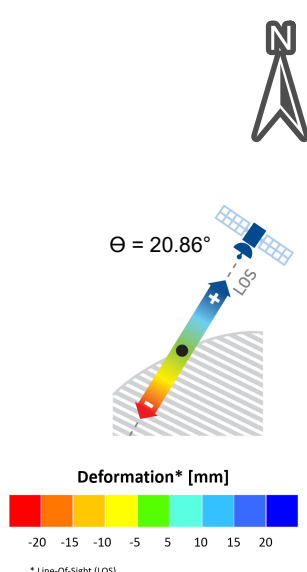
Deformation Profile*



* From west to east or/and south to north

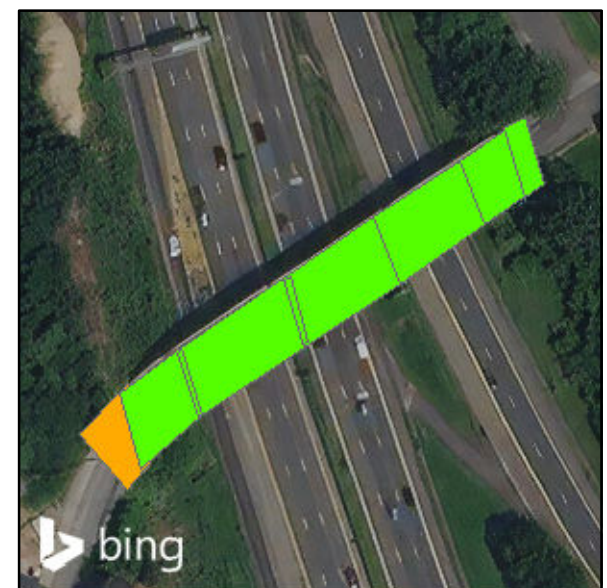
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

- LEVEL 1 : OK
- LEVEL 2 : CONCERN
- LEVEL 3 : REQUIRES ATTENTION



Sentinel-1 analysis - Bridge N° 1 Year of construction: 1948

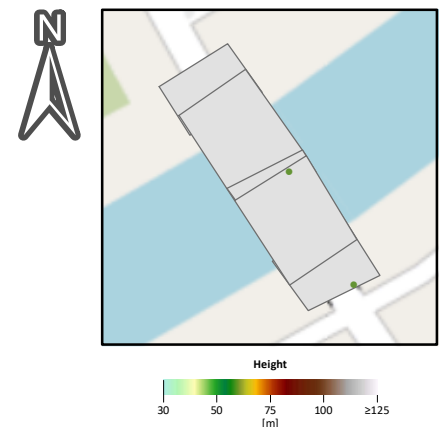
2014.11.18 - 2021.10.12



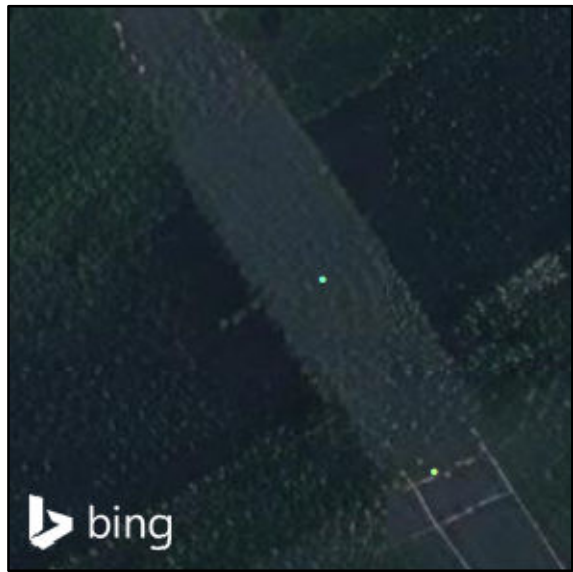
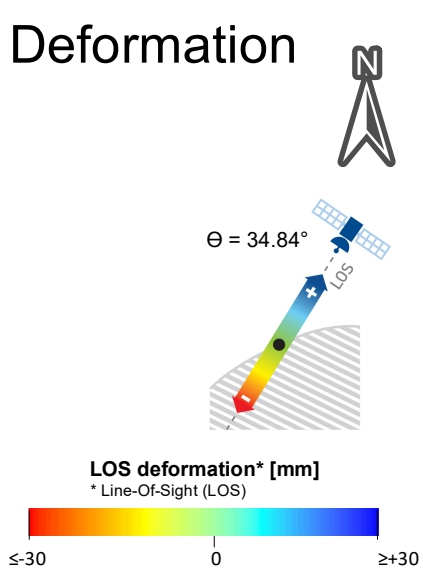
Surface Deformation Information

MP count	2	Avg_displ	1,8 mm	Avg_stdef	4,75 mm
PS count	2	Min_displ	-3,8 mm	Min_stdef	4,3 mm
DS count	0	Max_displ	7,4 mm	Max_stdef	5,2 mm
		Std_displ	5,6 mm		
Avg_vel	-0,2 mm/yr	Avg_seas	0,25 mm		
Min_vel	-0,5 mm/yr	Min_seas	0,07 mm		
Max_vel	0,1 mm/yr	Max_seas	0,43 mm		
Vel_std	0,3 mm/yr	Std_seas	0,18 mm		

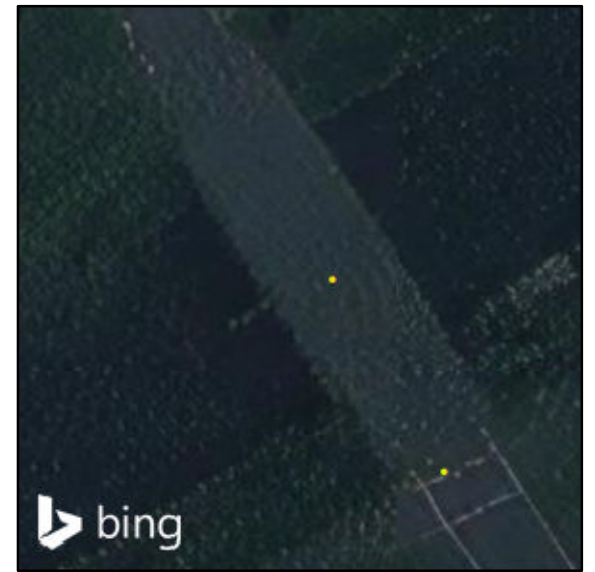
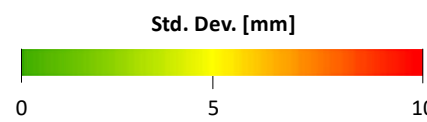
Surroundings



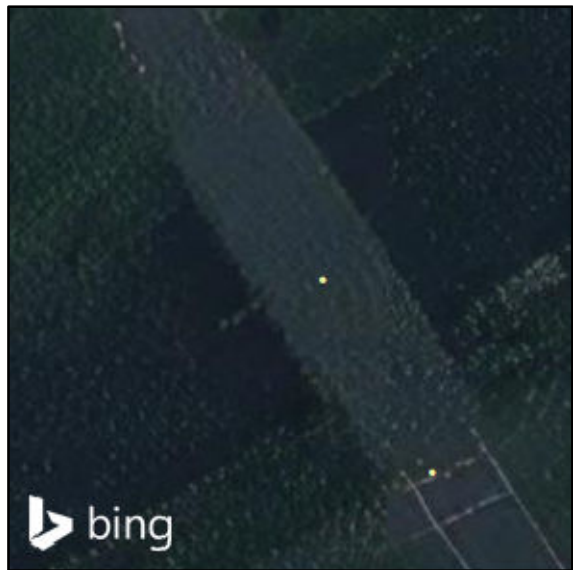
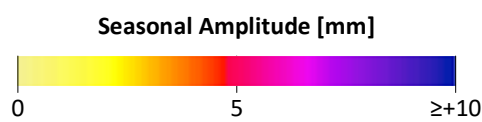
Deformation



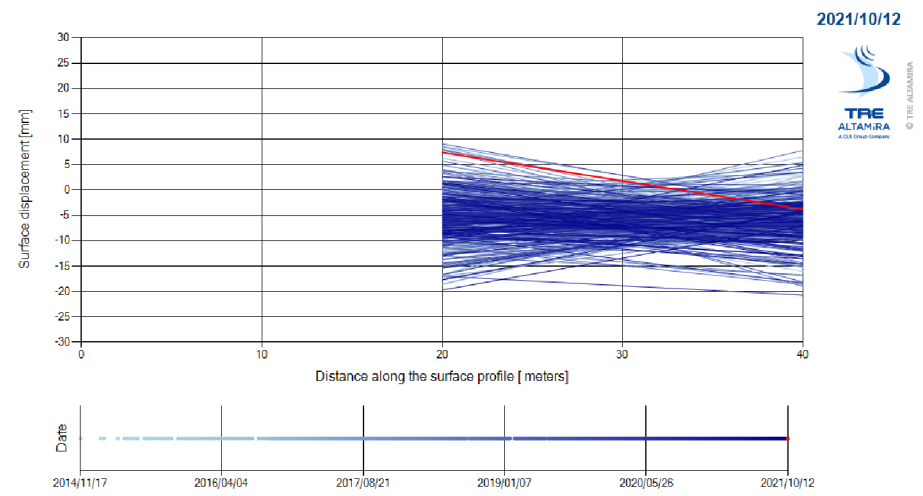
Standard Deviation



Seasonality



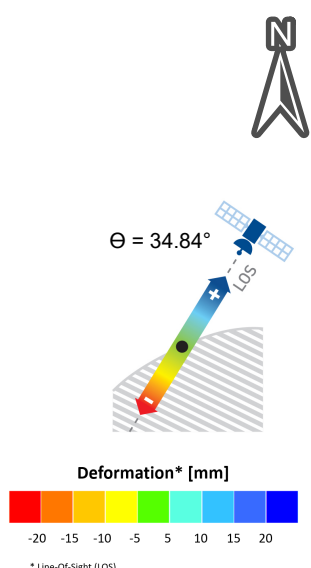
Deformation Profile*



* From west to east or/and south to north

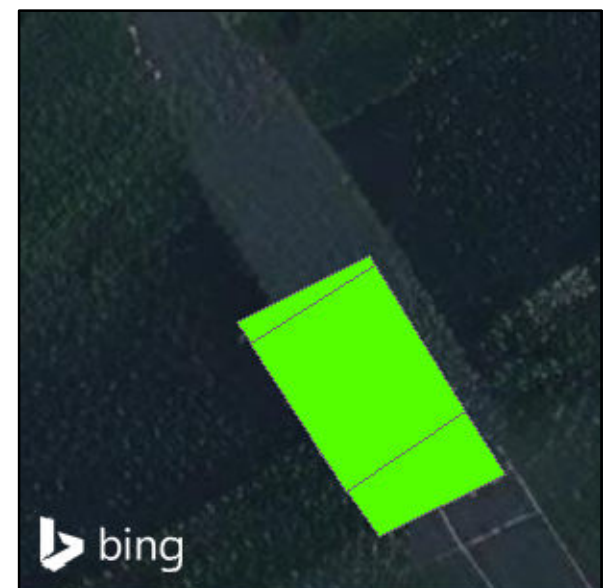
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

- LEVEL 1 : OK
- LEVEL 2 : CONCERN
- LEVEL 3 : REQUIRES ATTENTION



Sentinel-1 analysis - Bridge N° 2 Year of construction: 1981

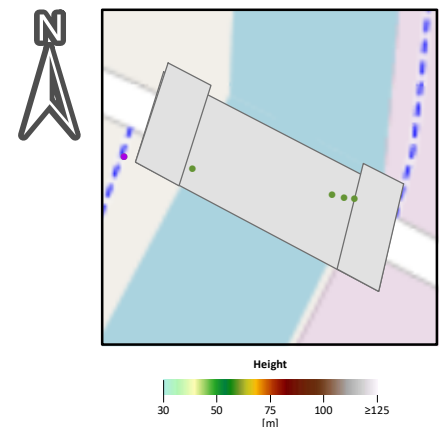
2014.11.18 - 2021.10.12



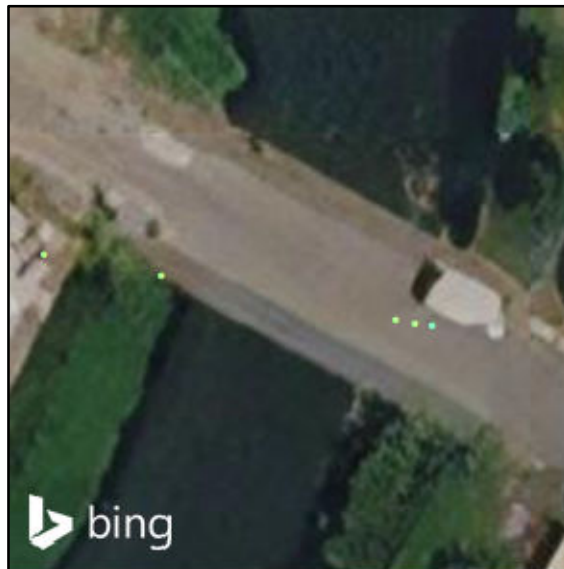
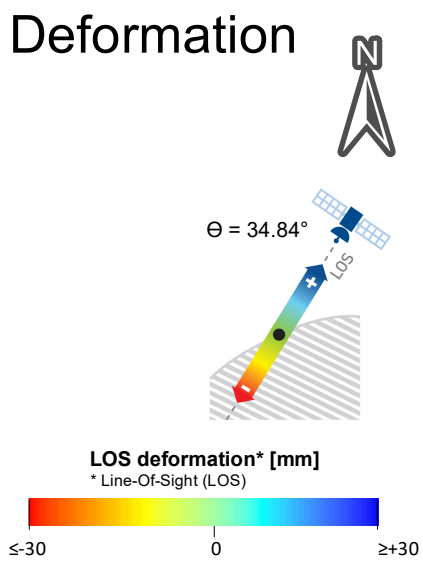
Surface Deformation Information

MP count	4	Avg_displ	2,17 mm	Avg_stdef	5,22 mm
PS count	4	Min_displ	-3,7 mm	Min_stdef	3,4 mm
DS count	0	Max_displ	6,9 mm	Max_stdef	6,4 mm
		Std_displ	3,83 mm		
Avg_vel	0,93 mm/yr	Avg_seas	1,29 mm		
Min_vel	0,3 mm/yr	Min_seas	0,22 mm		
Max_vel	1,6 mm/yr	Max_seas	2,44 mm		
Vel_std	0,47 mm/yr	Std_seas	0,79 mm		

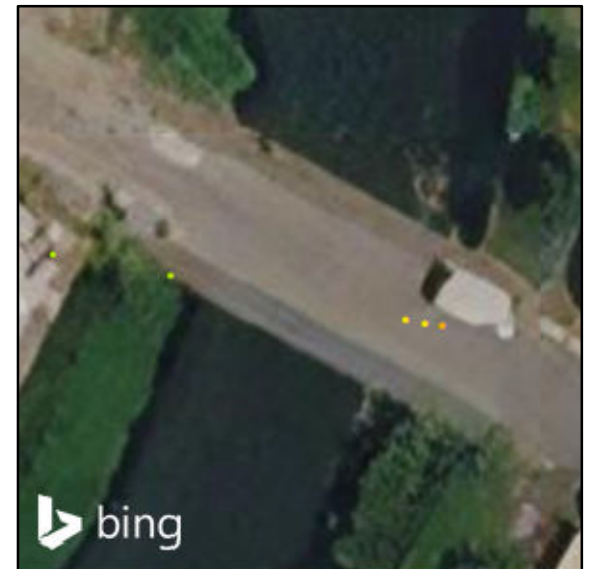
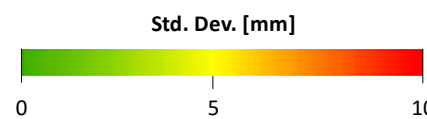
Surroundings



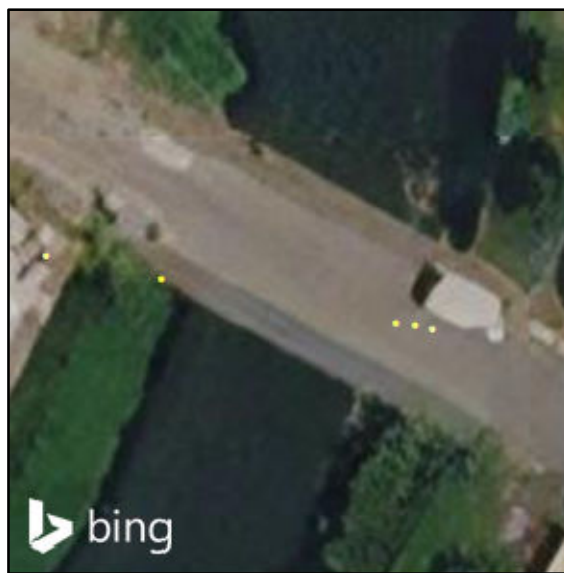
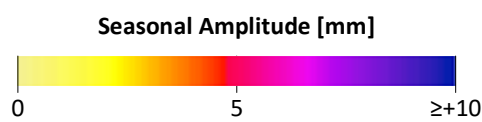
Deformation



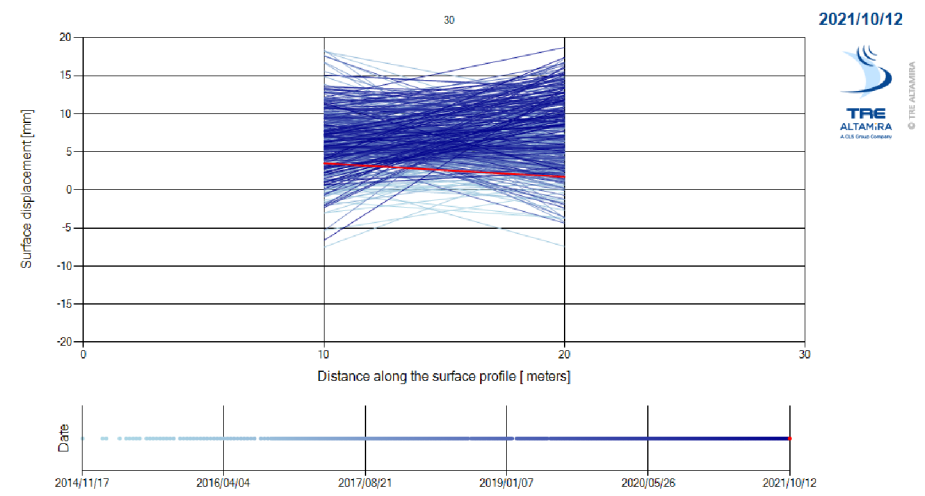
Standard Deviation



Seasonality



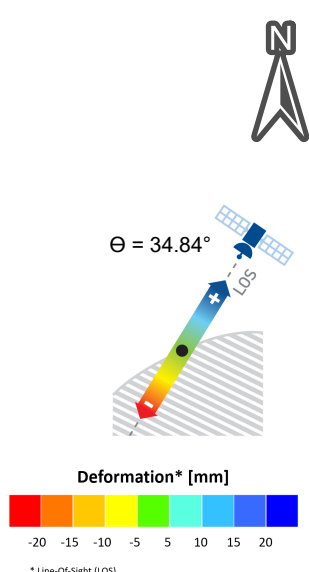
Deformation Profile*



* From west to east or/and south to north

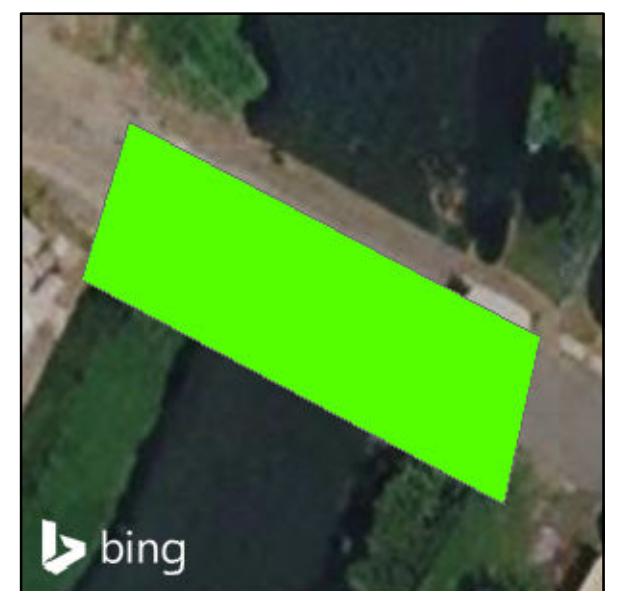
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

- LEVEL 1 : OK
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- LEVEL 3 : REQUIRES ATTENTION



Sentinel-1 analysis - Bridge N° 3 Year of construction: 1968

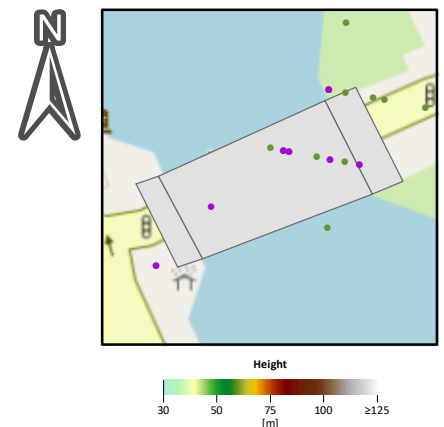
2014.11.18 - 2021.10.12



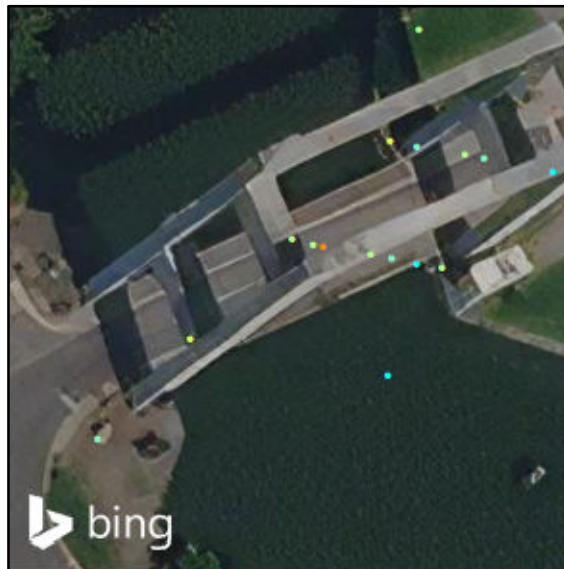
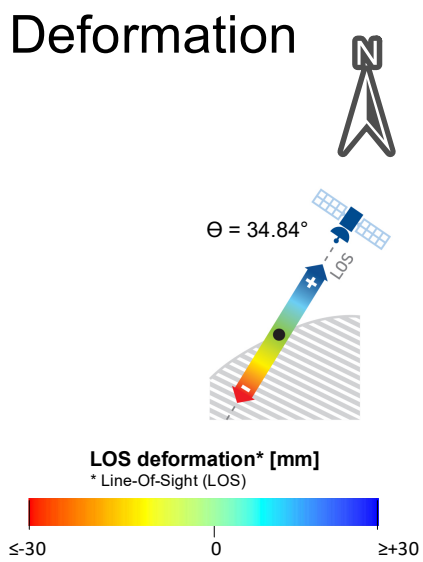
Surface Deformation Information

