

Legacy soil survey data of D.R. Congo

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History soil survey in DRC

Soil survey

- before 1945 (Baeyens)
- 1945 – 1960 (INEAC)
- 1960 – 1993 (companies, UGent)
- after 2000 (PhD, MSc)

Digital mapping (VIIR project)

SOTERCAF (UGent-ISRIC-FAO)

1933 creation NILCO-INEAC

1940-1945 WW II

> 1950 full expansion INEAC

1960 Independance Congo

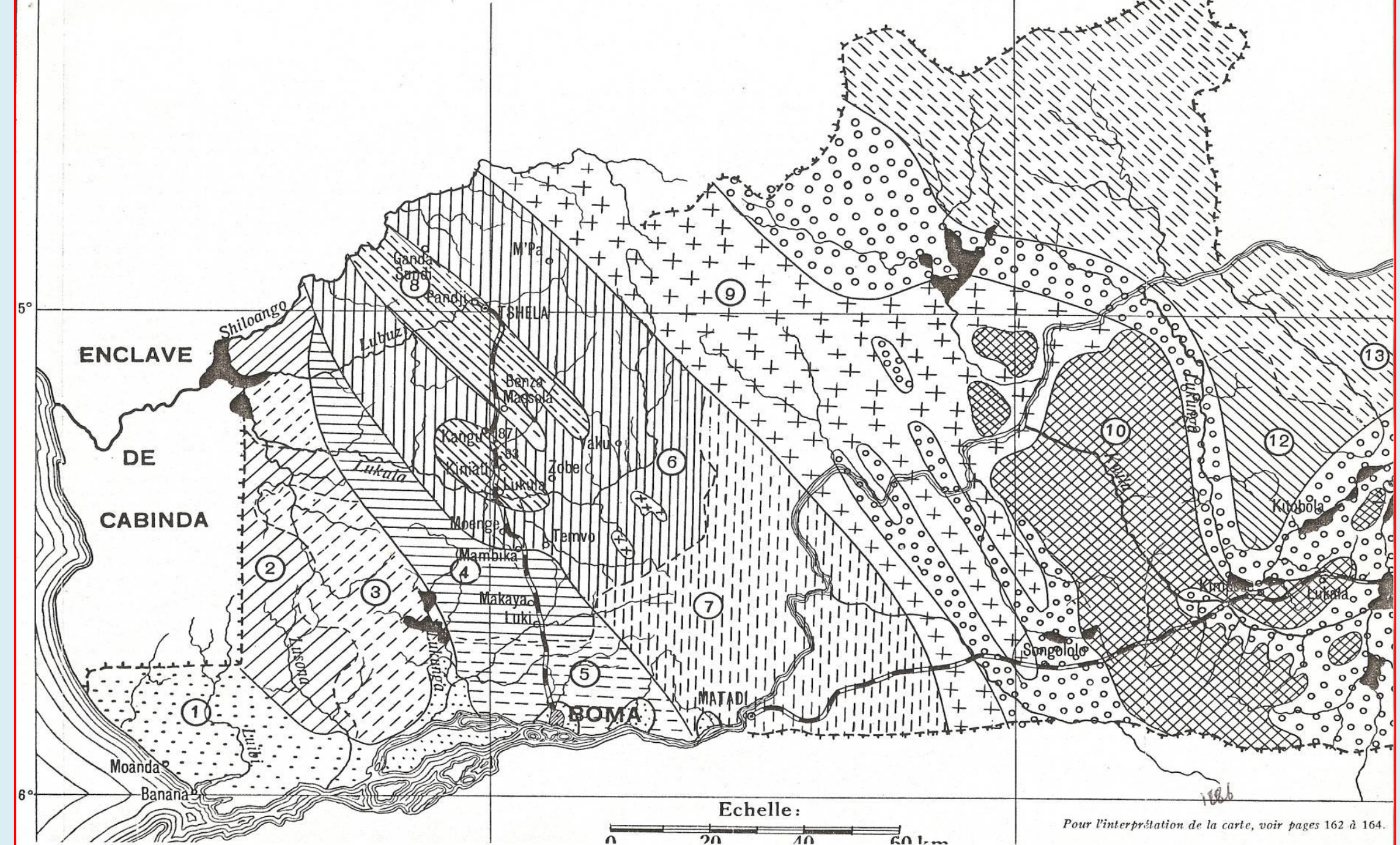
1990 stop international cooperation DRC

1994 Rwanda genocide

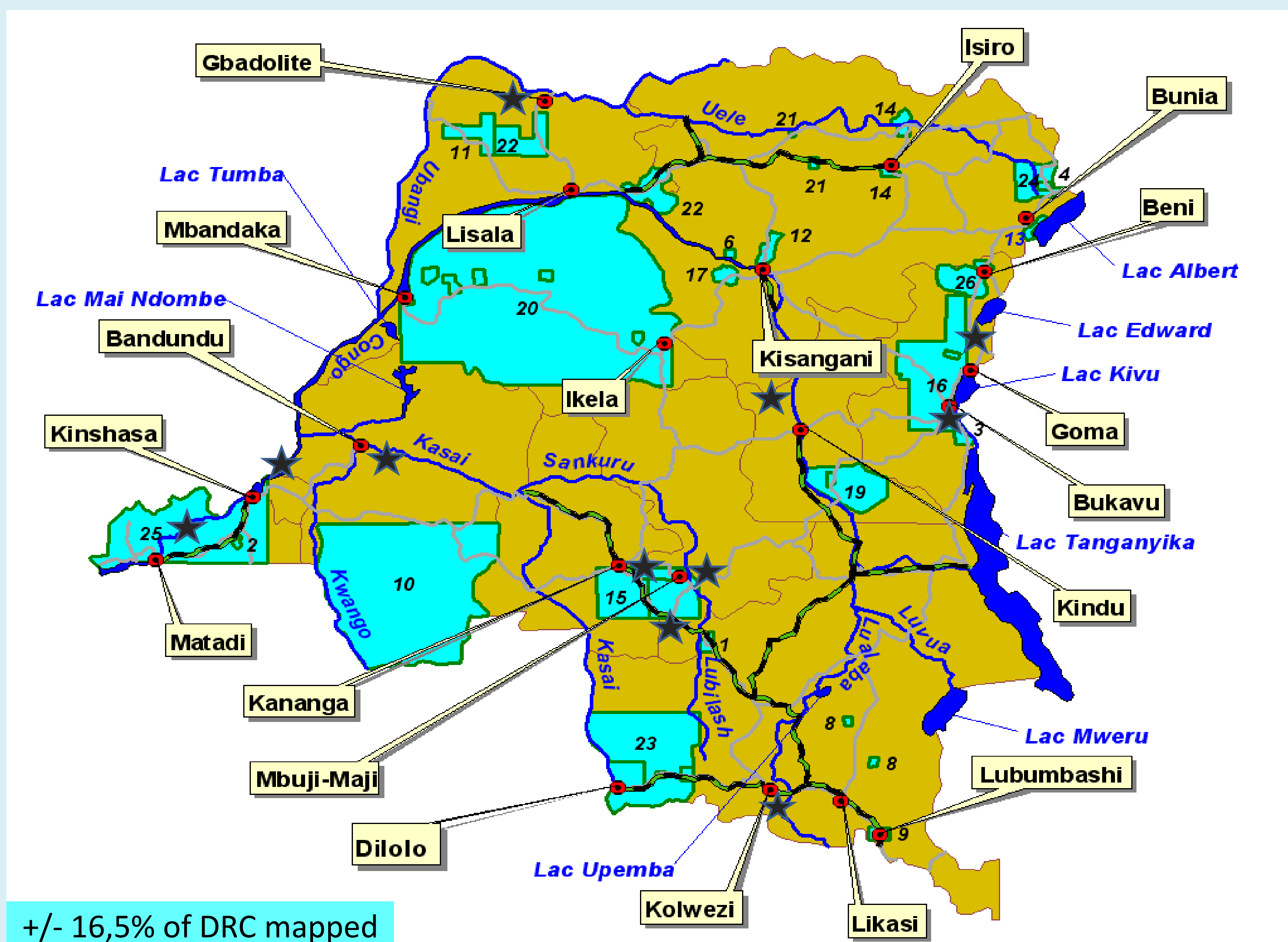
1997 end of Mobutu

2000 restart Belgian Cooperation (VIIR)

General soil map Lower Congo (Baeyens, 1935)



Soil maps at various scales by INEAC (1945-1960), UGent (1960-1993)



Sheet	Region	Province	Scale	Surface (ha)
1	Kanama	Katanga	1:100,000	100,000
2	M'Vuazi	Lower Congo	1:50,000	30,000
3	Vallée de la Ruzizi	South Kivu	1:50,000 1:20,000** 1:10,000**	80,000 25,000 5,000
4	Ituri, région de Nioka	Eastern Province	1:50,000	65,000
