

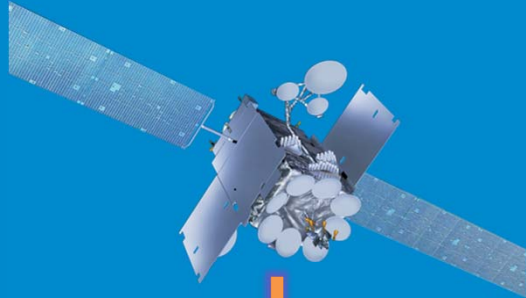


Satellite data, which usecase?

Geosigweb



GEOSIGWEB – Software Editor





Monitoring of land consumption

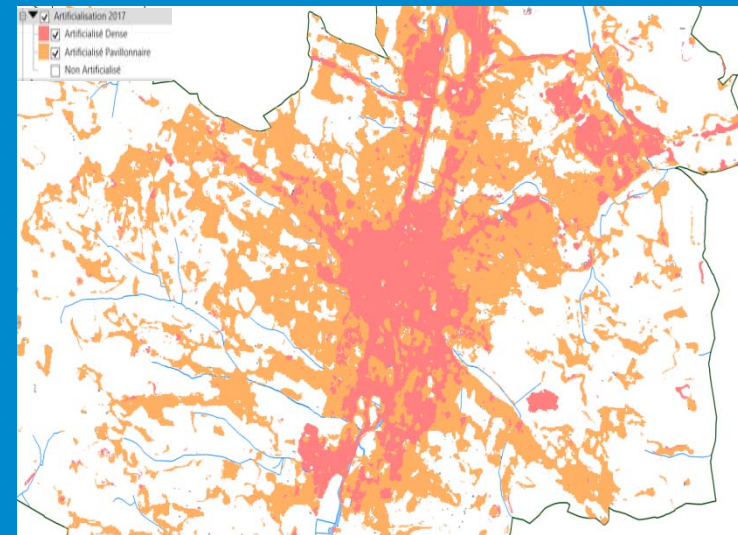
Geosigweb

Algorithm of classification