MP count	9	Avg_displ	-1,96 mm	Avg_stdef	4,66 mm
PS count	9	Min_displ	-21,4 mm	Min_stdef	2,4 mm
DS count	0	Max_displ	12 mm	Max_stdef	6,3 mm
		Std_displ	9,28 mm		
Avg_vel	0,01 mm/yr	Avg_seas	1,03 mm		
Min_vel	-0,8 mm/yr	Min_seas	0,27 mm		
Max_vel	0,7 mm/yr	Max_seas	2,39 mm		
Vel_std	0,57 mm/yr	Std_seas	0,76 mm		

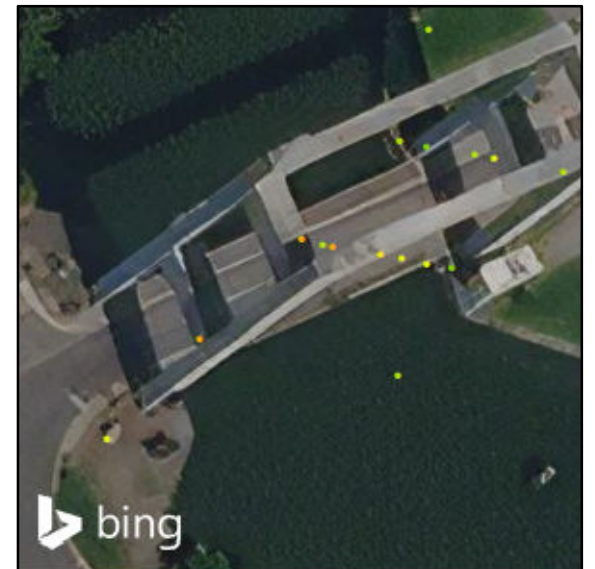
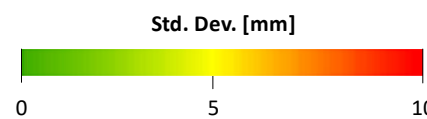
Surroundings



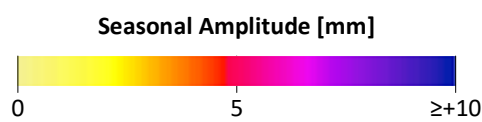
Deformation



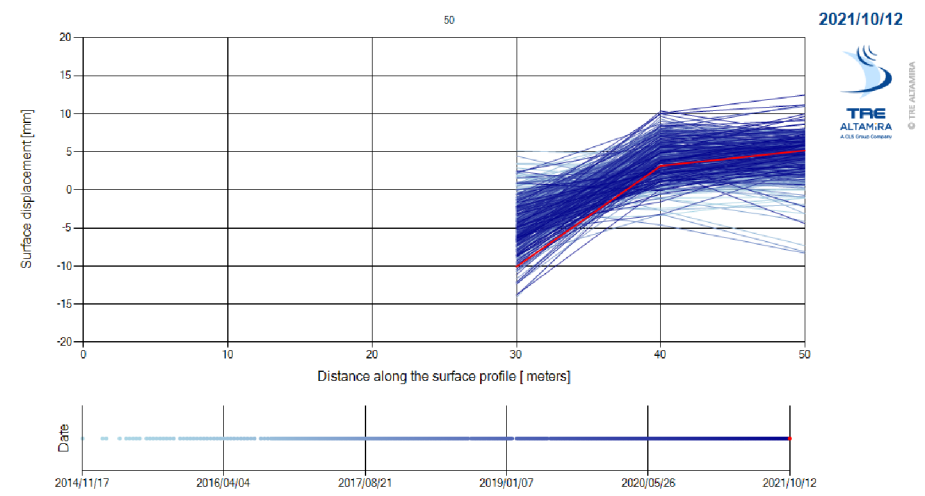
Standard Deviation



Seasonality



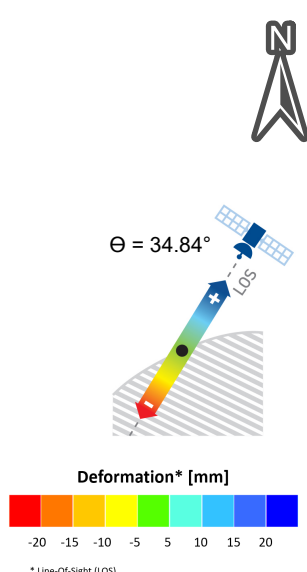
Deformation Profile*



* From west to east or/and south to north

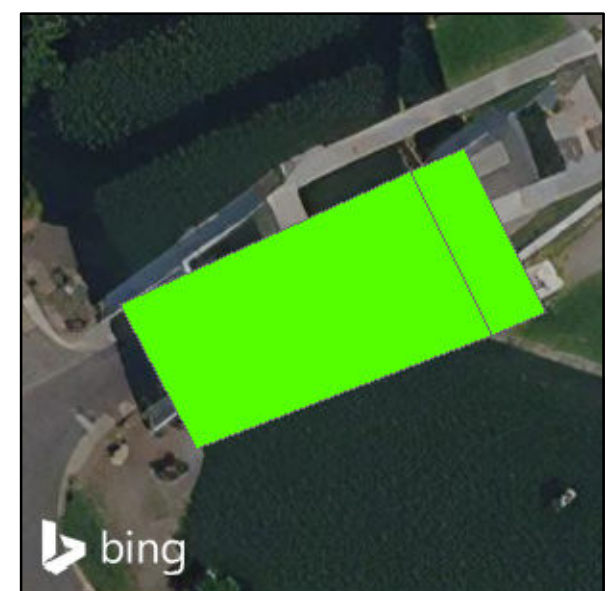
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

- LEVEL 1 : OK
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- LEVEL 3 : REQUIRES ATTENTION



Sentinel-1 analysis - Bridge N° 4 Year of construction: 1972

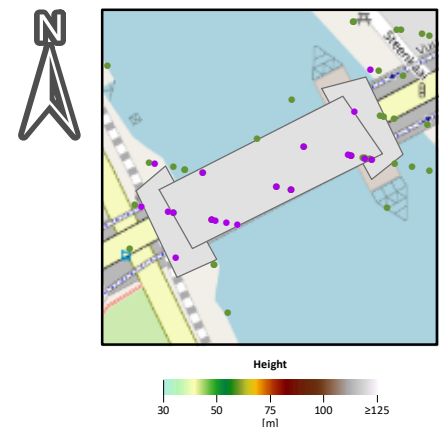
2014.11.18 - 2021.10.12



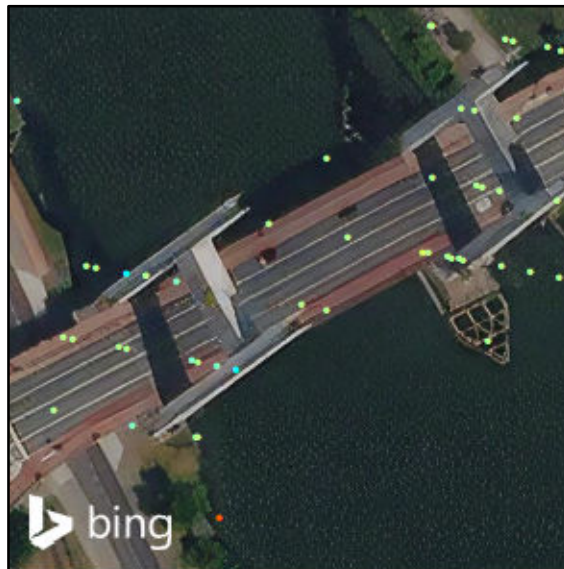
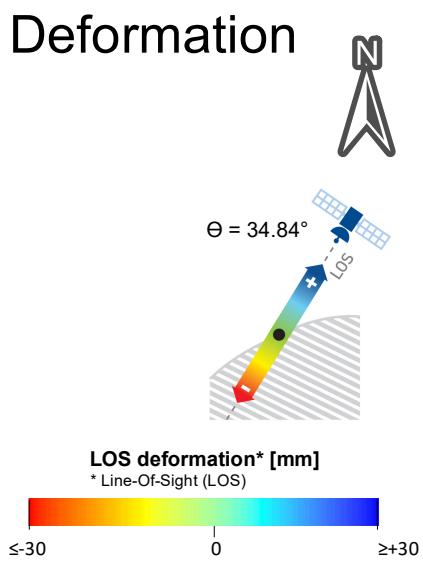
Surface Deformation Information

MP count	24	Avg_displ	2,1 mm	Avg_stdef	4,59 mm
PS count	24	Min_displ	-5,7 mm	Min_stdef	1,2 mm
DS count	0	Max_displ	11,2 mm	Max_stdef	6,6 mm
		Std_displ	4,23 mm		
Avg_vel	0,17 mm/yr	Avg_seas	1,53 mm		
Min_vel	-0,9 mm/yr	Min_seas	0,23 mm		
Max_vel	1 mm/yr	Max_seas	4,65 mm		
Vel_std	0,51 mm/yr	Std_seas	1,19 mm		

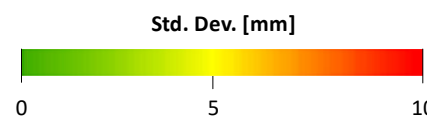
Surroundings



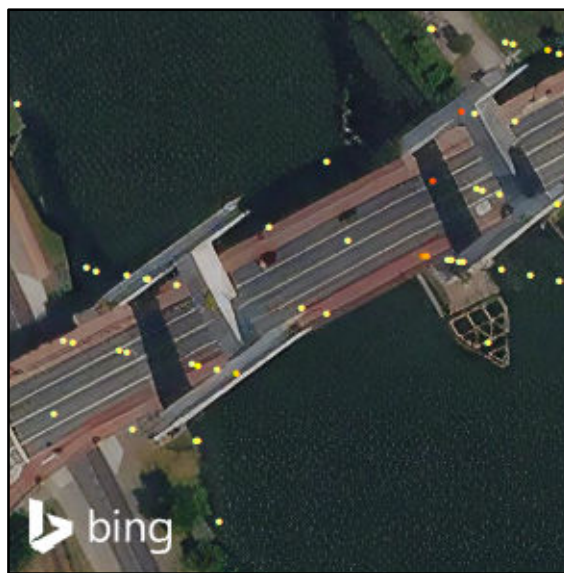
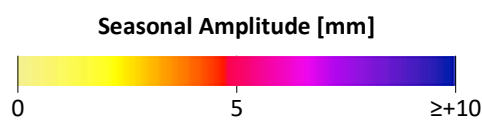
Deformation



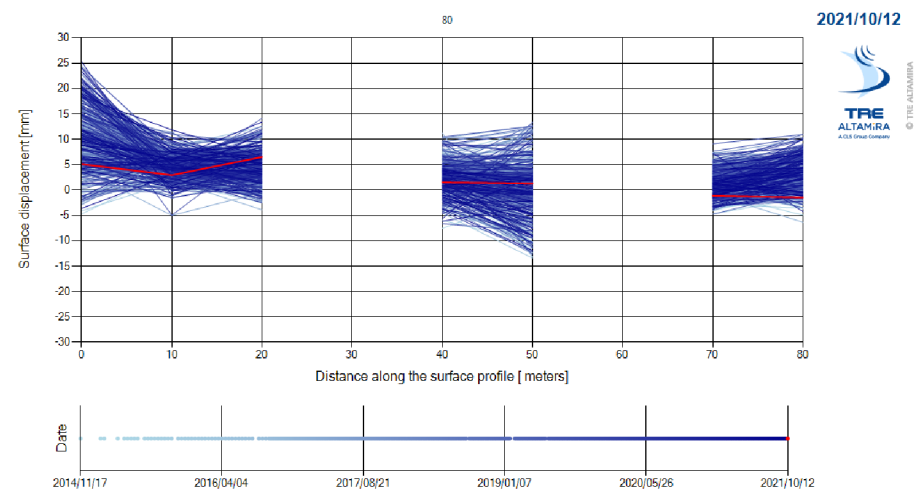
Standard Deviation



Seasonality



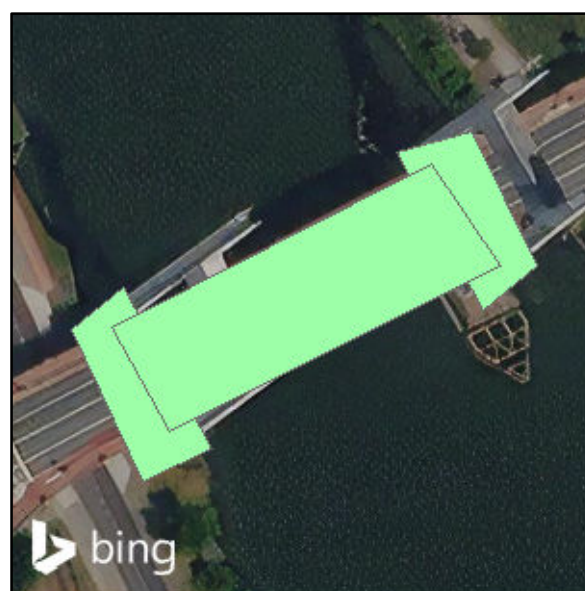
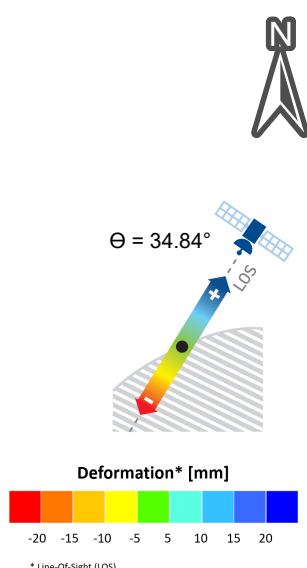
Deformation Profile*



* From west to east or/and south to north

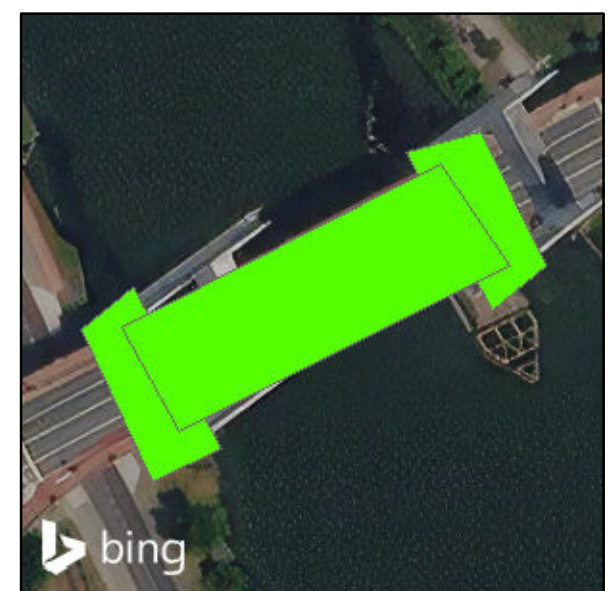
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

- LEVEL 1 : OK
- LEVEL 2 : CONCERN
- LEVEL 3 : REQUIRES ATTENTION



Sentinel-1 analysis - Bridge N° 5 Year of construction: 1973

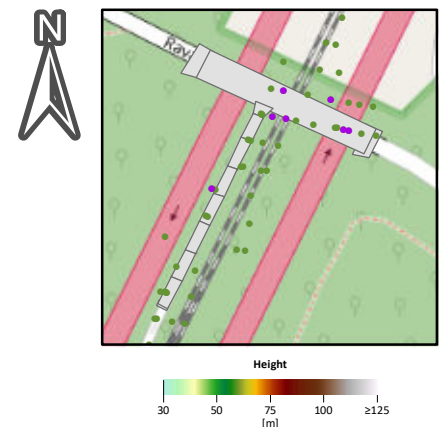
2014.11.18 - 2021.10.12



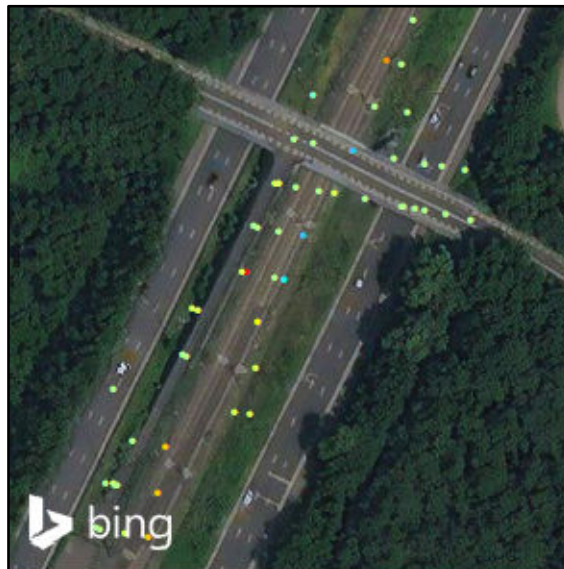
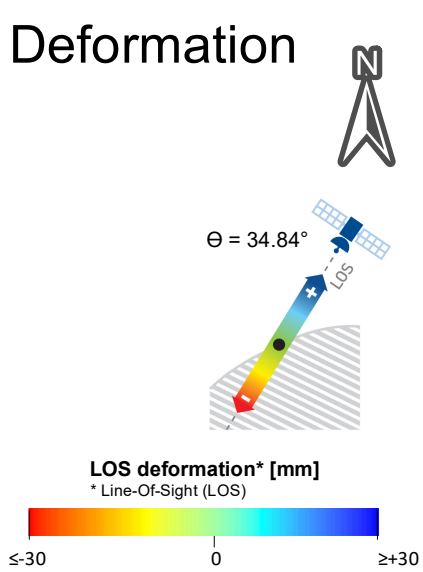
Surface Deformation Information

MP count	24	Avg_displ	-1,65 mm	Avg_stdef	4,08 mm
PS count	24	Min_displ	-9,3 mm	Min_stdef	1,9 mm
DS count	0	Max_displ	4,7 mm	Max_stdef	5,9 mm
		Std_displ	3,86 mm		
Avg_vel	-0,61 mm/yr	Avg_seas	0,97 mm		
Min_vel	-2,1 mm/yr	Min_seas	0,29 mm		
Max_vel	0,9 mm/yr	Max_seas	2,16 mm		
Vel_std	0,83 mm/yr	Std_seas	0,48 mm		

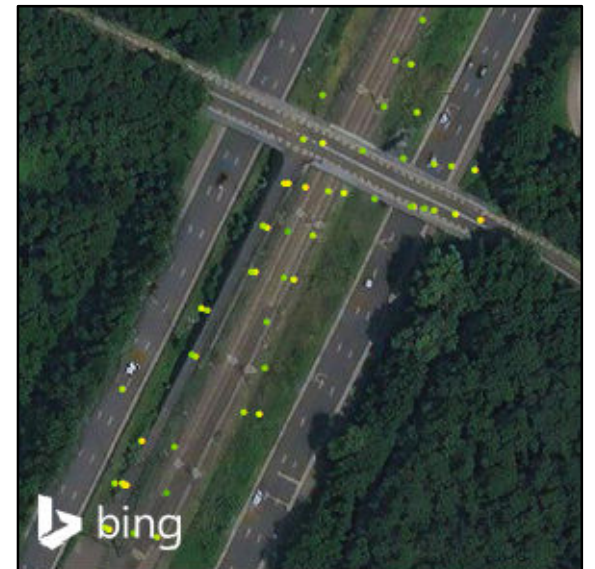
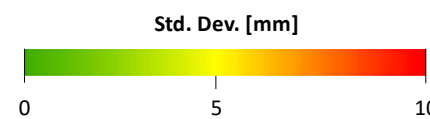
Surroundings



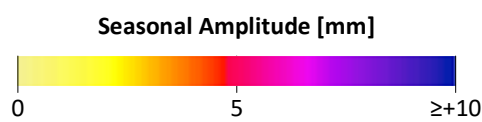
Deformation



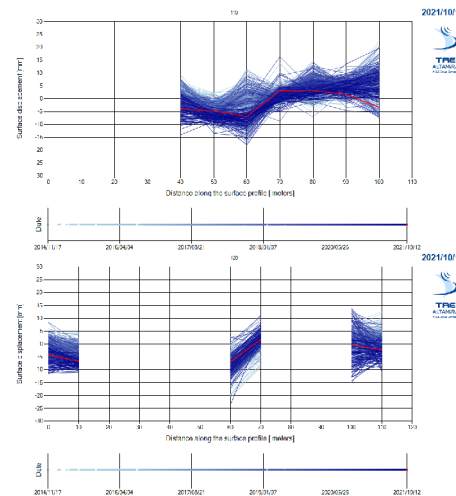
Standard Deviation



Seasonality



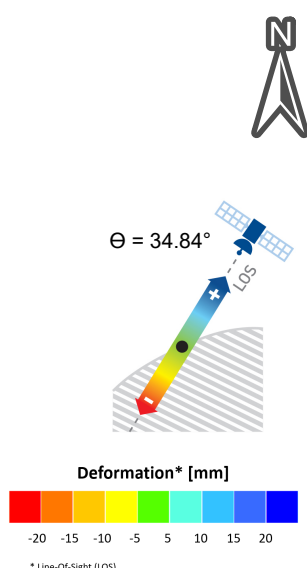
Deformation Profile*



* From west to east or/and south to north

Polygon Analysis*

* Base on seasonally filtered results



Alerting System

- LEVEL 1 : OK
- LEVEL 2 : CONCERN
- LEVEL 3 : REQUIRES ATTENTION



Sentinel-1 analysis - Bridge N° 6 Year of construction: 1995

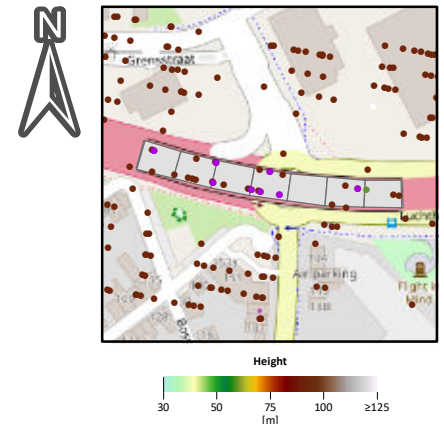
2014.11.18 - 2021.10.12



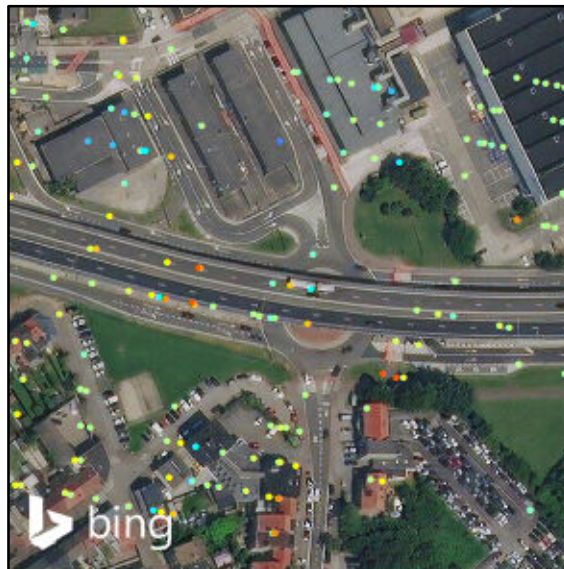
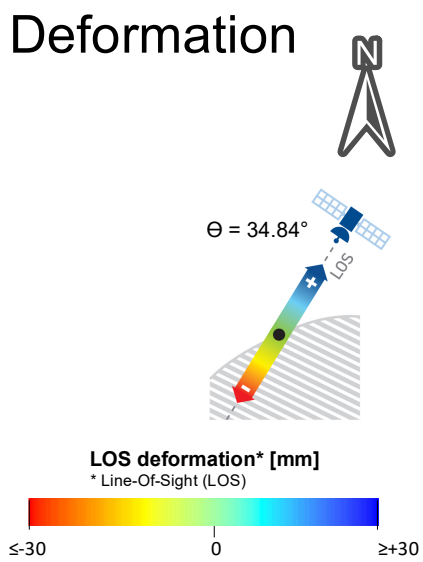
Surface Deformation Information