6	Yangambi	Eastern Province	1:50,000	34,000
8	Vallée de la Lufira	Katanga	1:50,000	
9	Lubumbashi	Katanga	1:50,000	160,000
10	Kwango	Bandundu	1:1,000,000	2,700,000
11	Ubangi	Equator	1:50,000	350,000
12	Bengamissa	Eastern Province	1:50,000	90,000
13	Région du Lac Albert	Eastern Province	1:100,000	50,000
14	Uele	Eastern Province	1:40,000	150,000
15	Kasai	East and West Kasai	1:200,000 1:50,000	2,000,000 200,000
16	Dorsale du Kivu	South Kivu, North Kivu, Maniema	1:500,000 1:50,000	
17	Yanange-Yatolema	Equator	1:100,000	
19	Maniema	Kivu	1:250,000 1:50,000	1,500,000 45,000
20	Tshuapa	Equator	1:250,000 1:100,000 1:50,000	
21	Uele, Babua	Eastern Province	1:40,000	
22	Ubangi	Equator	1:100,000 1:50,000	1,050,000
23	Zone de la Haute Lulua	Katanga	1:1,000,000 1:200,000 1:50,000	
24	Mahagi	Eastern Province	1:200,000	
25**	Bas Congo et Région de Kinshasa*	Lower Congo and Region of Kinshasa	1:200,000	6,300,000
26	Nord Kivu et Lac Edward	Kivu	1:200,000 1:50,000	70,000 15,000