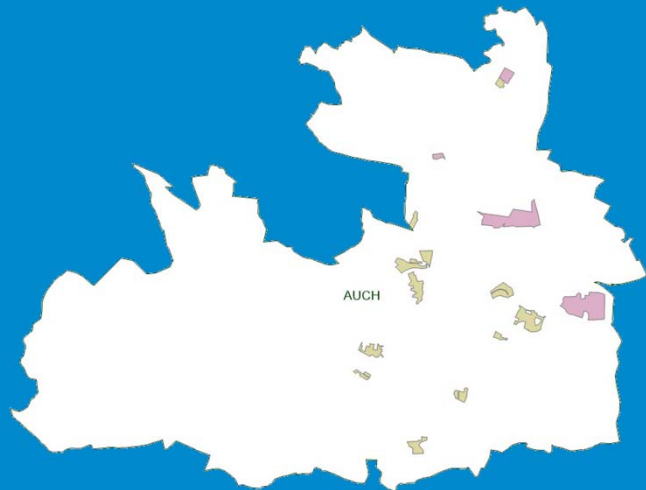
Intense & Light Urbanisation



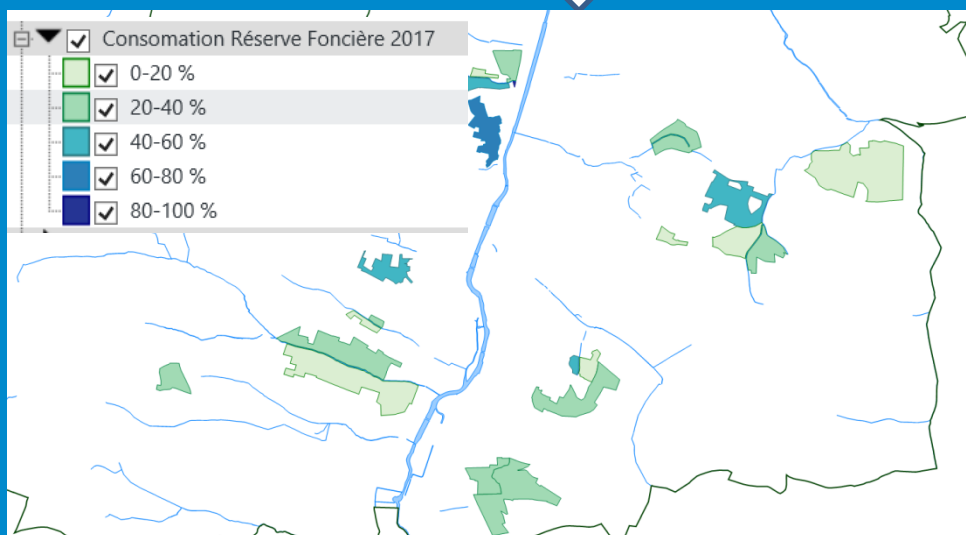
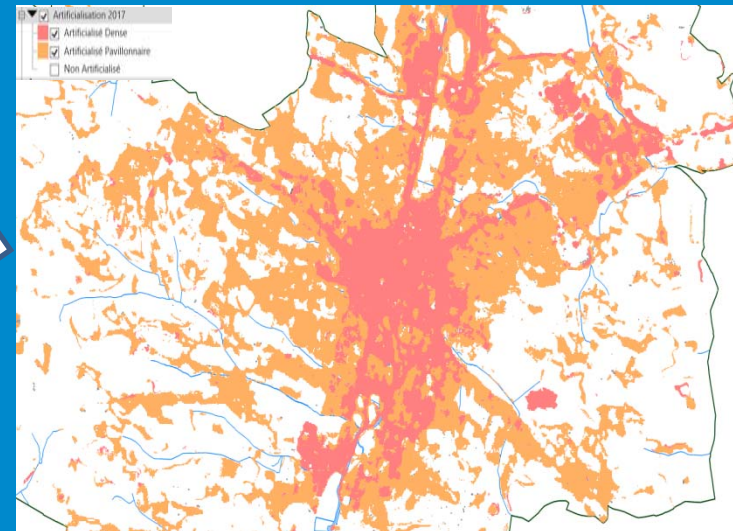
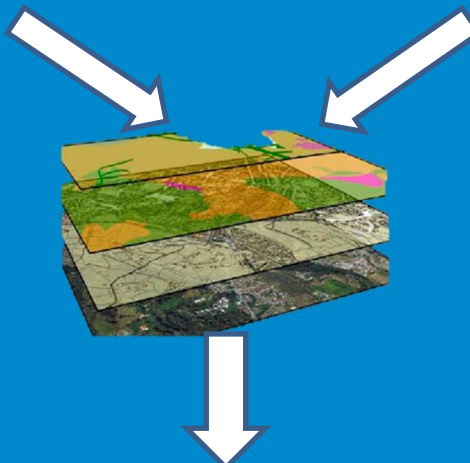
Sentinel2 Image of the area