MP count	27	Avg_displ	-5,79 mm	Avg_stdef	5,33 mm
PS count	27	Min_displ	-29,1 mm	Min_stdef	2,8 mm
DS count	0	Max_displ	11,4 mm	Max_stdef	6,7 mm
		Std_displ	11,56 mm		
Avg_vel	-1,09 mm/yr	Avg_seas	1,07 mm		
Min_vel	-5,2 mm/yr	Min_seas	0,22 mm		
Max_vel	1,8 mm/yr	Max_seas	3 mm		
Vel_std	1,79 mm/yr	Std_seas	0,63 mm		

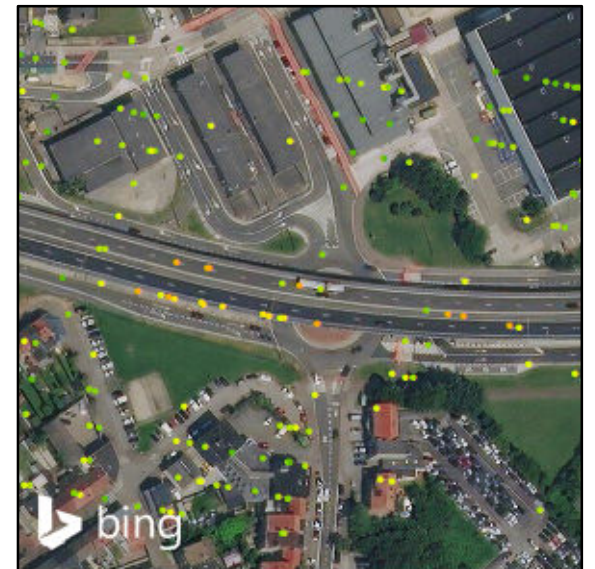
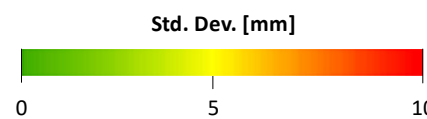
Surroundings



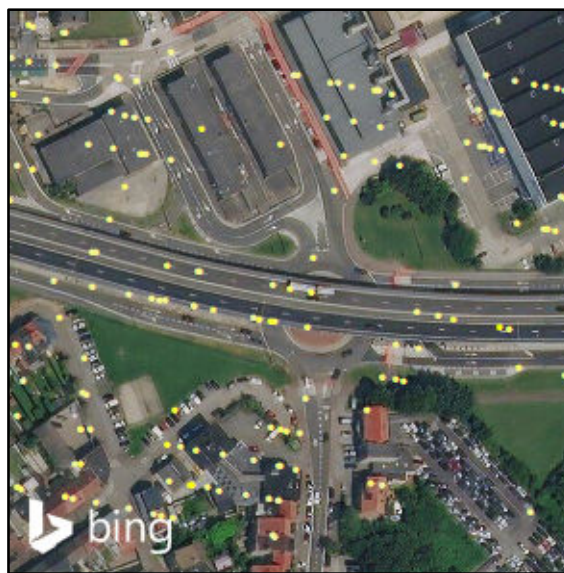
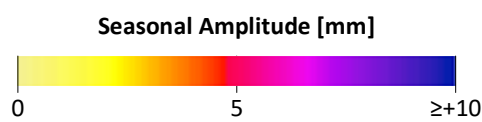
Deformation



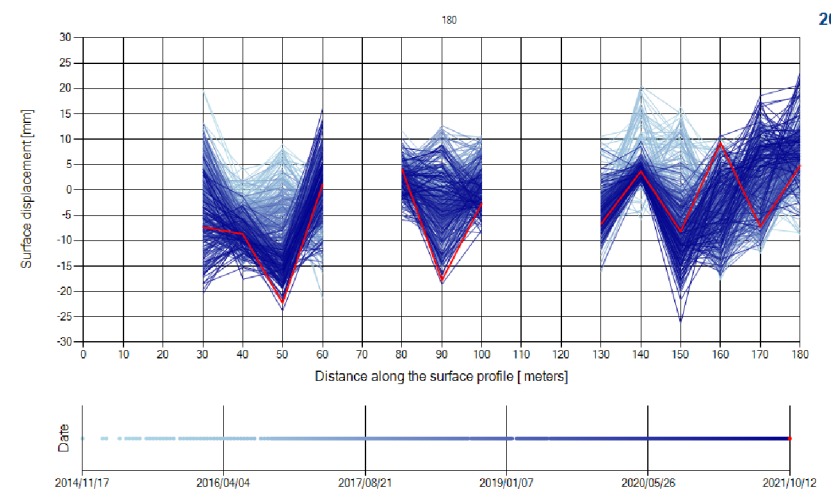
Standard Deviation



Seasonality



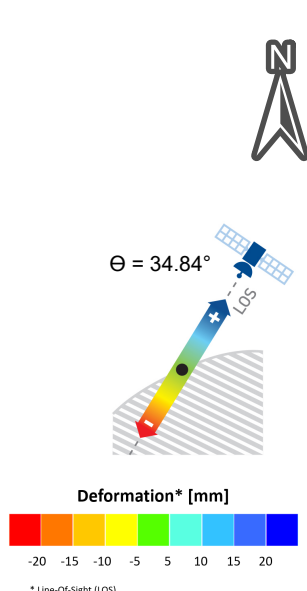
Deformation Profile*



* From west to east or/and south to north

Polygon Analysis*

* Base on seasonally filtered results



Alerting System

- LEVEL 1 : OK
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- LEVEL 3 : REQUIRES ATTENTION



Sentinel-1 analysis - Bridge N° 7 Year of construction: 1976

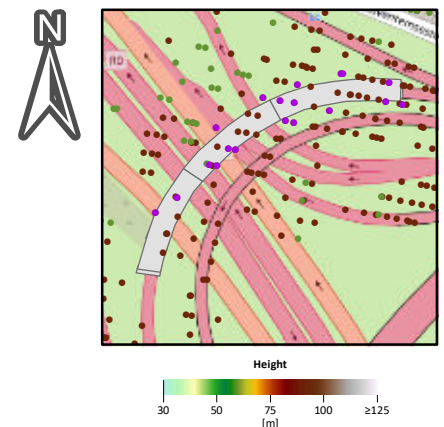
2014.11.18 - 2021.10.12



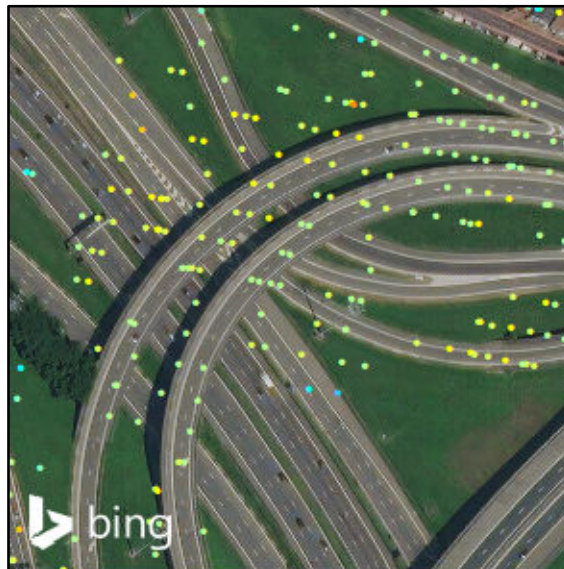
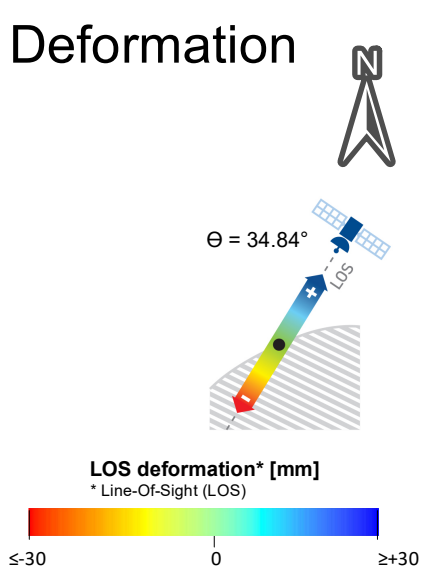
Surface Deformation Information

MP count	30	Avg_displ	-4,51 mm	Avg_stdef	2,24 mm
PS count	30	Min_displ	-10,6 mm	Min_stdef	1 mm
DS count	0	Max_displ	2,1 mm	Max_stdef	5,6 mm
		Std_displ	3,41 mm		
Avg_vel	-0,67 mm/yr	Avg_seas	0,81 mm		
Min_vel	-1,6 mm/yr	Min_seas	0,07 mm		
Max_vel	0,1 mm/yr	Max_seas	1,67 mm		
Vel_std	0,47 mm/yr	Std_seas	0,5 mm		

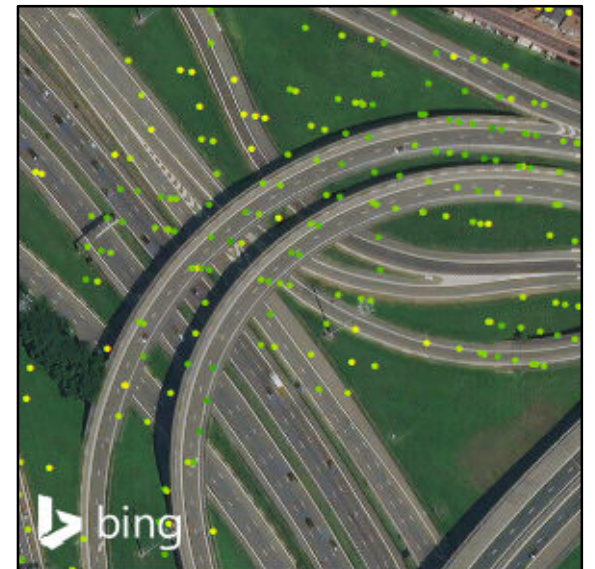
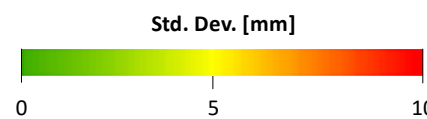
Surroundings



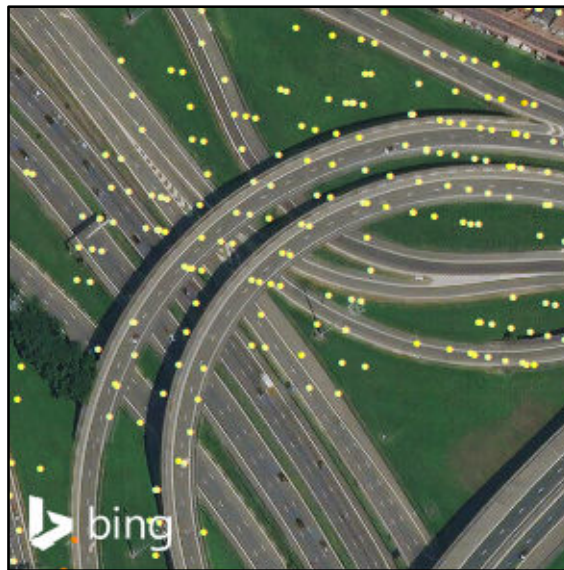
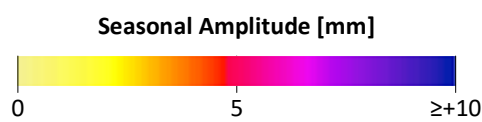
Deformation



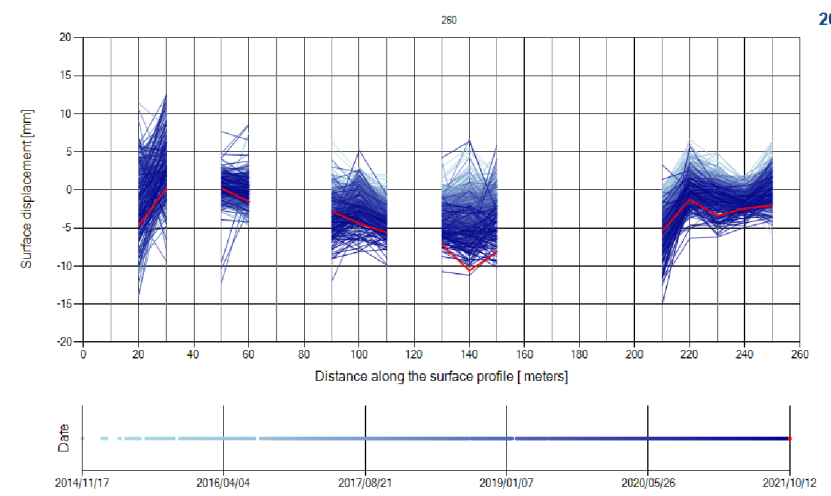
Standard Deviation



Seasonality



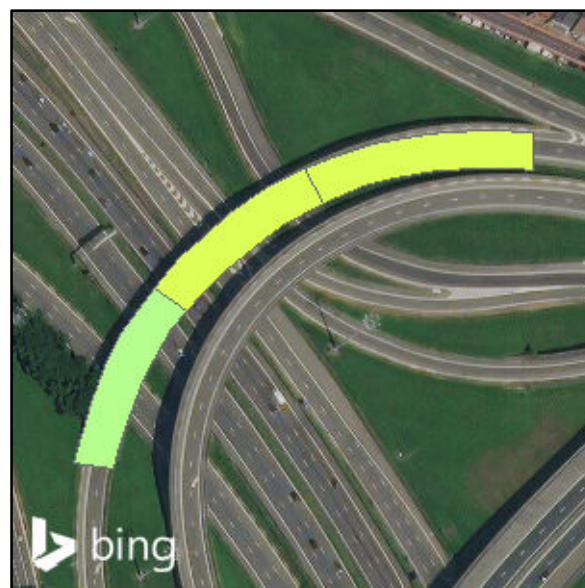
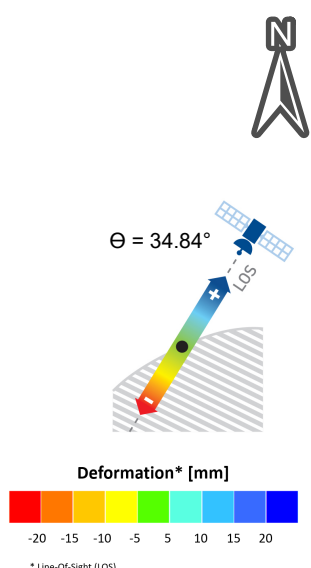
Deformation Profile*



* From west to east or/and south to north

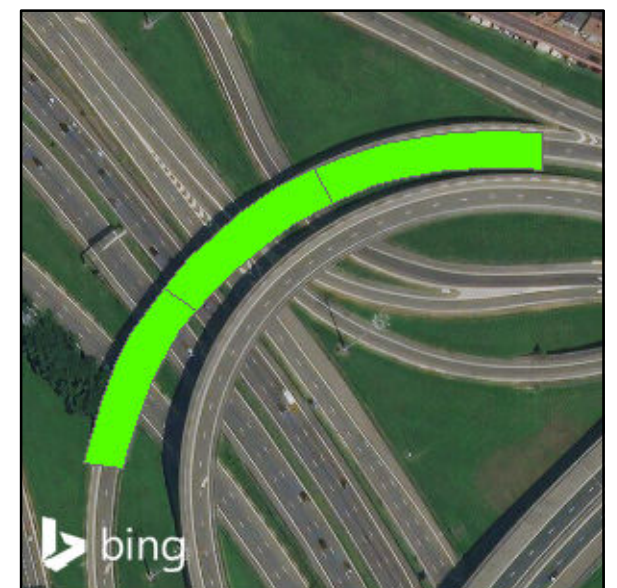
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

- LEVEL 1 : OK
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Sentinel-1 analysis - Bridge N° 8 Year of construction: 1976

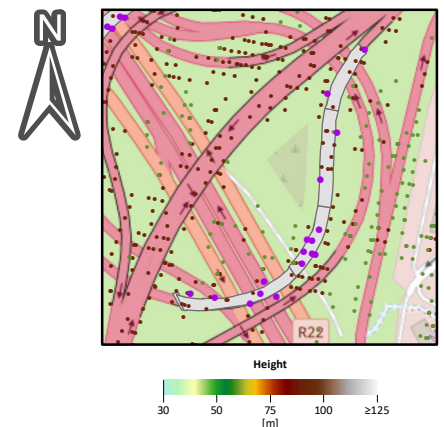
2014.11.18 - 2021.10.12



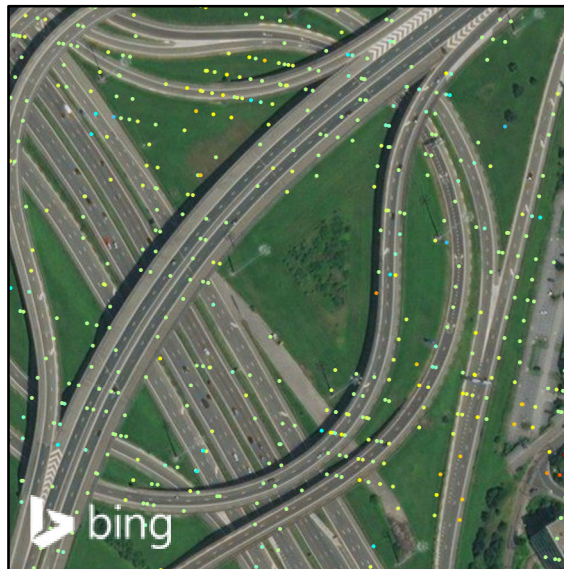
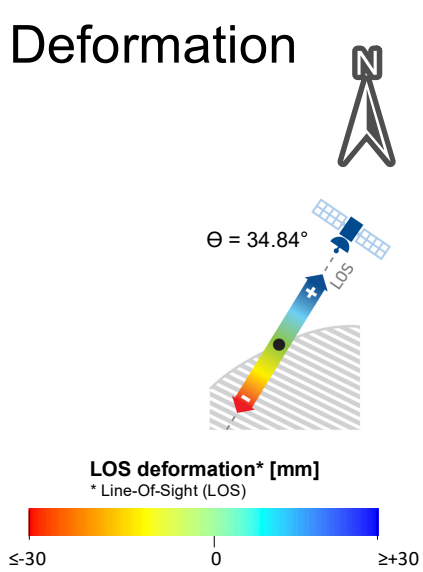
Surface Deformation Information

MP count	35	Avg_displ	-1,51 mm	Avg_stdef	3,64 mm
PS count	35	Min_displ	-22,2 mm	Min_stdef	1,1 mm
DS count	0	Max_displ	10,2 mm	Max_stdef	6,4 mm
		Std_displ	6,85 mm		
Avg_vel	-0,26 mm/yr	Avg_seas	1,14 mm		
Min_vel	-1,8 mm/yr	Min_seas	0,04 mm		
Max_vel	1,7 mm/yr	Max_seas	4,19 mm		
Vel_std	0,71 mm/yr	Std_seas	0,95 mm		

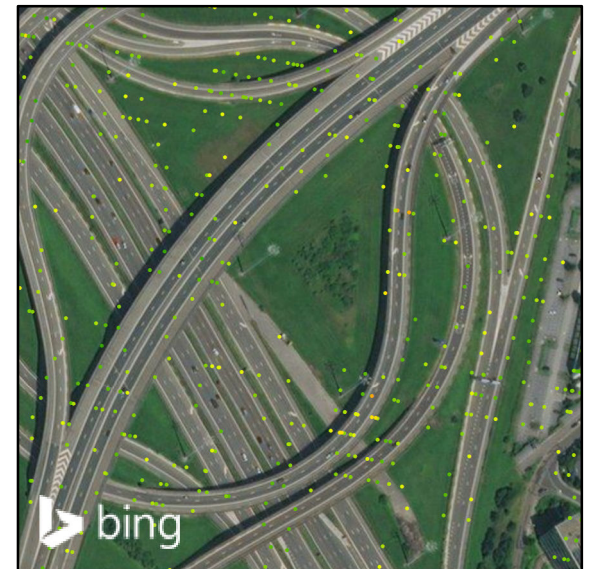
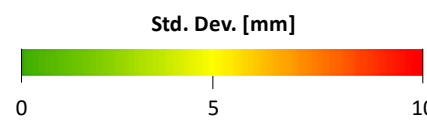
Surroundings



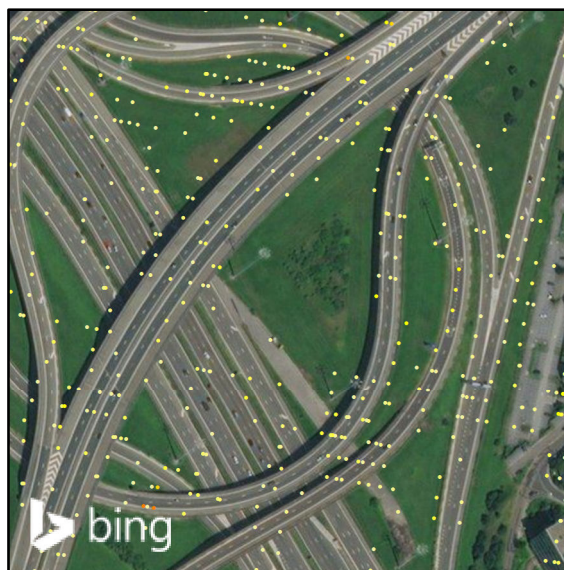
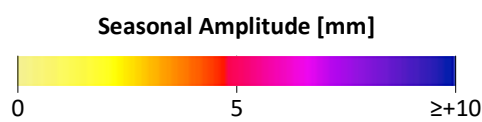
Deformation