Result of classification



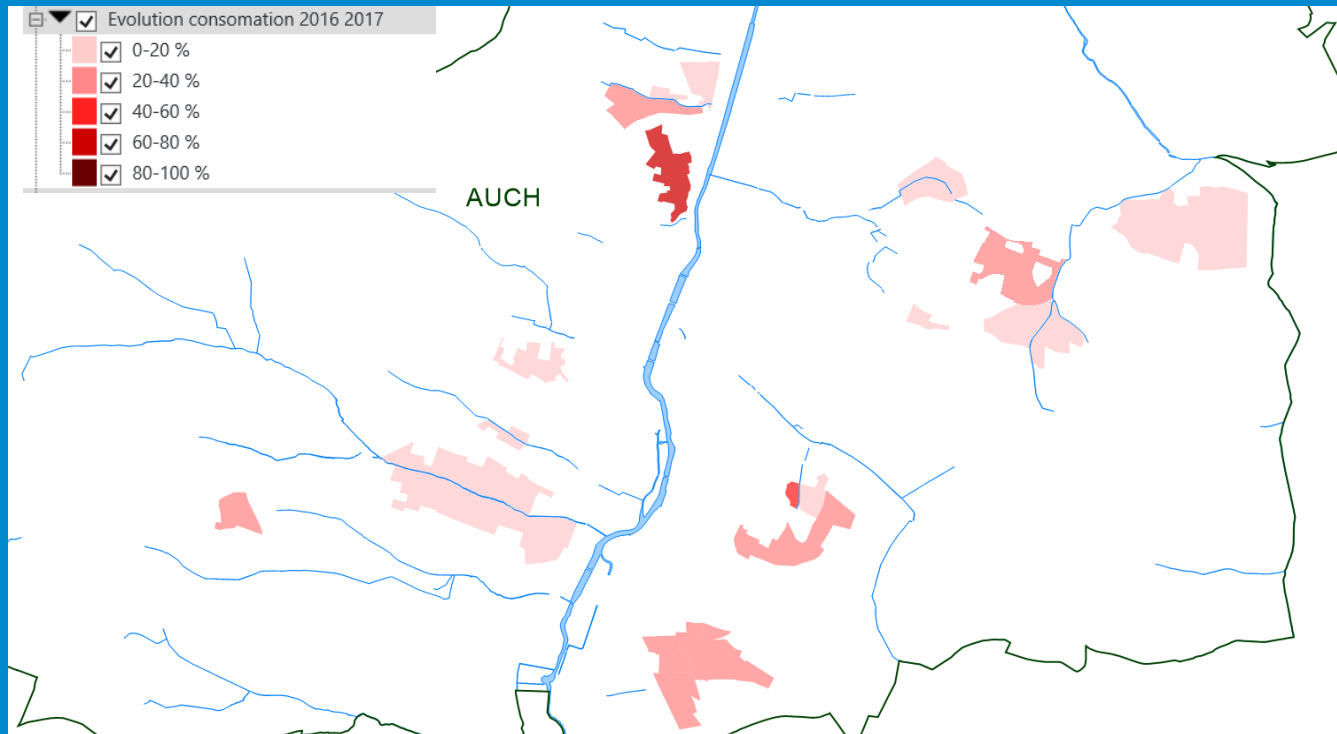
Reserve of area to urbanize from local urbanism plan



Area consumption map's

Evolution of the consumption

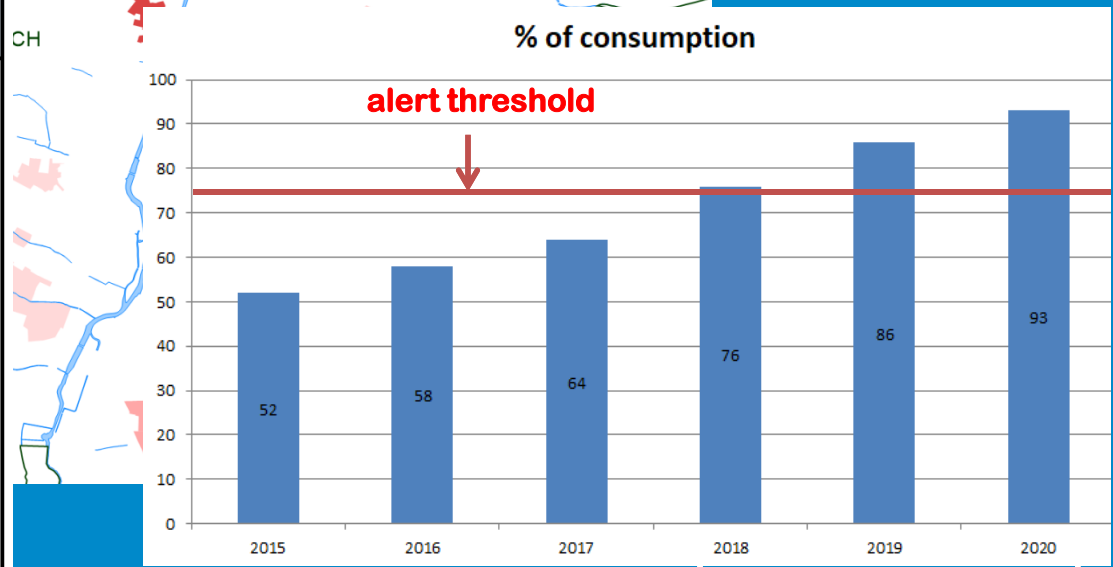
Comparison by repetitive classification (every 6 month for ex.)