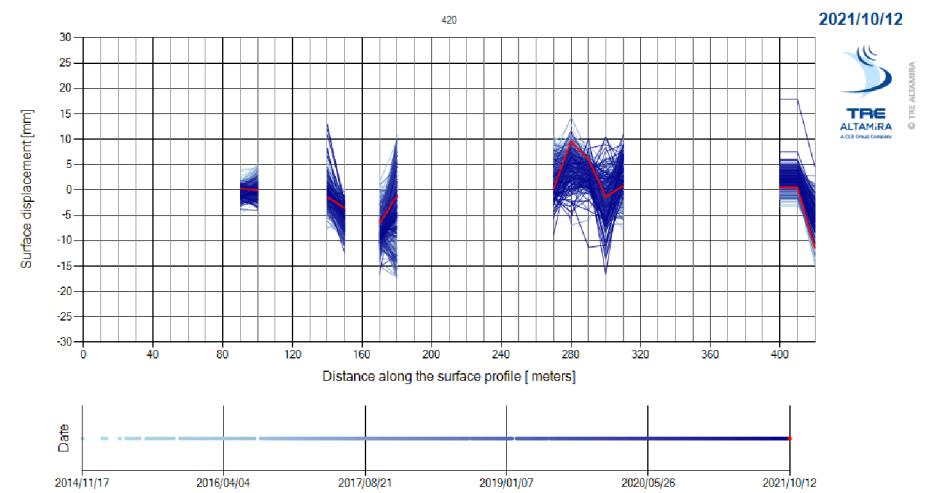
Standard Deviation



Seasonality



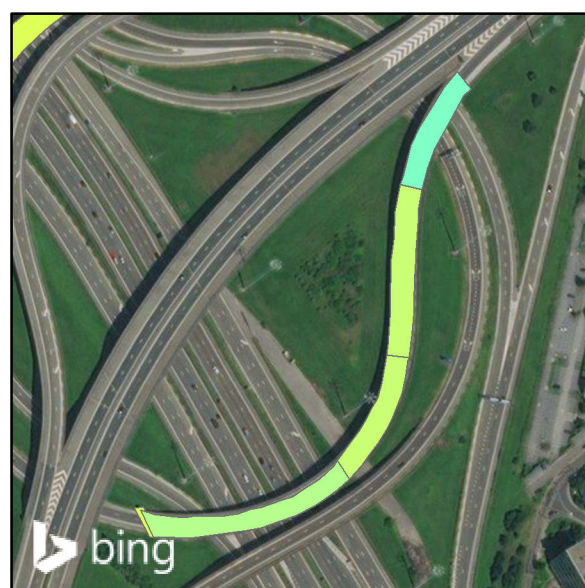
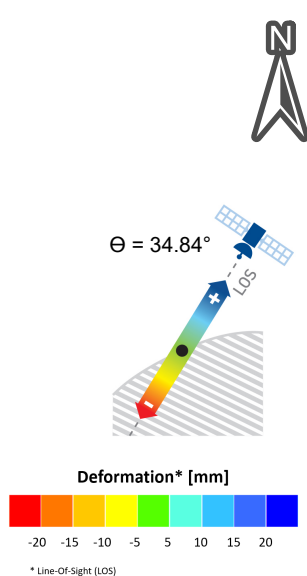
Deformation Profile*



* From west to east or/and south to north

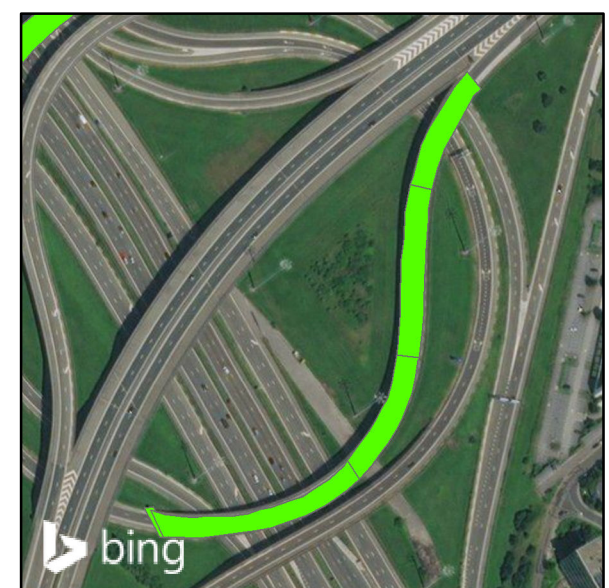
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

- LEVEL 1 : OK
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- LEVEL 3 : REQUIRES ATTENTION



Sentinel-1 analysis - Bridge N° 9 Year of construction: 1980

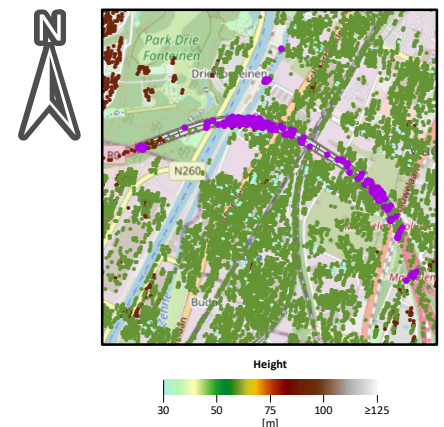
2014.11.18 - 2021.10.12



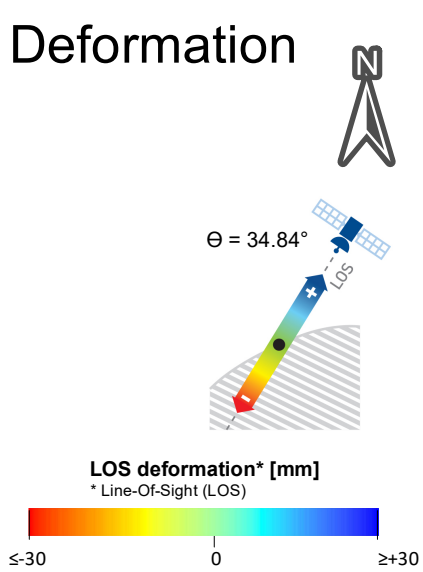
Surface Deformation Information

MP count 302	Avg_displ 0,3 mm	Avg_stdef 5,01 mm
PS count 298	Min_displ -28,7 mm	Min_stdef 1,4 mm
DS count 4	Max_displ 25,3 mm	Max_stdef 7,2 mm
	Std_displ 8,11 mm	
Avg_vel -0,05 mm/yr	Avg_seas 2,07 mm	
Min_vel -4,6 mm/yr	Min_seas 0,08 mm	
Max_vel 2 mm/yr	Max_seas 6,65 mm	
Vel_std 0,85 mm/yr	Std_seas 1,35 mm	

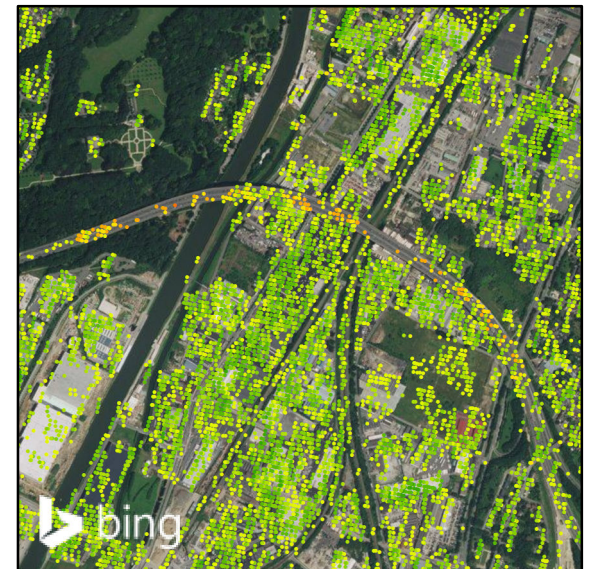
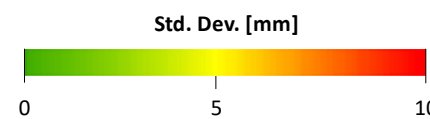
Surroundings



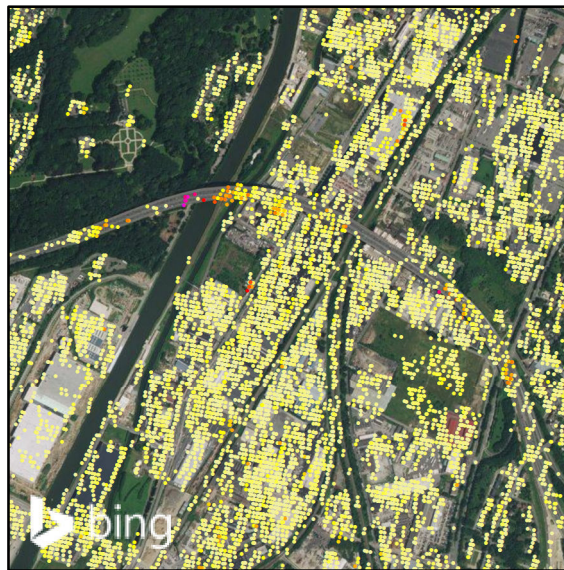
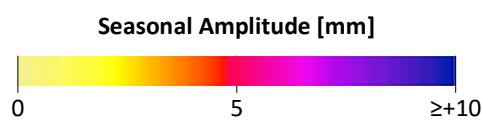
Deformation



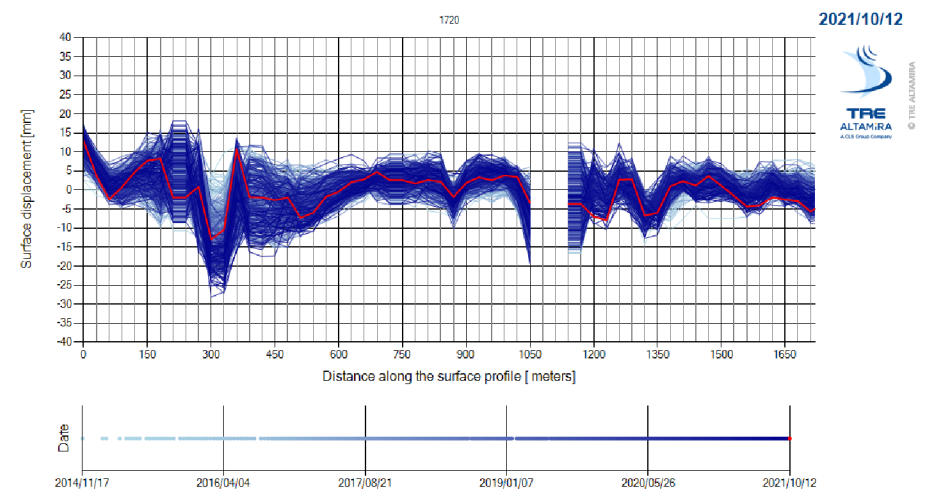
Standard Deviation



Seasonality



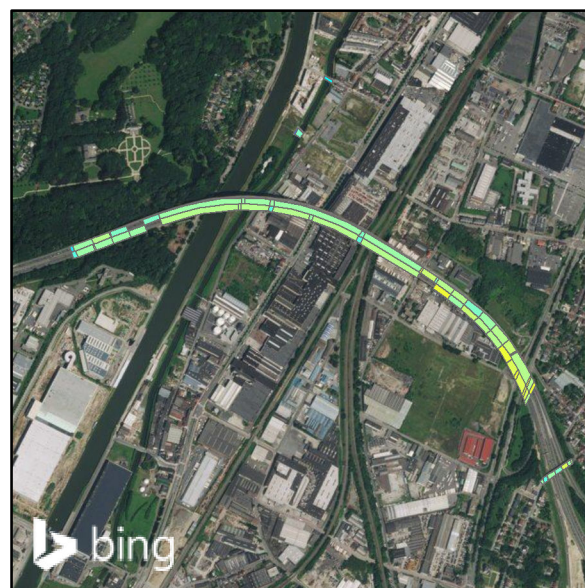
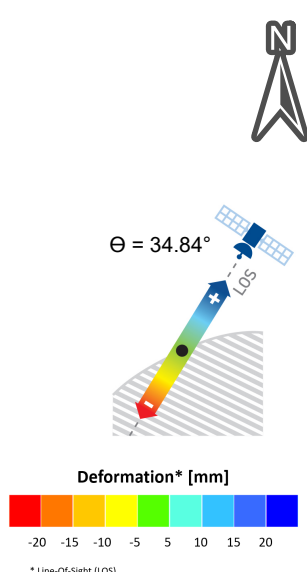
Deformation Profile*



* From west to east or/and south to north

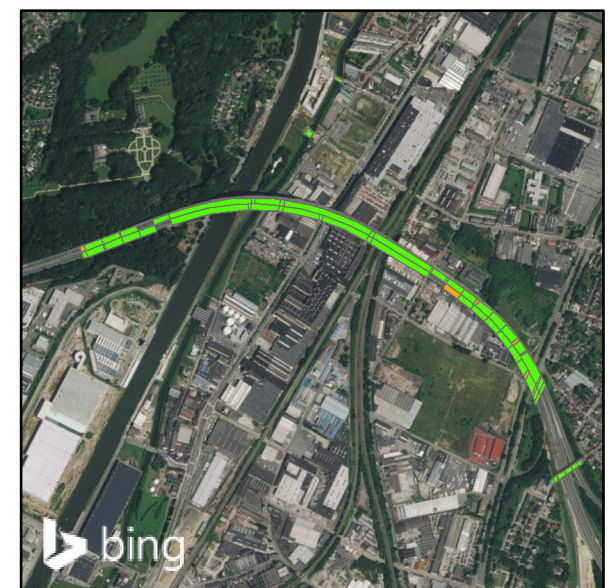
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

- LEVEL 1 : OK
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- LEVEL 3 : REQUIRES ATTENTION



Sentinel-1 analysis - Bridge N° 10 Year of construction: 1963

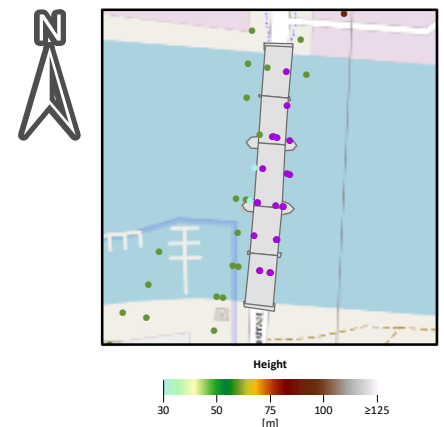
2014.11.18 - 2021.10.12



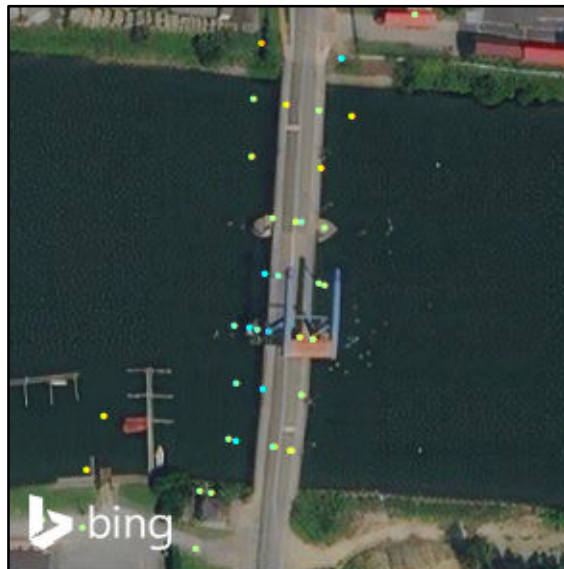
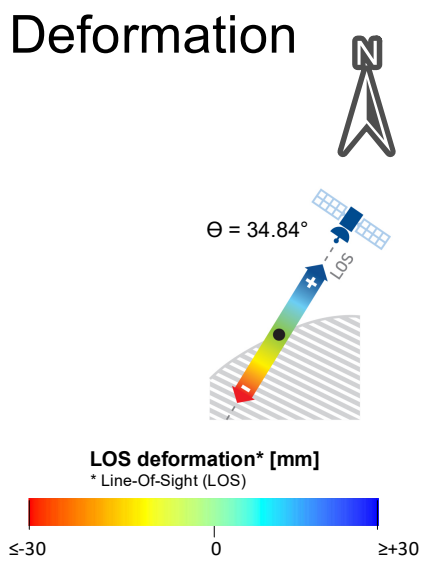
Surface Deformation Information

MP count	25	Avg_displ	-0,1 mm	Avg_stdef	4,08 mm
PS count	25	Min_displ	-14 mm	Min_stdef	1,7 mm
DS count	0	Max_displ	15,5 mm	Max_stdef	6,5 mm
		Std_displ	7,98 mm		
Avg_vel	0,18 mm/yr	Avg_seas	1,14 mm		
Min_vel	-0,7 mm/yr	Min_seas	0,1 mm		
Max_vel	0,7 mm/yr	Max_seas	2,4 mm		
Vel_std	0,33 mm/yr	Std_seas	0,59 mm		

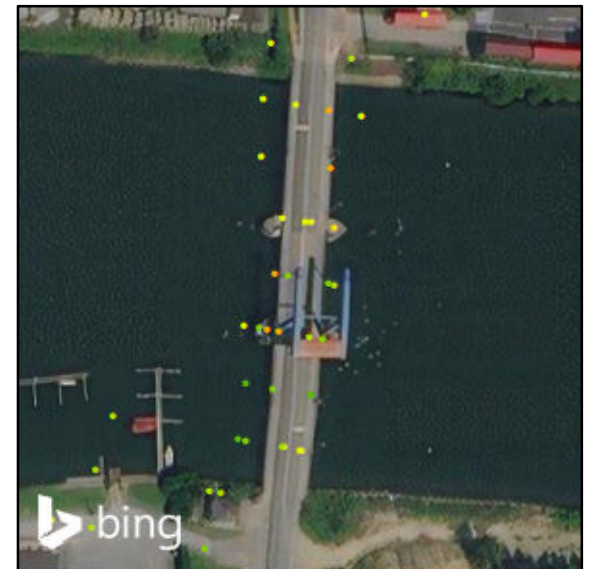
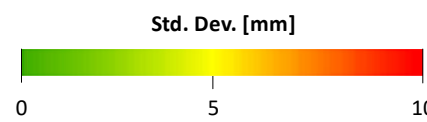
Surroundings



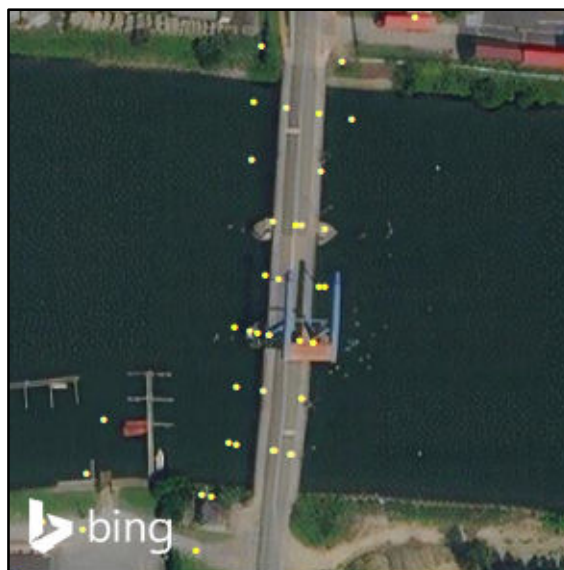
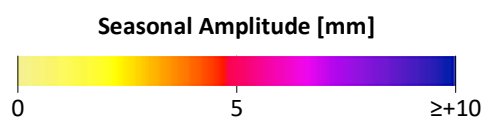
Deformation



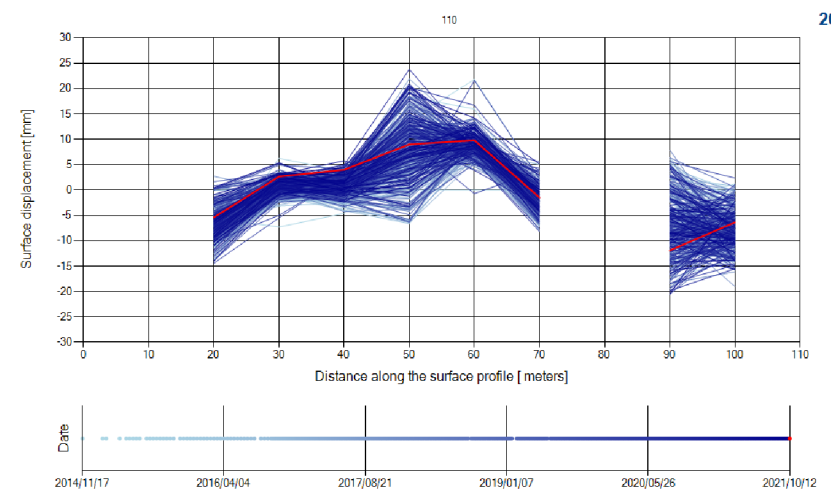
Standard Deviation



Seasonality



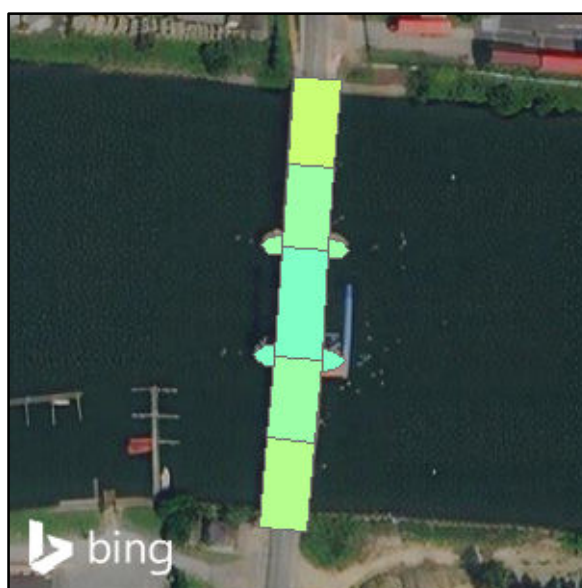
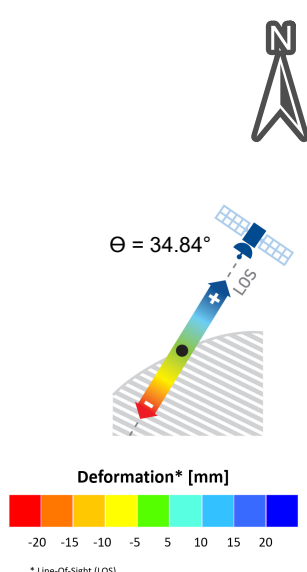
Deformation Profile*



* From west to east or/and south to north

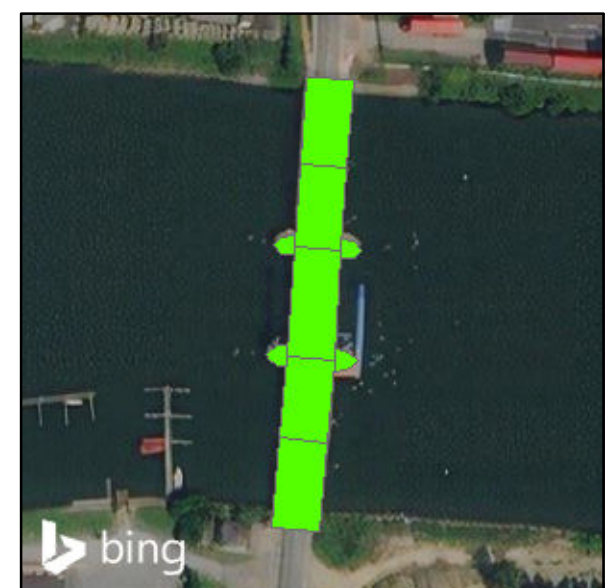
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

- LEVEL 1 : OK
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- LEVEL 3 : REQUIRES ATTENTION



Sentinel-1 analysis - Bridge N° 11 Year of construction: 2007

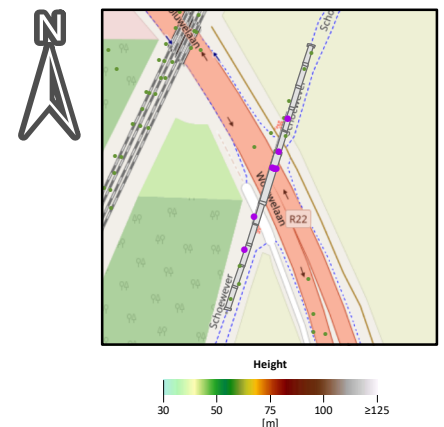
2014.11.18 - 2021.10.12



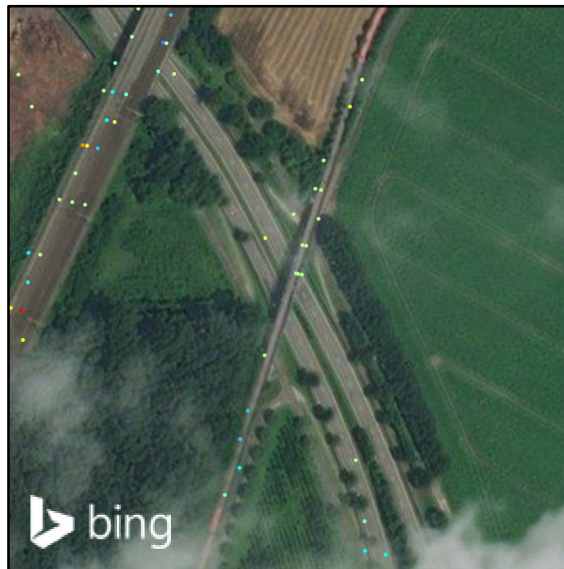
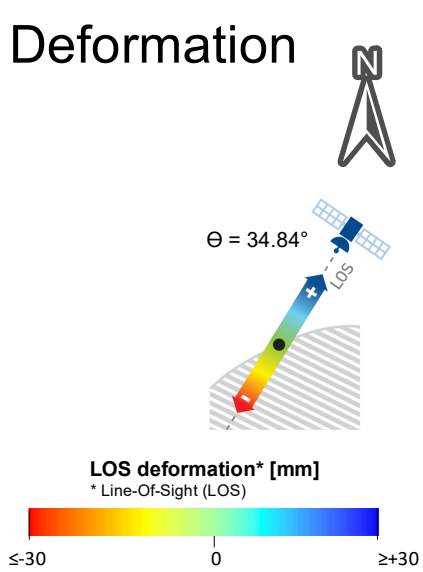
Surface Deformation Information

MP count	11	Avg_displ	1,75 mm	Avg_stdef	3,72 mm
PS count	11	Min_displ	-7 mm	Min_stdef	1,7 mm
DS count	0	Max_displ	15,3 mm	Max_stdef	5,8 mm
		Std_displ	6,03 mm		
Avg_vel	0,05 mm/yr	Avg_seas	0,93 mm		
Min_vel	-1,2 mm/yr	Min_seas	0,34 mm		
Max_vel	0,6 mm/yr	Max_seas	2,27 mm		
Vel_std	0,56 mm/yr	Std_seas	0,52 mm		

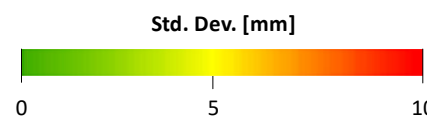
Surroundings



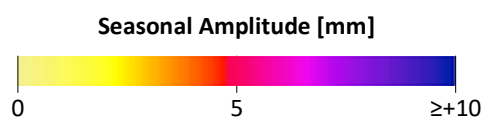
Deformation



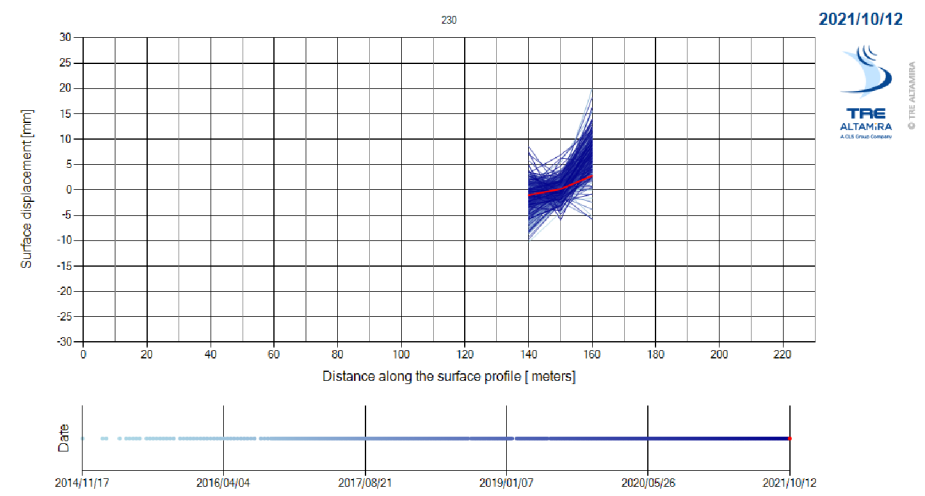
Standard Deviation



Seasonality



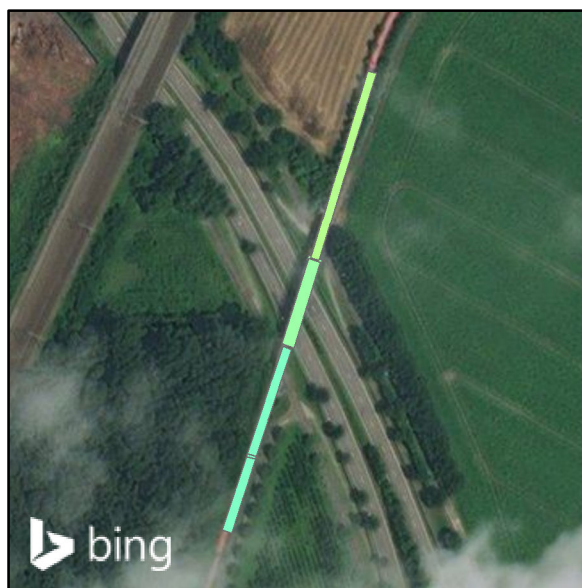
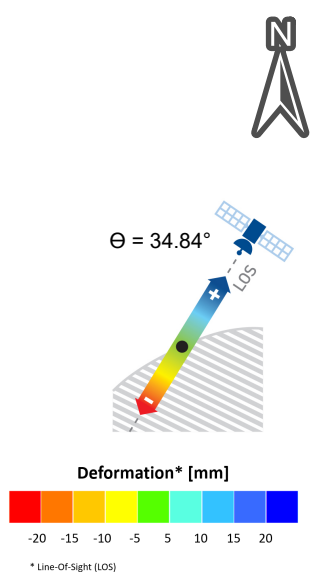
Deformation Profile*



* From west to east or/and south to north

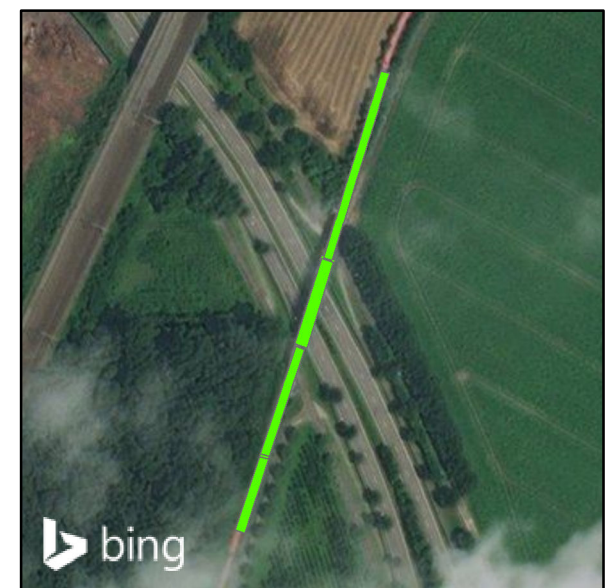
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

- LEVEL 1 : OK
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- LEVEL 3 : REQUIRES ATTENTION



Sentinel-1 analysis - Bridge N° 12 Year of construction: 2012

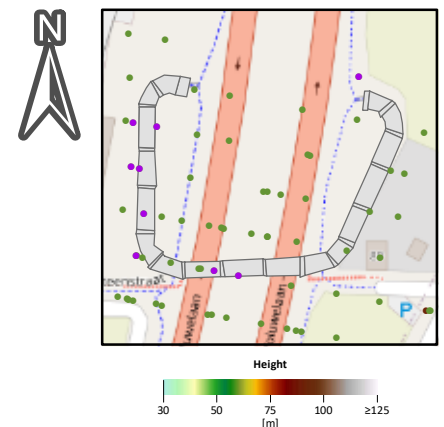
2014.11.18 - 2021.10.12



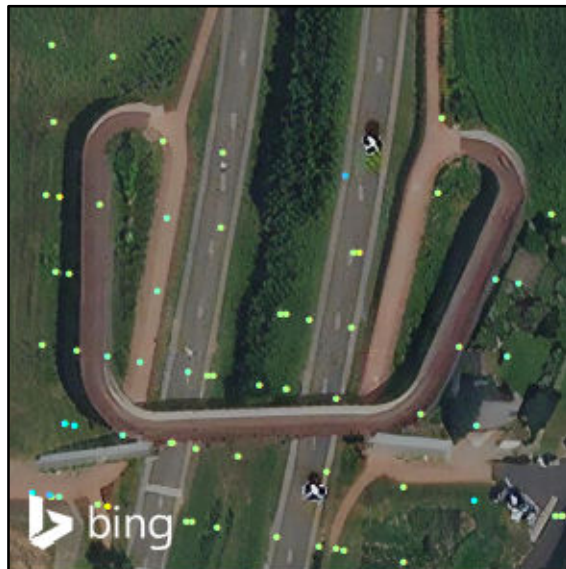
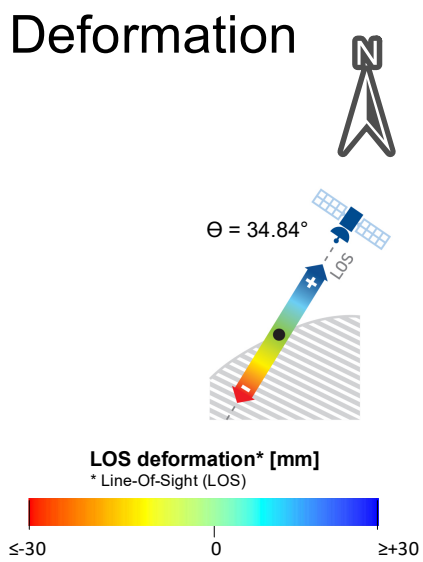
Surface Deformation Information

MP count	8	Avg_displ	1,8 mm	Avg_stdef	2,49 mm
PS count	8	Min_displ	-0,3 mm	Min_stdef	1 mm
DS count	0	Max_displ	6,8 mm	Max_stdef	5,1 mm
		Std_displ	2,1 mm		
Avg_vel	0,19 mm/yr	Avg_seas	1,23 mm		
Min_vel	-0,2 mm/yr	Min_seas	0,2 mm		
Max_vel	0,6 mm/yr	Max_seas	2,2 mm		
Vel_std	0,21 mm/yr	Std_seas	0,68 mm		

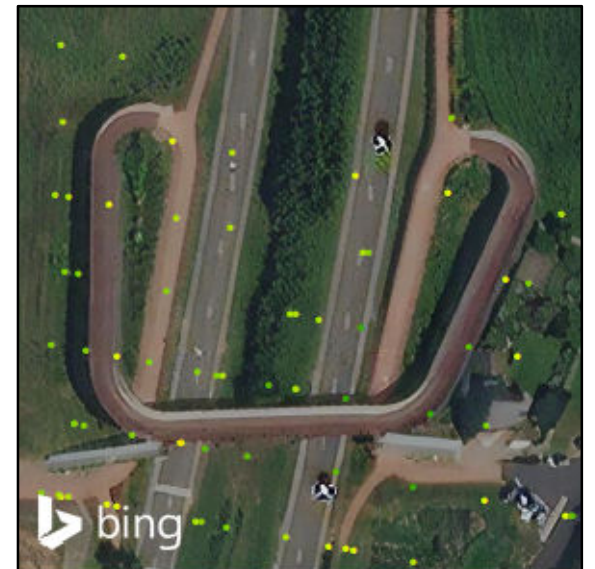
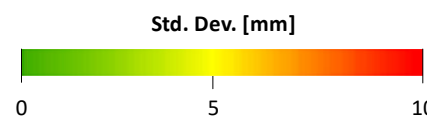
Surroundings



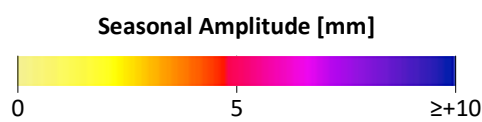
Deformation



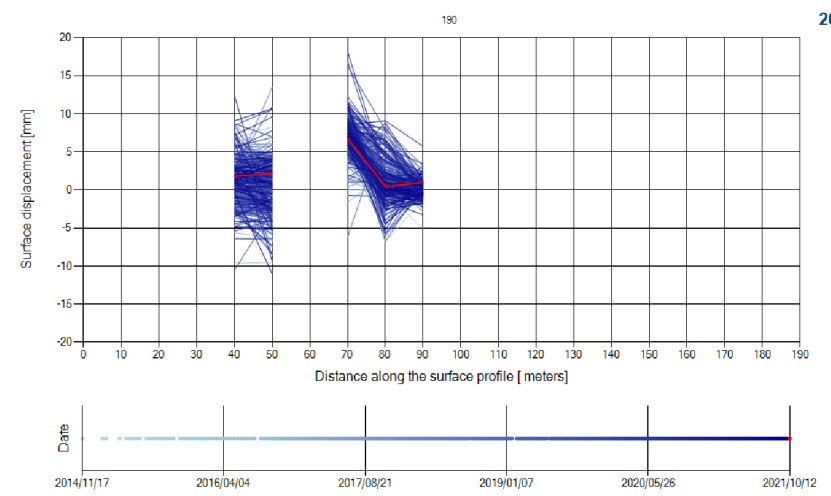
Standard Deviation



Seasonality



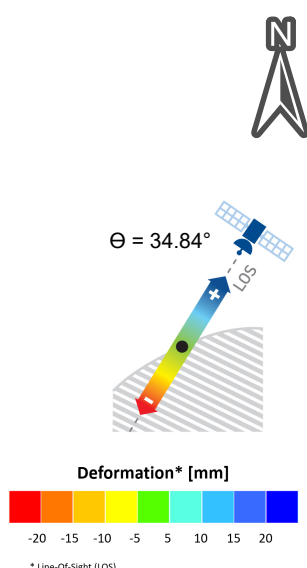
Deformation Profile*



* From west to east or/and south to north

Polygon Analysis*

* Base on seasonally filtered results



Alerting System

- LEVEL 1 : OK
- LEVEL 2 : CONCERN
- LEVEL 3 : REQUIRES ATTENTION



Sentinel-1 analysis - Bridge N° 13 Year of construction: 2013

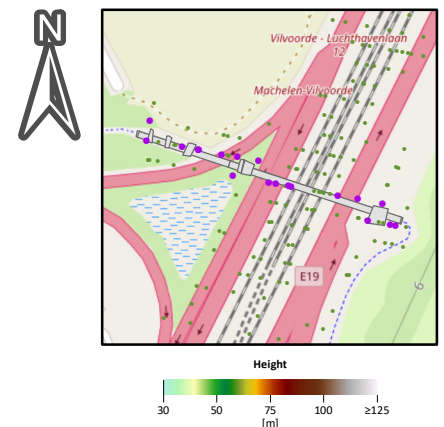
2014.11.18 - 2021.10.12



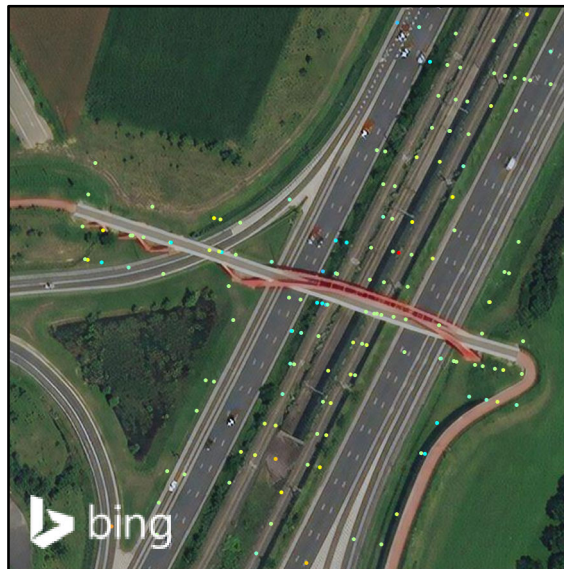
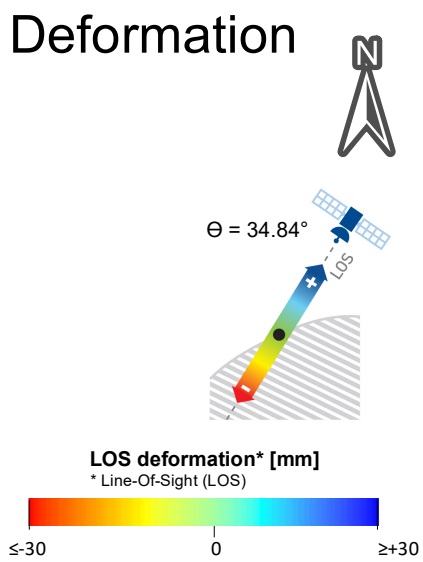
Surface Deformation Information

MP count	28	Avg_displ	1,84 mm	Avg_stdef	4,13 mm
PS count	28	Min_displ	-13,7 mm	Min_stdef	0,9 mm
DS count	0	Max_displ	19,5 mm	Max_stdef	6,4 mm
		Std_displ	7,49 mm		
Avg_vel	0,24 mm/yr	Avg_seas	1,28 mm		
Min_vel	-0,8 mm/yr	Min_seas	0,07 mm		
Max_vel	1,7 mm/yr	Max_seas	4,39 mm		
Vel_std	0,65 mm/yr	Std_seas	1,17 mm		

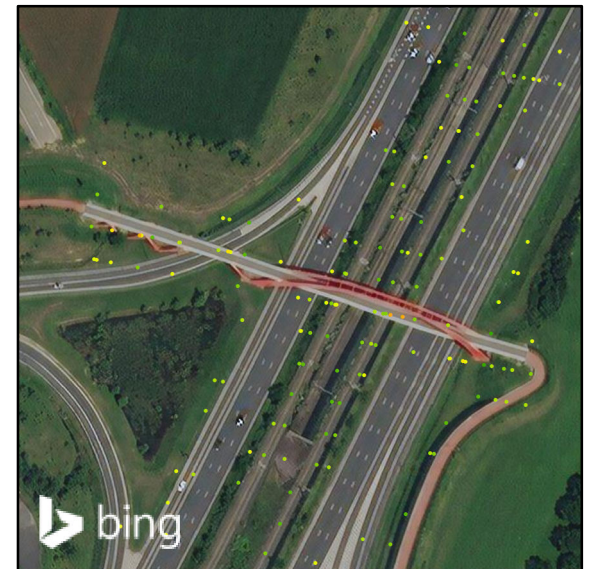
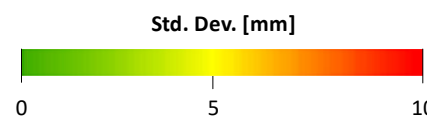
Surroundings



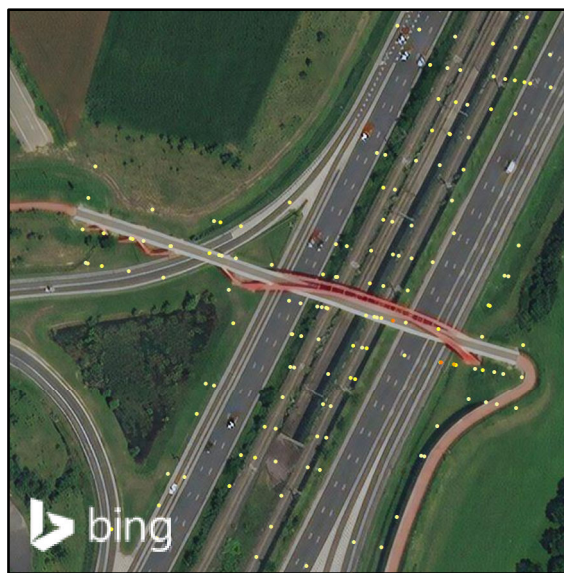
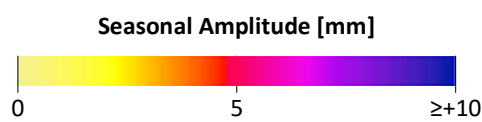
Deformation



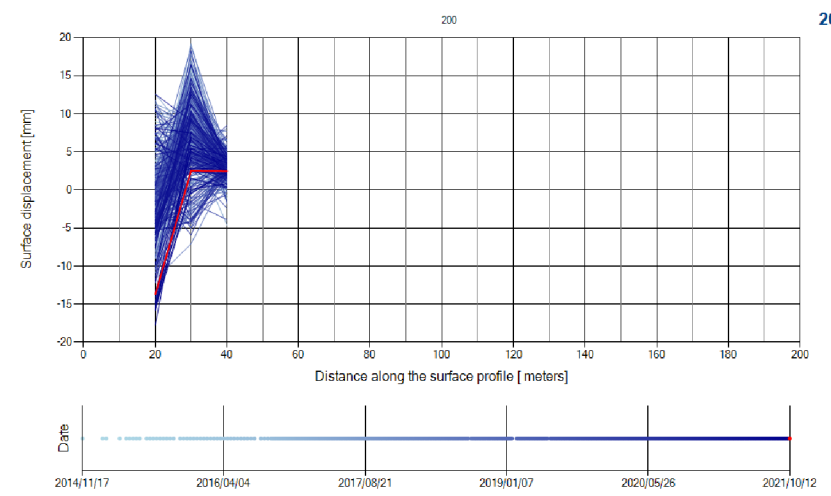
Standard Deviation



Seasonality



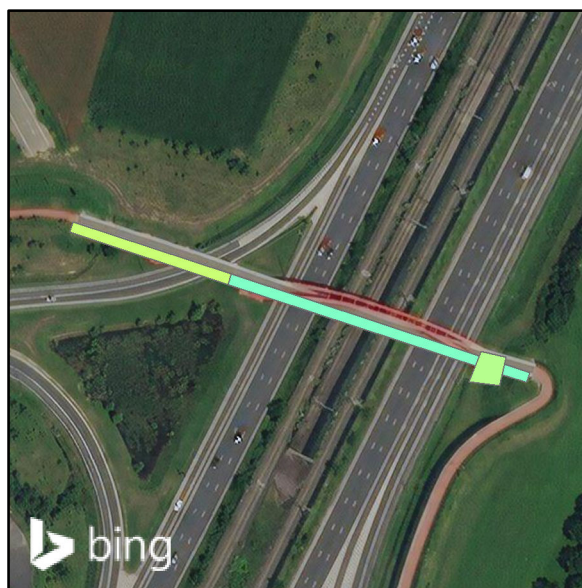
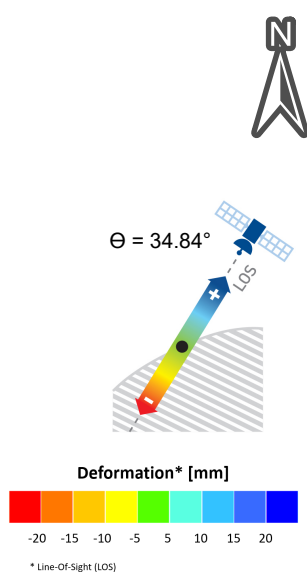
Deformation Profile*