In fact tools of prediction, warning and planification !

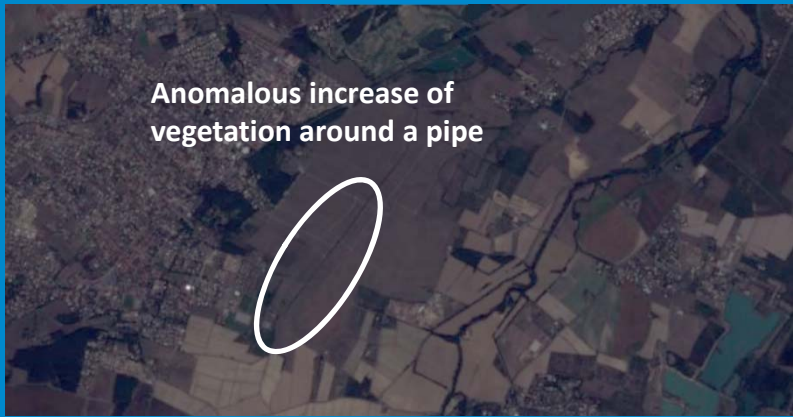
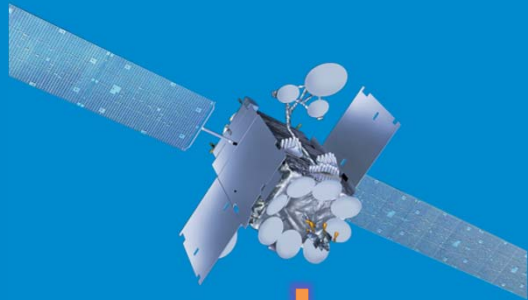


Numéro	Zone	Surface totale	Surface consommée en 2016	Surface consommée en 2017	Surface consommée sur la dernière année	Tranche d'évolution de consommation
2	1AU	13423.99	15.18	17.93	2.75	0-20 %
20	1AUY	54237.4	1.3	4.3	3	0-20 %
15	2AU	36136.28	1.02	2.96	1.94	0-20 %
19	1AUY	21757.58	36.51	82.6	46.09	40-60 %
28	2AUY	26805.46	0	0	0	0-20 %
7	1AU	65167.69	0.12	21.35	21.23	20-40 %
1	1AU	730.42	100	100	0	0-20 %
3	1AU	12164.29	1.4	46.94	45.54	40-60 %
4	1AU	32696.25	0.26	0.71	0.45	0-20 %
5	1AU	8116.18	29.84	31.51	1.67	0-20 %
6	1AU	35969.39	2.53	13.71	11.18	0-20 %
8	1AU	52369.04	28.32	31.89	3.57	0-20 %
9	1AUY	338353.22	7.02	7.08	0.06	0-20 %
16	2AU	55932.14	2.39	35.23	32.84	20-40 %
17	1AU	73448.03	48.8	48.8	0	0-20 %
10	1AU	103146.92	0	66	66	60-80 %
11	1AU	18091.83	1.96	1.96	0	0-20 %
12	2AU	71377.51	27.51	31.09	3.58	0-20 %
13	1AU	84467.35	20.39	42.59	22.2	20-40 %
14	1AU	90340.37	32.18	34.32	2.14	0-20 %
18	1AU	161792.37	15.87	45.63	29.76	20-40 %
21	1AUY	374491.52	5.32	6.11	0.79	0-20 %
22	2AU	88443.14	6.87	6.93	0.06	0-20 %
23	2AU	147940.49	0.95	27.43	26.48	20-40 %
27	1AU	21068.09	3.86	4.59	0.73	0-20 %
24	2AU	282604.13	9.35	11	1.65	0-20 %
25	2AU	214370.53	5.08	28.82	23.74	20-40 %
26	2AU	184628.98	23.62	25.95	2.33	0-20 %



prediction

Another Usecase Leak detection



Thanks for your attention

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