* From west to east or/and south to north

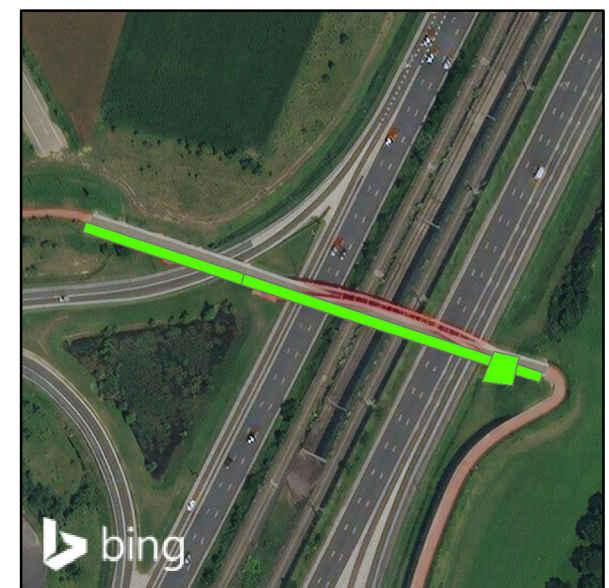
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

- LEVEL 1 : OK
- LEVEL 2 : CONCERN
- LEVEL 3 : REQUIRES ATTENTION



Sentinel-1 analysis - Bridge N° 14 Year of construction: 2014

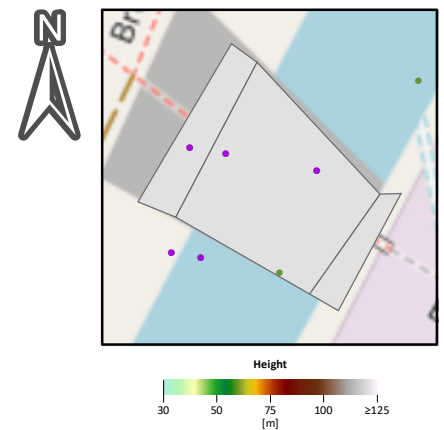
2014.11.18 - 2021.10.12



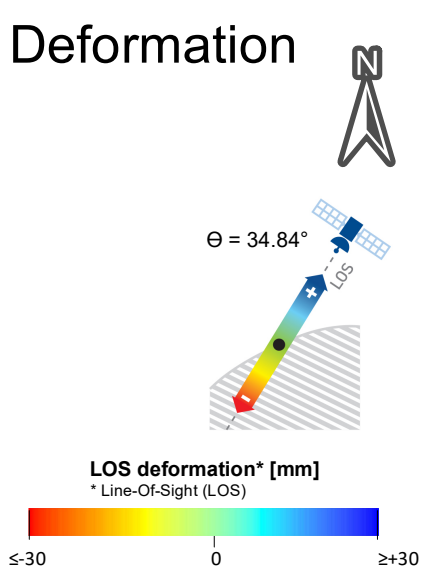
Surface Deformation Information

MP count	4	Avg_displ	-0,23 mm	Avg_stdef	4,7 mm
PS count	4	Min_displ	-15,3 mm	Min_stdef	3,3 mm
DS count	0	Max_displ	11,5 mm	Max_stdef	5,6 mm
		Std_displ	10,8 mm		
Avg_vel	0,92 mm/yr	Avg_seas	0,81 mm		
Min_vel	-2,8 mm/yr	Min_seas	0,56 mm		
Max_vel	2,8 mm/yr	Max_seas	1 mm		
Vel_std	2,21 mm/yr	Std_seas	0,16 mm		

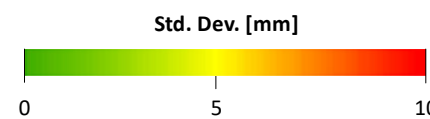
Surroundings



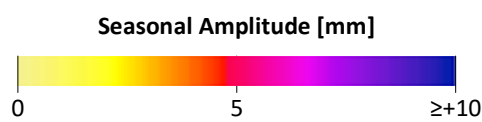
Deformation



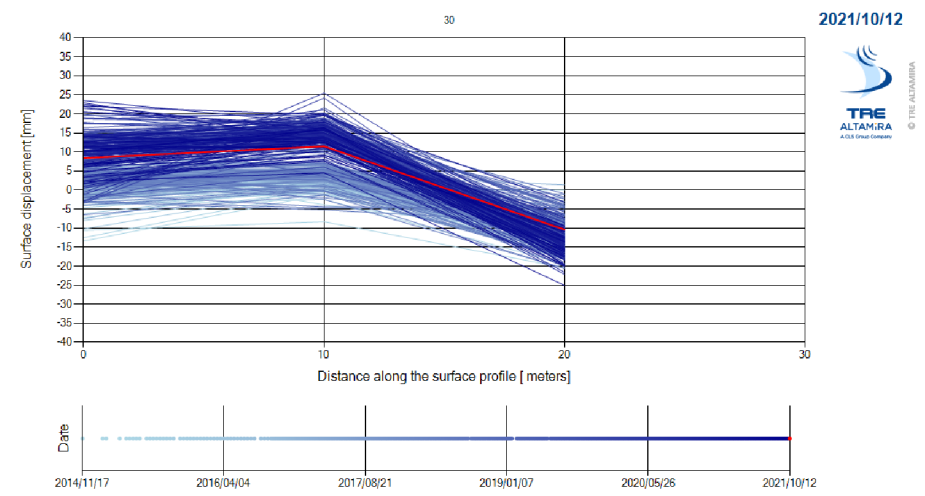
Standard Deviation



Seasonality



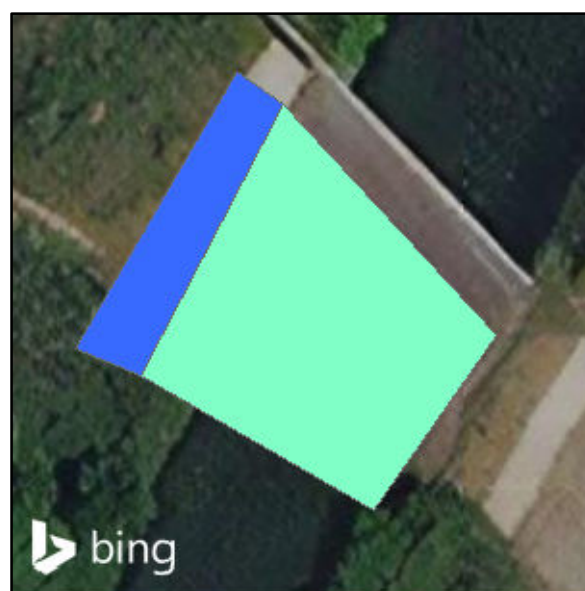
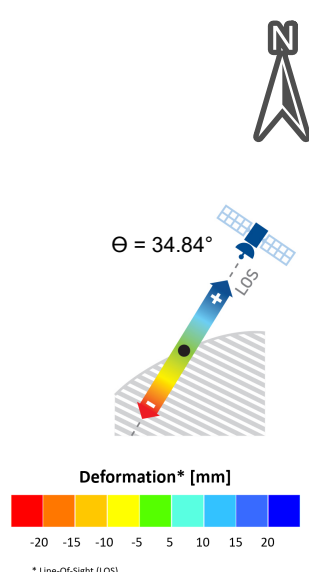
Deformation Profile*



* From west to east or/and south to north

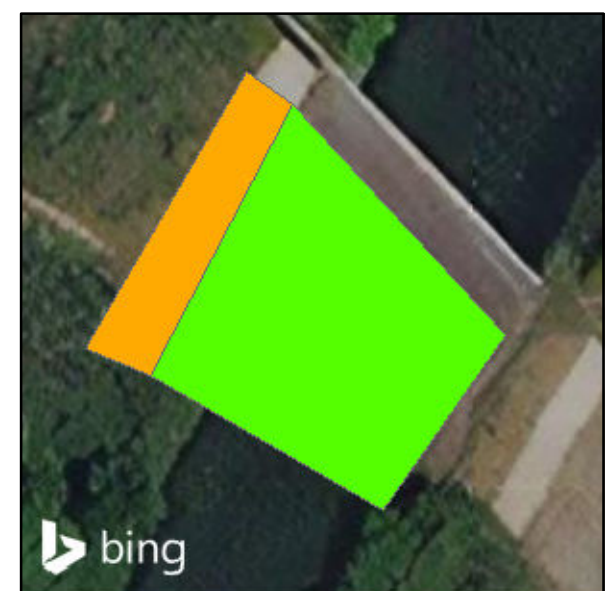
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

- LEVEL 1 : OK
- LEVEL 2 : CONCERN
- LEVEL 3 : REQUIRES ATTENTION



Sentinel-1 analysis - Bridge N° 15 Year of construction: 2012

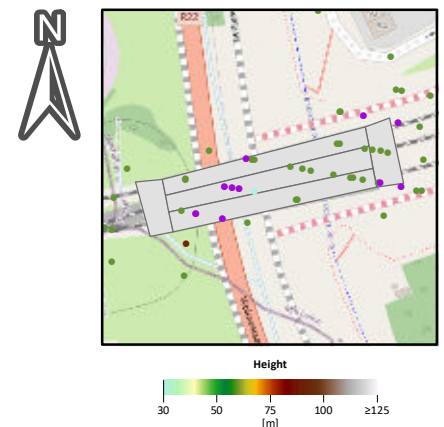
2014.11.18 - 2021.10.12



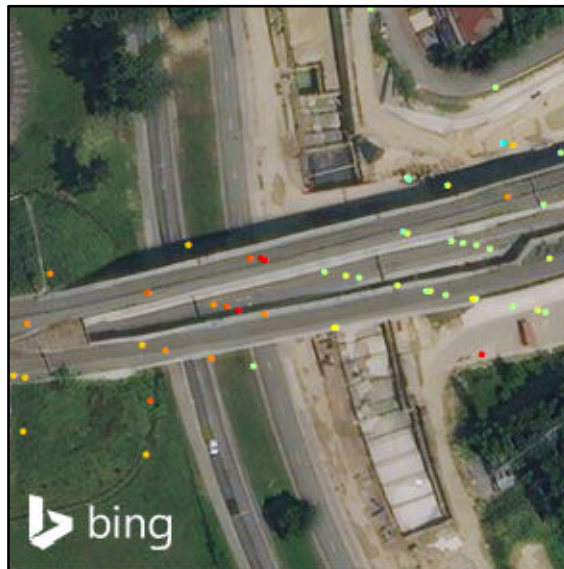
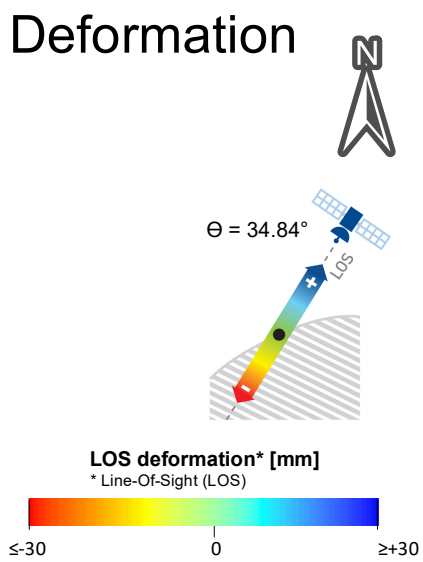
Surface Deformation Information

MP count	29	Avg_displ	-12,42 mm	Avg_stdef	4,18 mm
PS count	29	Min_displ	-34,4 mm	Min_stdef	2,2 mm
DS count	0	Max_displ	7,1 mm	Max_stdef	6,2 mm
		Std_displ	12,14 mm		
Avg_vel	-1,66 mm/yr	Avg_seas	2,51 mm		
Min_vel	-4 mm/yr	Min_seas	0,39 mm		
Max_vel	1,1 mm/yr	Max_seas	4,89 mm		
Vel_std	1,41 mm/yr	Std_seas	1,18 mm		

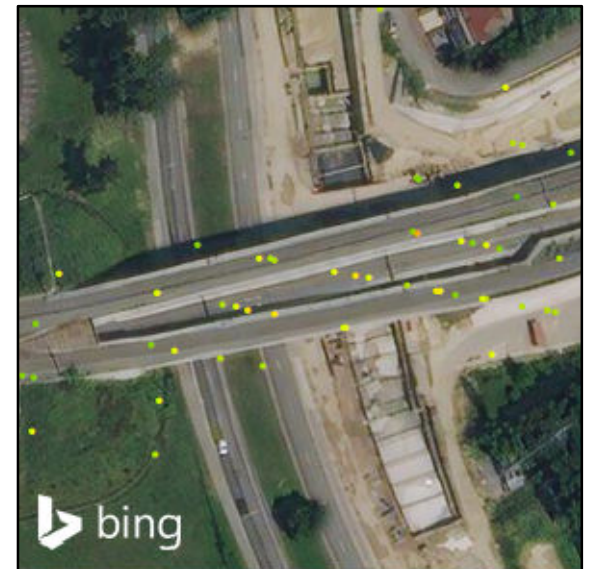
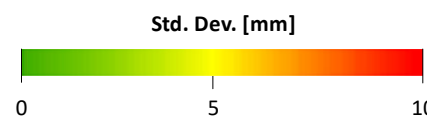
Surroundings



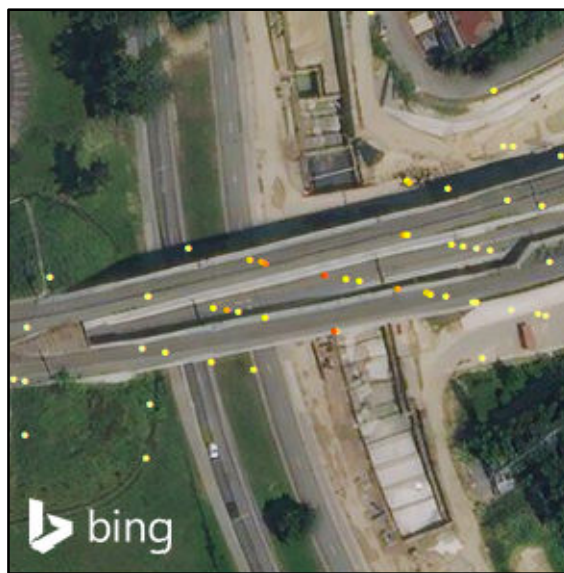
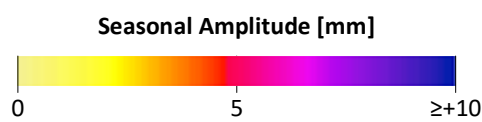
Deformation



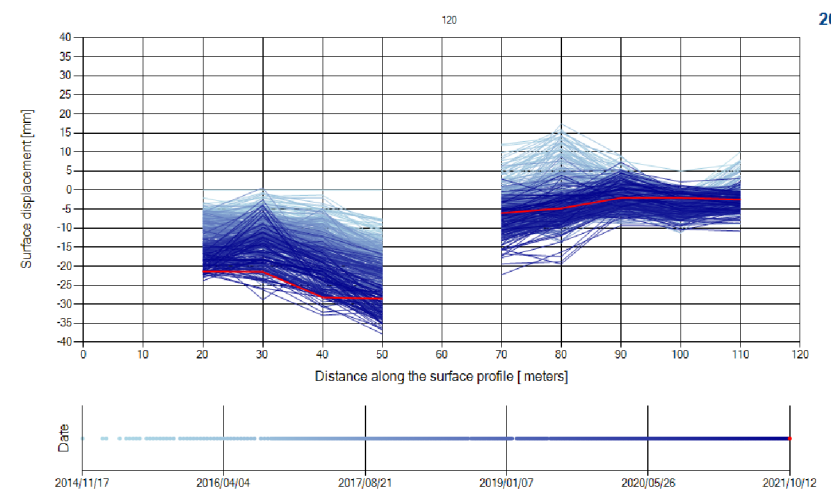
Standard Deviation



Seasonality



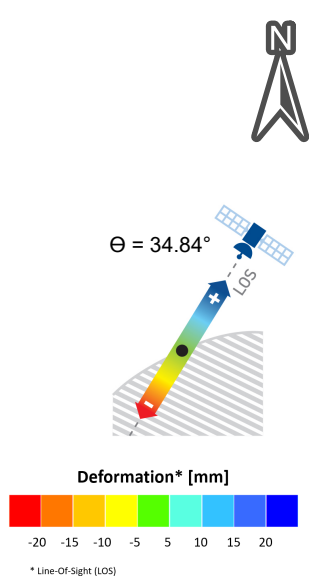
Deformation Profile*



* From west to east or/and south to north

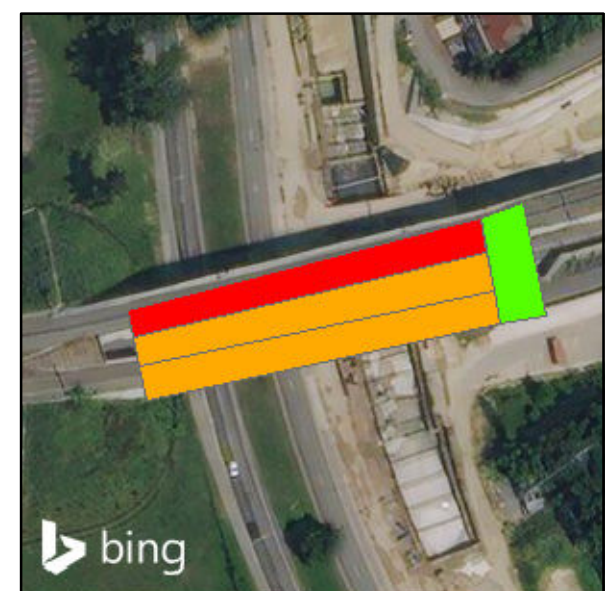
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

- LEVEL 1 : OK
- LEVEL 2 : CONCERN
- LEVEL 3 : REQUIRES ATTENTION



Sentinel-1 analysis - Bridge N° 16 Year of construction: 1901

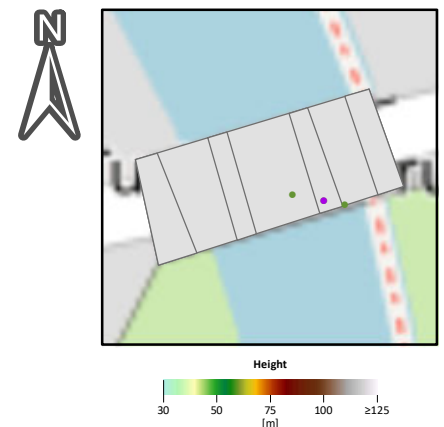
2014.11.18 - 2021.10.12



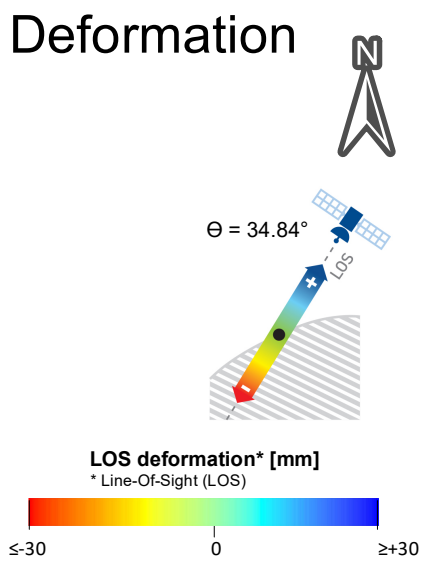
Surface Deformation Information

MP count	3	Avg_displ	3,2 mm	Avg_stdef	4,77 mm
PS count	3	Min_displ	2,1 mm	Min_stdef	3,8 mm
DS count	0	Max_displ	4,6 mm	Max_stdef	5,3 mm
		Std_displ	1,04 mm		
Avg_vel	-1,37 mm/yr	Avg_seas	0,71 mm		
Min_vel	-1,7 mm/yr	Min_seas	0,32 mm		
Max_vel	-1 mm/yr	Max_seas	1,44 mm		
Vel_std	0,29 mm/yr	Std_seas	0,52 mm		

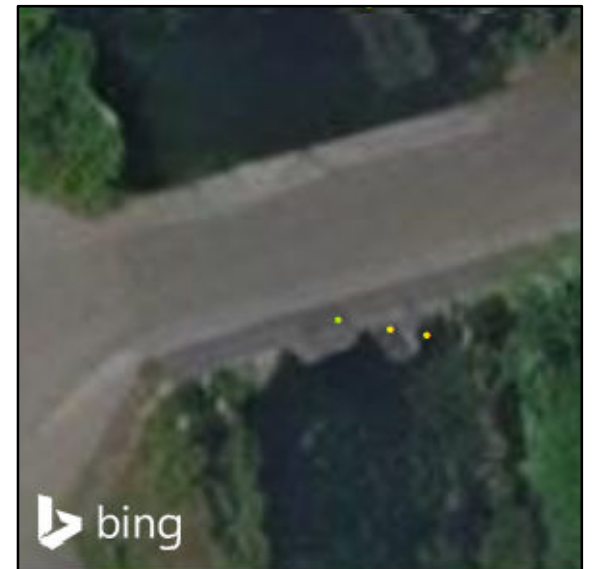
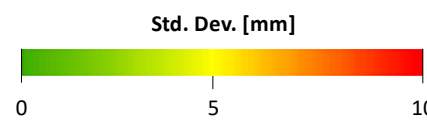
Surroundings



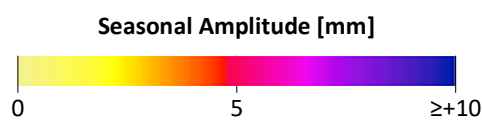
Deformation



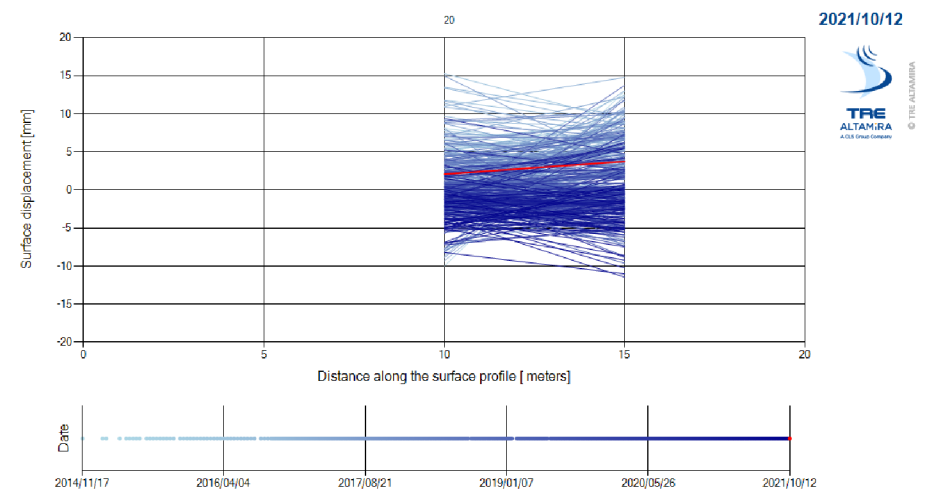
Standard Deviation



Seasonality



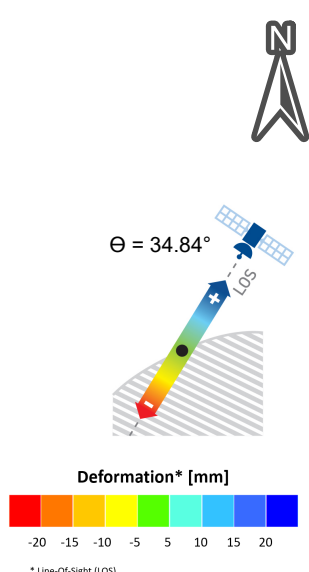
Deformation Profile*



* From west to east or/and south to north

Polygon Analysis*

* Base on seasonally filtered results



Alerting System

- LEVEL 1 : OK
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- LEVEL 3 : REQUIRES ATTENTION



Sentinel-1 analysis - Bridge N° 17 Year of construction: 1955

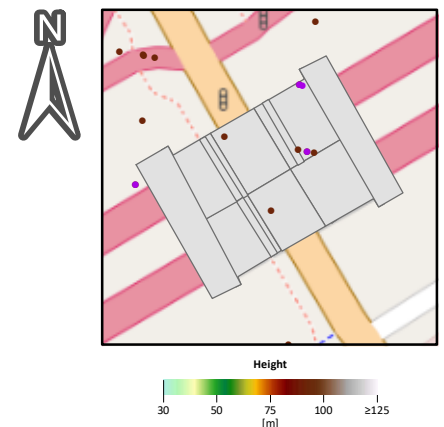
2014.11.18 - 2021.10.12



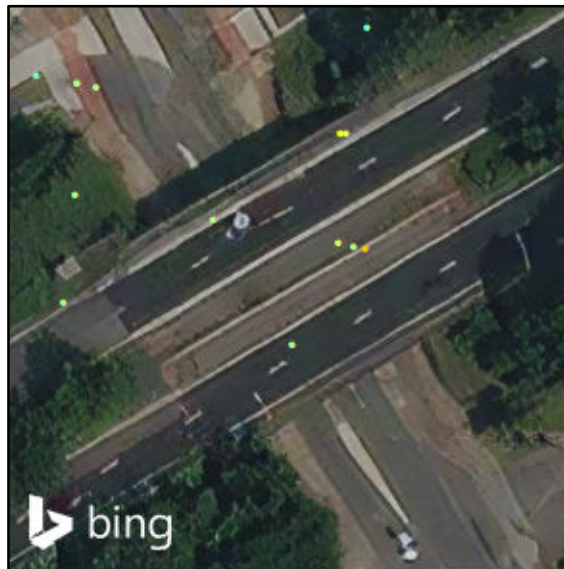
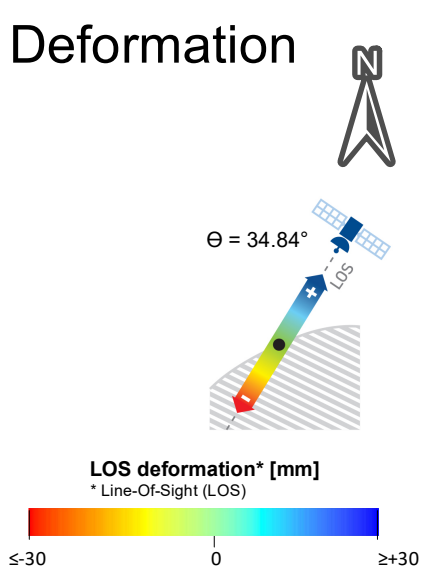
Surface Deformation Information

MP count	7	Avg_displ	-5,2 mm	Avg_stdef	4,44 mm
PS count	7	Min_displ	-16 mm	Min_stdef	2,2 mm
DS count	0	Max_displ	4,7 mm	Max_stdef	6,3 mm
		Std_displ	7,26 mm		
Avg_vel	-0,17 mm/yr	Avg_seas	0,8 mm		
Min_vel	-1 mm/yr	Min_seas	0,33 mm		
Max_vel	0,6 mm/yr	Max_seas	1,57 mm		
Vel_std	0,56 mm/yr	Std_seas	0,45 mm		

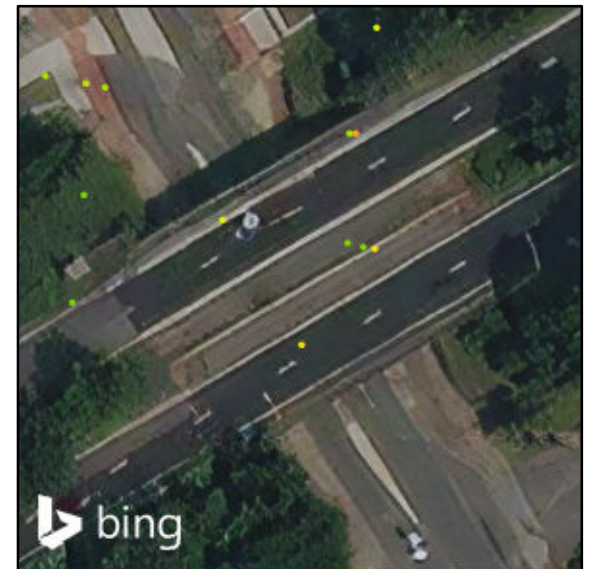
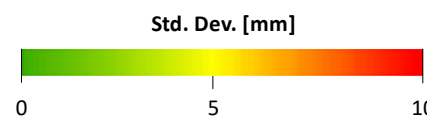
Surroundings



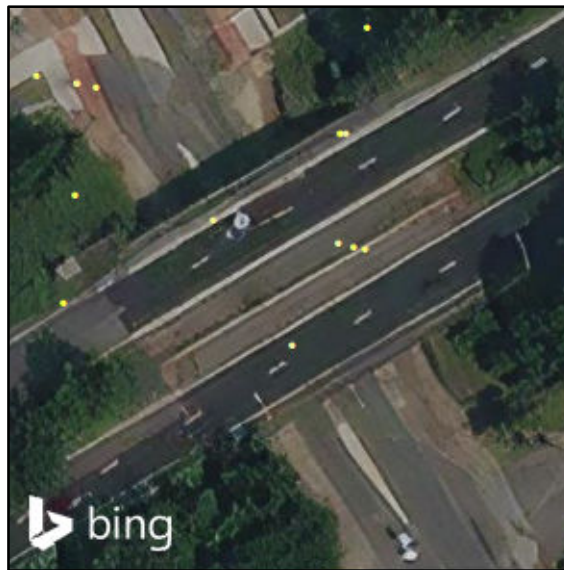
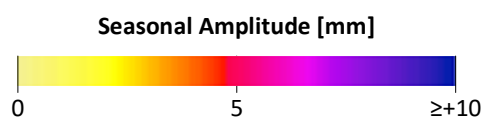
Deformation



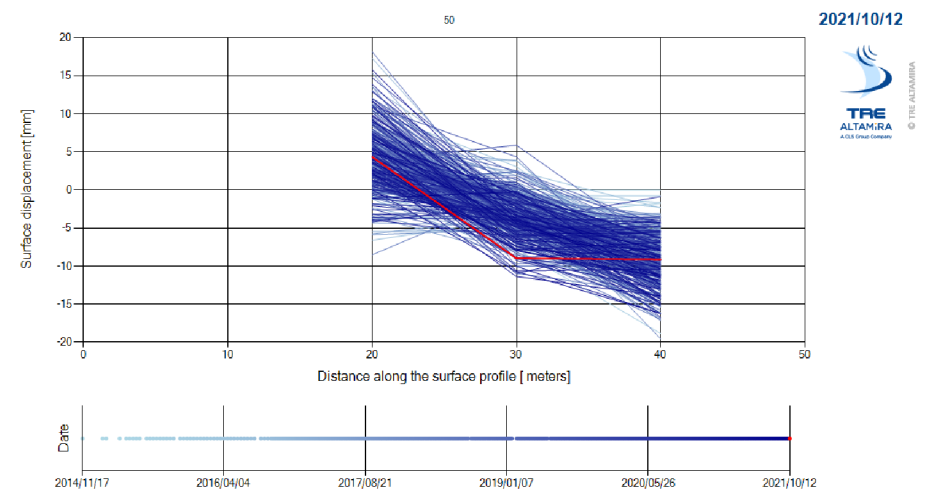
Standard Deviation



Seasonality



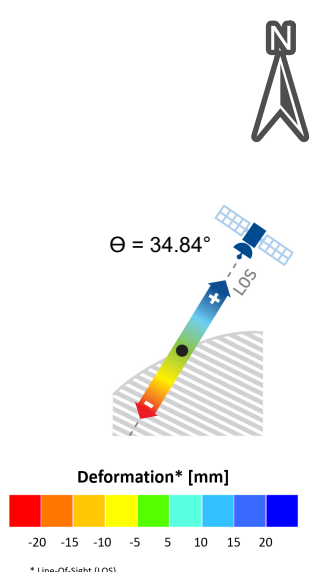
Deformation Profile*



* From west to east or/and south to north

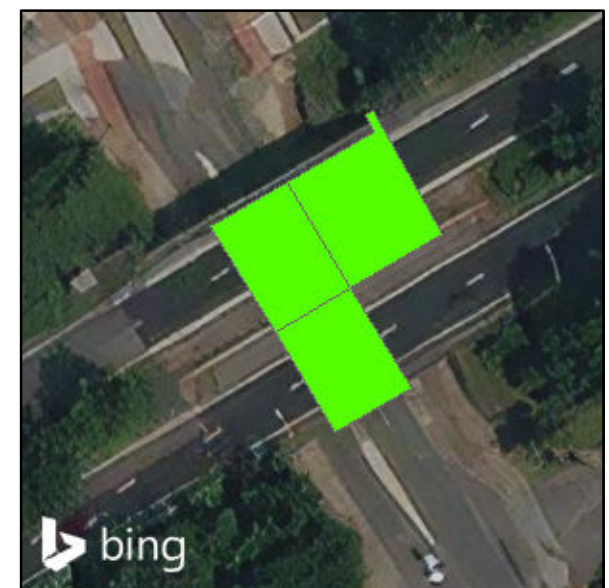
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

- LEVEL 1 : OK
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- LEVEL 3 : REQUIRES ATTENTION



Sentinel-1 analysis - Bridge N° 18 Year of construction: 1976

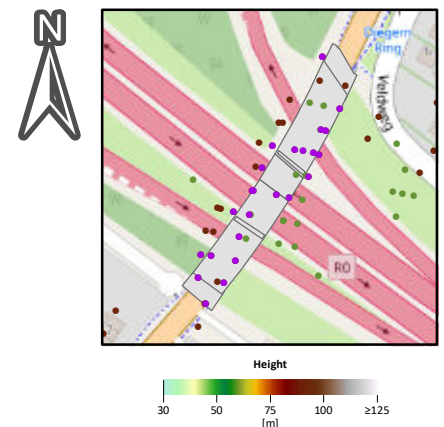
2014.11.18 - 2021.10.12



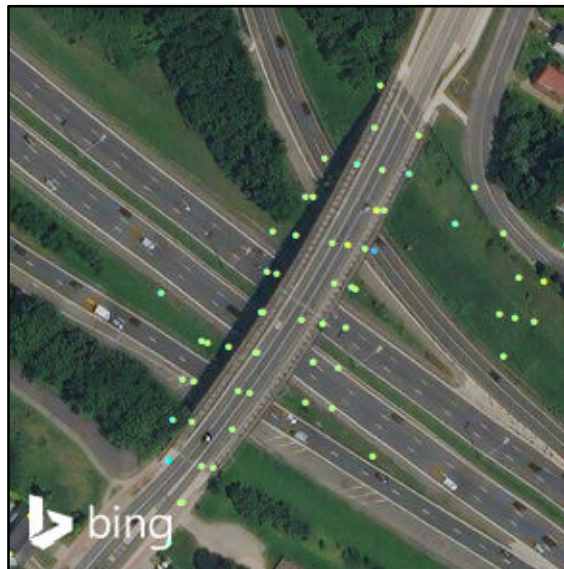
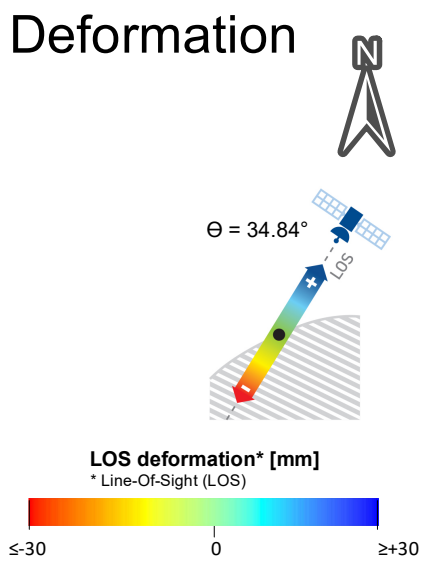
Surface Deformation Information

MP count	27	Avg_displ	0,68 mm	Avg_stdef	3,01 mm
PS count	27	Min_displ	-7,9 mm	Min_stdef	1,3 mm
DS count	0	Max_displ	11,8 mm	Max_stdef	5,9 mm
		Std_displ	3,88 mm		
Avg_vel	0,05 mm/yr	Avg_seas	1,27 mm		
Min_vel	-1,2 mm/yr	Min_seas	0,06 mm		
Max_vel	0,7 mm/yr	Max_seas	2,7 mm		
Vel_std	0,4 mm/yr	Std_seas	0,77 mm		

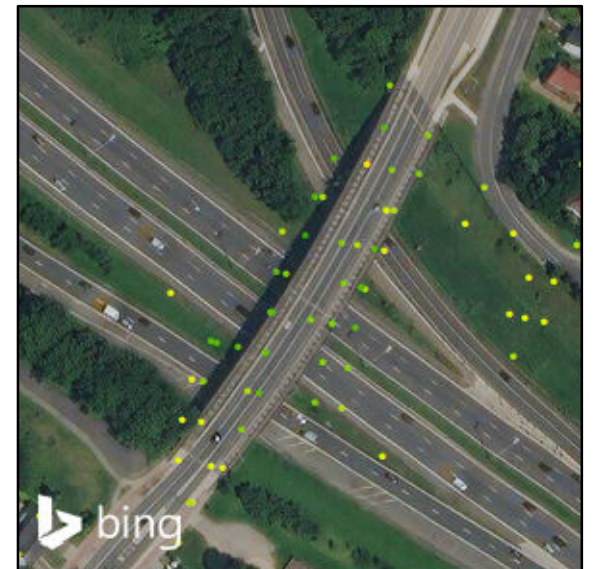
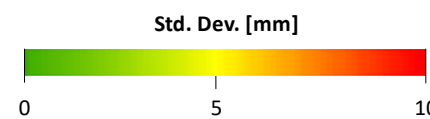
Surroundings



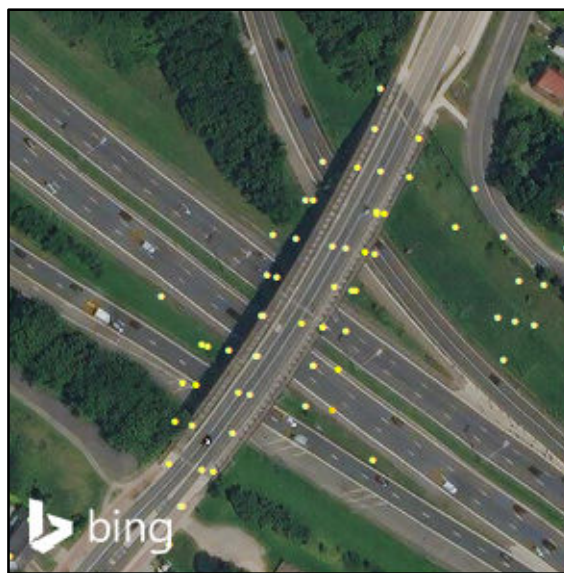
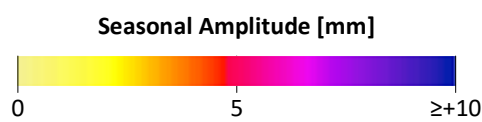
Deformation



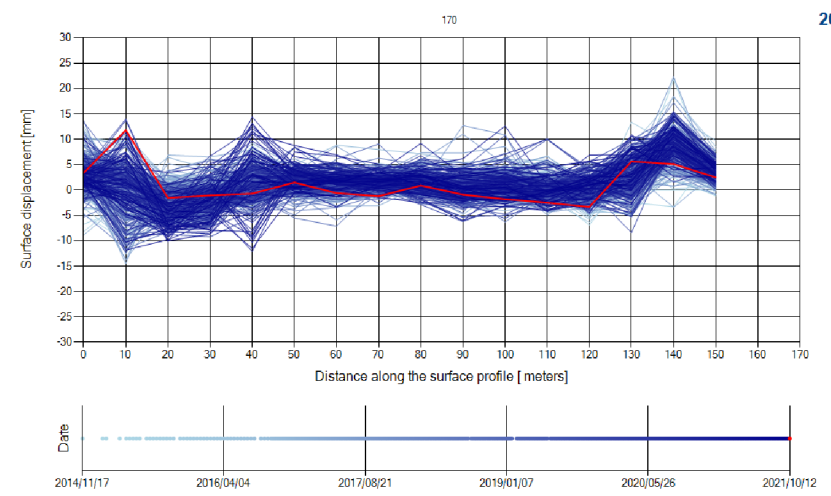
Standard Deviation



Seasonality



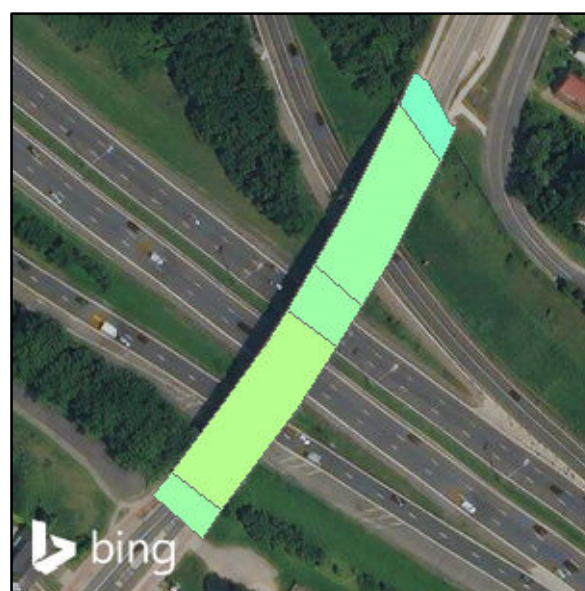
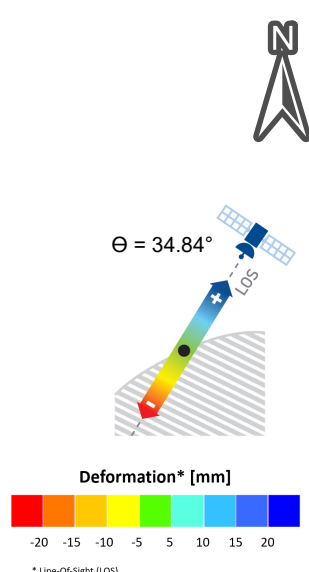
Deformation Profile*



* From west to east or/and south to north

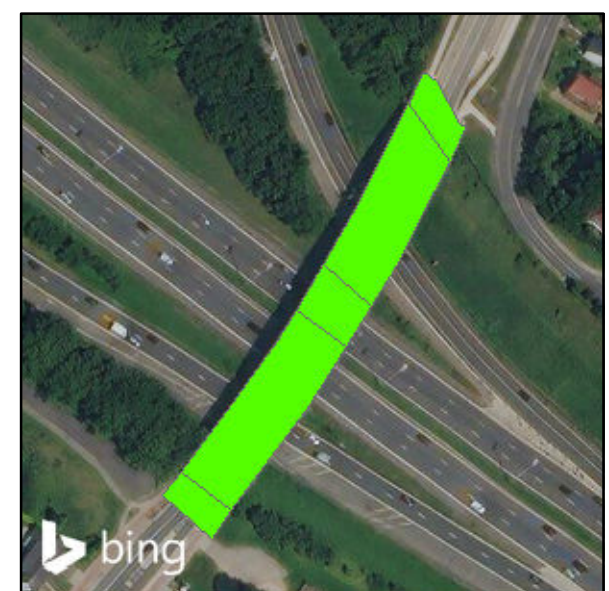
Polygon Analysis*

* Base on seasonally filtered results



Alerting System

- LEVEL 1 : OK
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- LEVEL 3 : REQUIRES ATTENTION



Sentinel-1 analysis - Bridge N° 19 Year of construction: 2000

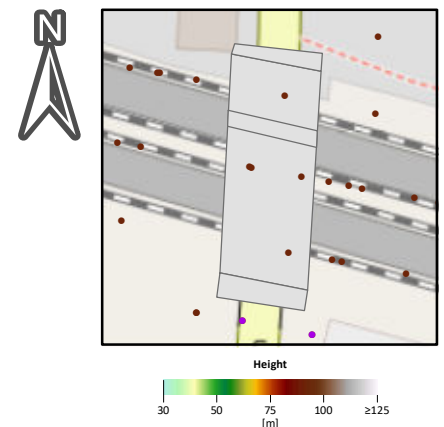
2014.11.18 - 2021.10.12



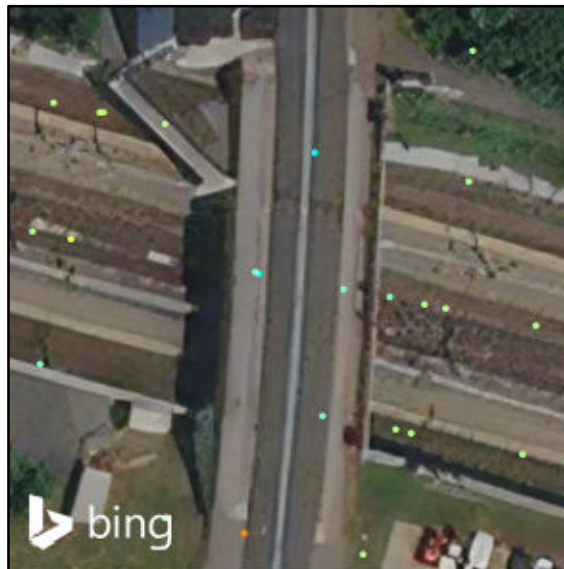
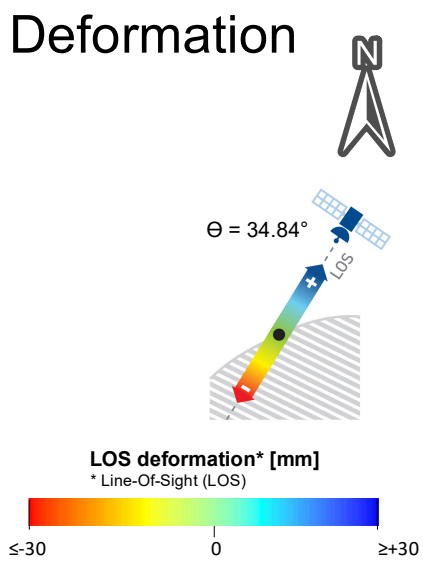
Surface Deformation Information

MP count	5	Avg_displ	9,28 mm	Avg_stdef	3,98 mm
PS count	5	Min_displ	5,7 mm	Min_stdef	2,9 mm
DS count	0	Max_displ	13,2 mm	Max_stdef	4,7 mm
		Std_displ	3,05 mm		
Avg_vel	0,36 mm/yr	Avg_seas	0,78 mm		
Min_vel	0,1 mm/yr	Min_seas	0,3 mm		
Max_vel	1 mm/yr	Max_seas	1,19 mm		
Vel_std	0,34 mm/yr	Std_seas	0,36 mm		

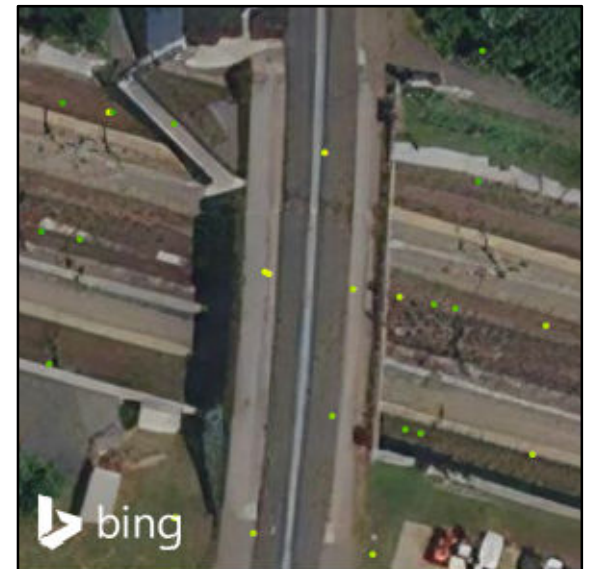
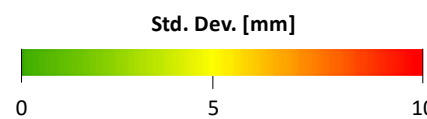
Surroundings



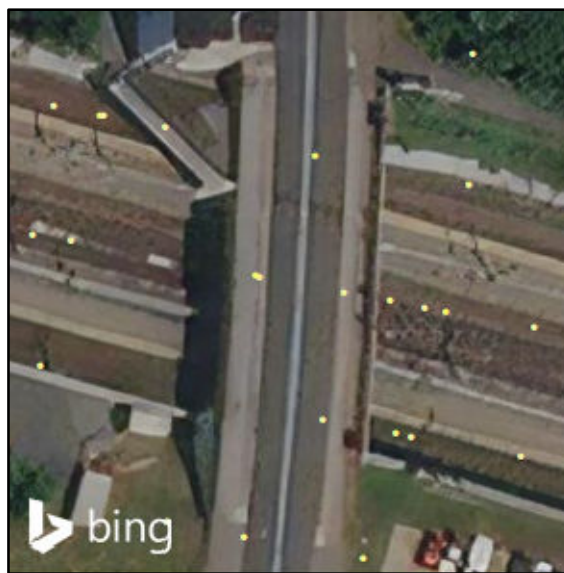
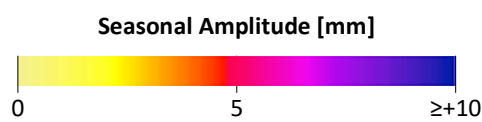
Deformation



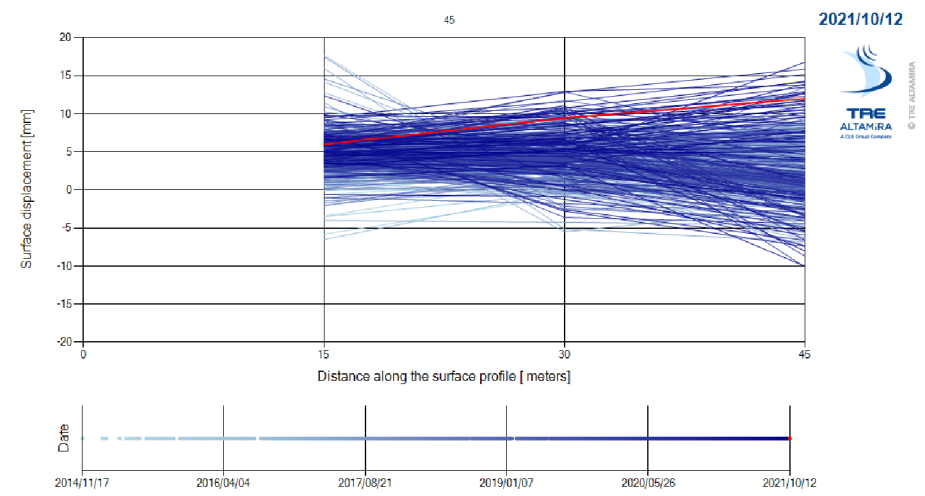
Standard Deviation



Seasonality



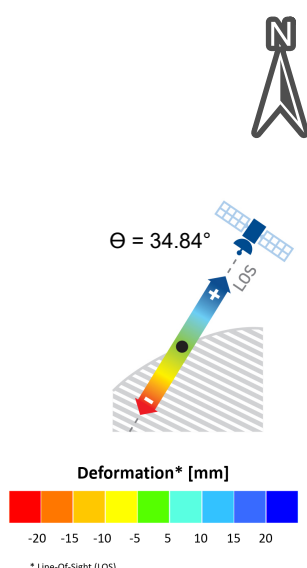
Deformation Profile*



* From west to east or/and south to north

Polygon Analysis*

* Base on seasonally filtered results



Alerting System

- LEVEL 1 : OK
- LEVEL 2 : CONCERN
- LEVEL 3 : REQUIRES ATTENTION



Sentinel-1 analysis - Bridge N° 20 Year of construction: 1976

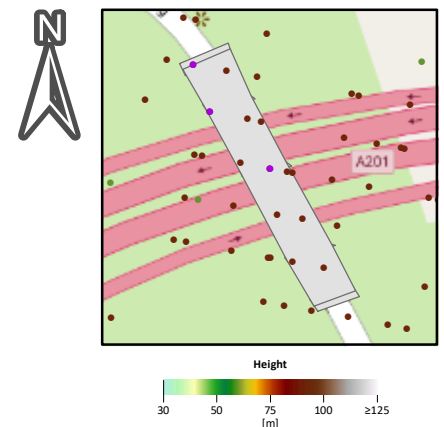
2014.11.18 - 2021.10.12



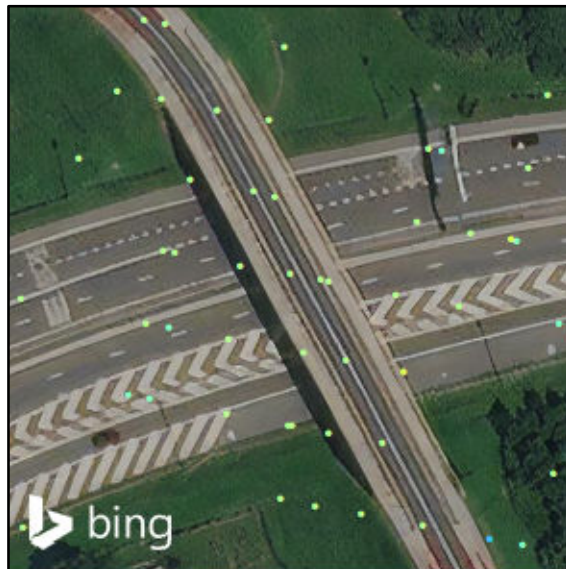
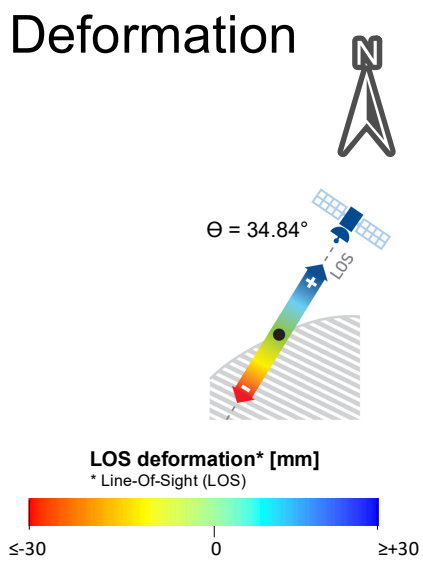
Surface Deformation Information

MP count	13	Avg_displ	-0,32 mm	Avg_stdef	1,55 mm
PS count	13	Min_displ	-3,4 mm	Min_stdef	0,9 mm
DS count	0	Max_displ	1,9 mm	Max_stdef	3,7 mm
		Std_displ	1,62 mm		
Avg_vel	0,09 mm/yr	Avg_seas	0,56 mm		
Min_vel	-0,2 mm/yr	Min_seas	0,26 mm		
Max_vel	0,6 mm/yr	Max_seas	1,24 mm		
Vel_std	0,21 mm/yr	Std_seas	0,3 mm		

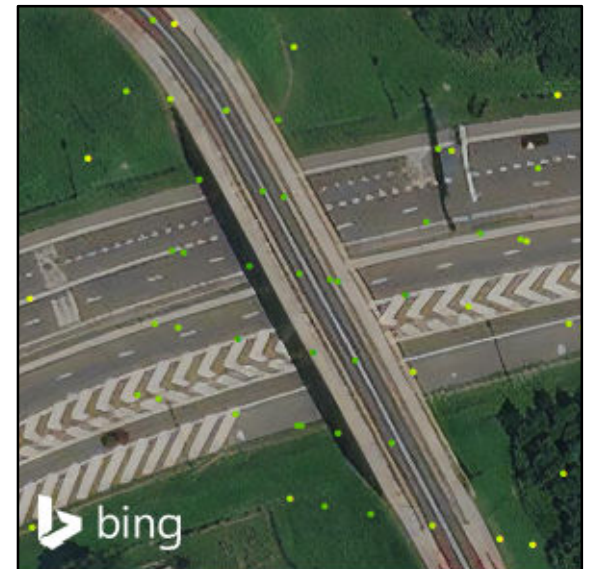
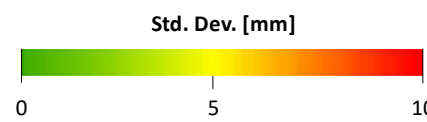
Surroundings



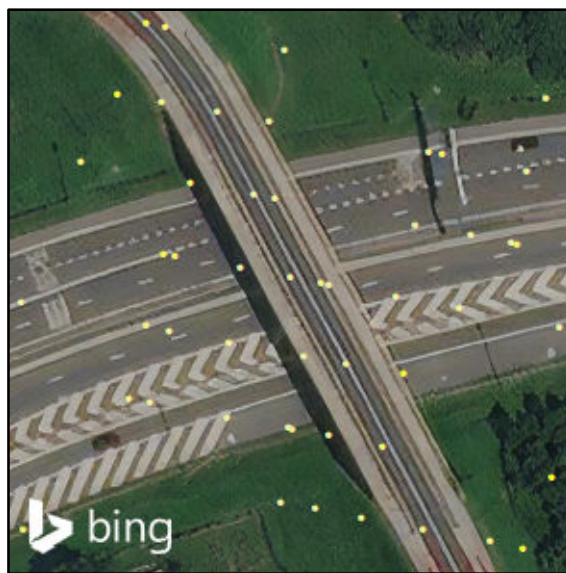
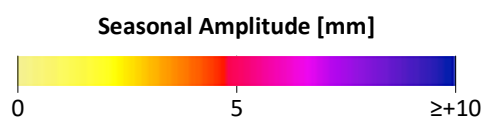
Deformation



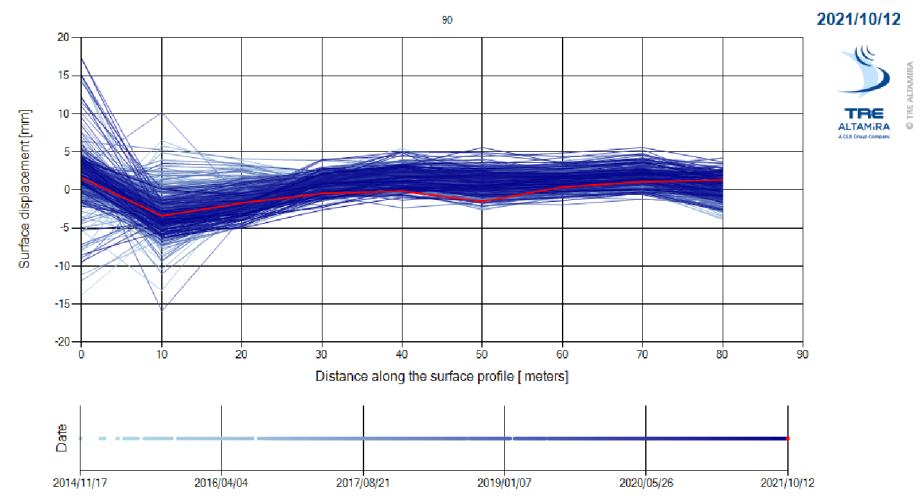
Standard Deviation



Seasonality



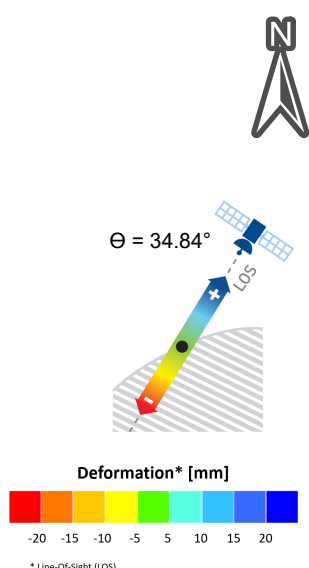
Deformation Profile*



* From west to east or/and south to north

Polygon Analysis*

* Base on seasonally filtered results



Alerting System

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Sentinel-1 analysis - Bridge N° 21 Year of construction: 1975

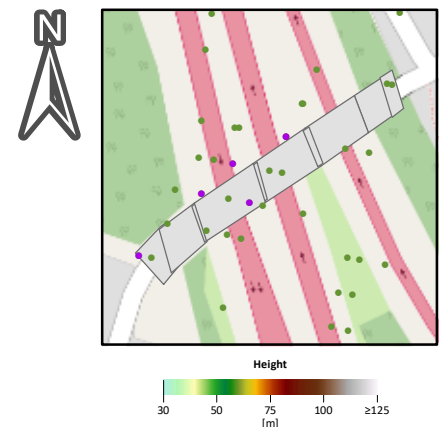
2014.11.18 - 2021.10.12



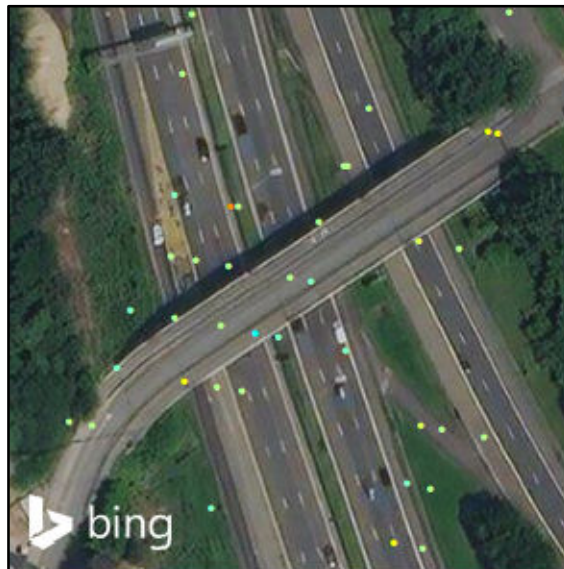
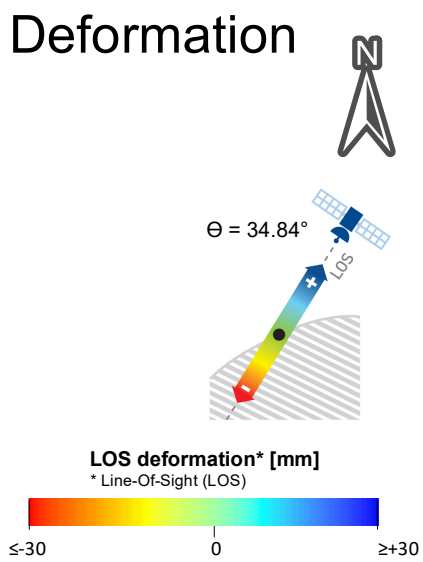
Surface Deformation Information

MP count	11	Avg_displ	-0,14 mm	Avg_stdef	4,02 mm
PS count	11	Min_displ	-12,5 mm	Min_stdef	1,1 mm
DS count	0	Max_displ	10,3 mm	Max_stdef	6,3 mm
		Std_displ	8,19 mm		
Avg_vel	0,01 mm/yr	Avg_seas	1,12 mm		
Min_vel	-0,8 mm/yr	Min_seas	0,39 mm		
Max_vel	0,8 mm/yr	Max_seas	2,39 mm		
Vel_std	0,44 mm/yr	Std_seas	0,62 mm		

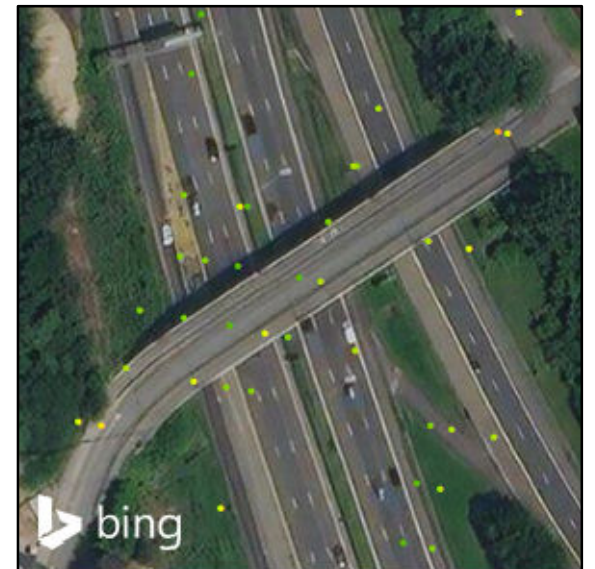
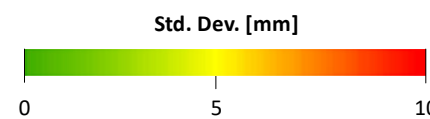
Surroundings



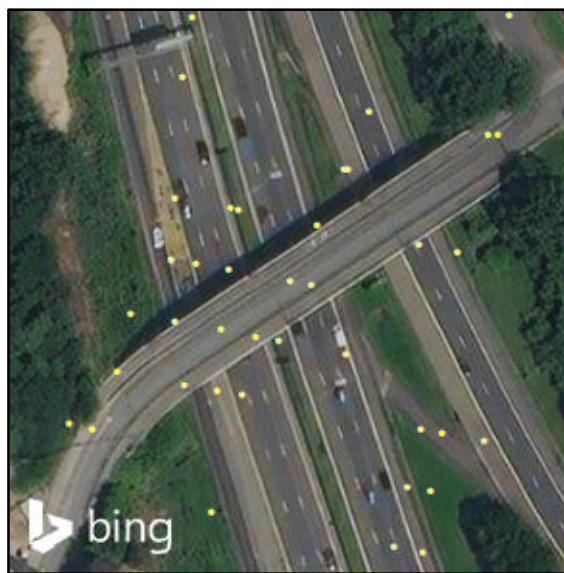
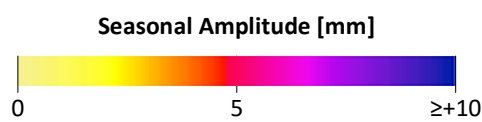
Deformation



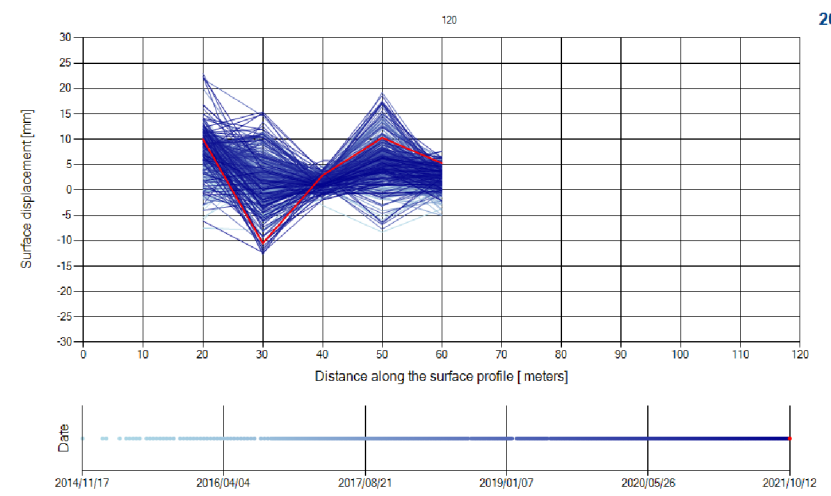
Standard Deviation



Seasonality



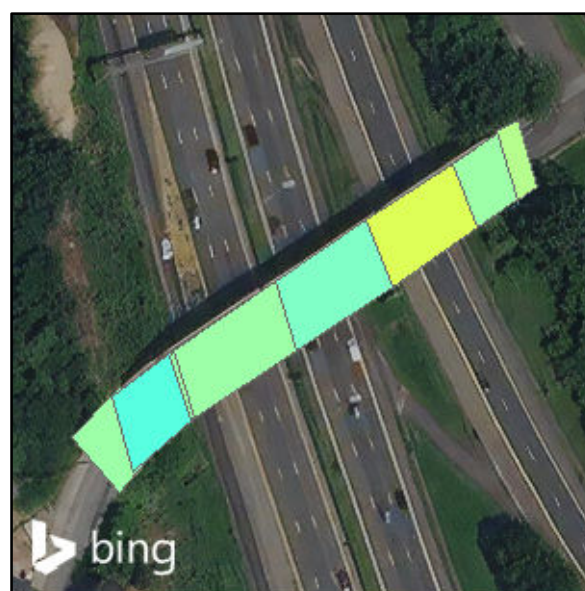
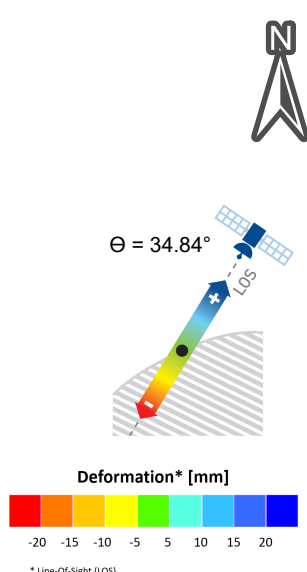
Deformation Profile*



* From west to east or/and south to north

Polygon Analysis*

* Base on seasonally filtered results



Alerting System

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