* : soil maps of projet ' Carte Pédologique du Bas Congo ' (ABOS-UGent), partly based on INEAC soil survey maps

** : soil maps ofProjet 'Etude Hydro-agronomique de plaine de la Ruzizi' (UGent), partly based on INEAC and MAE maps

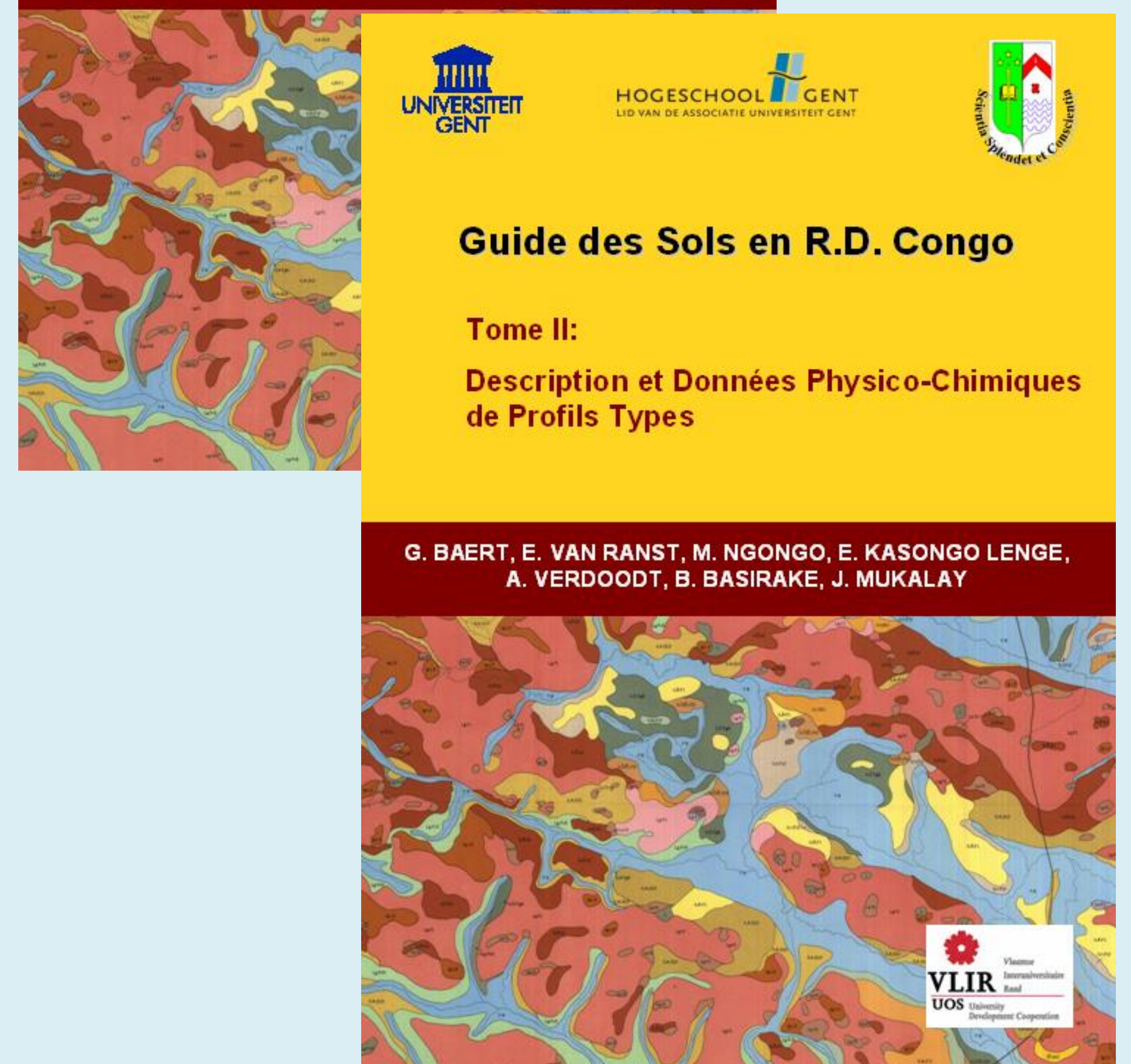
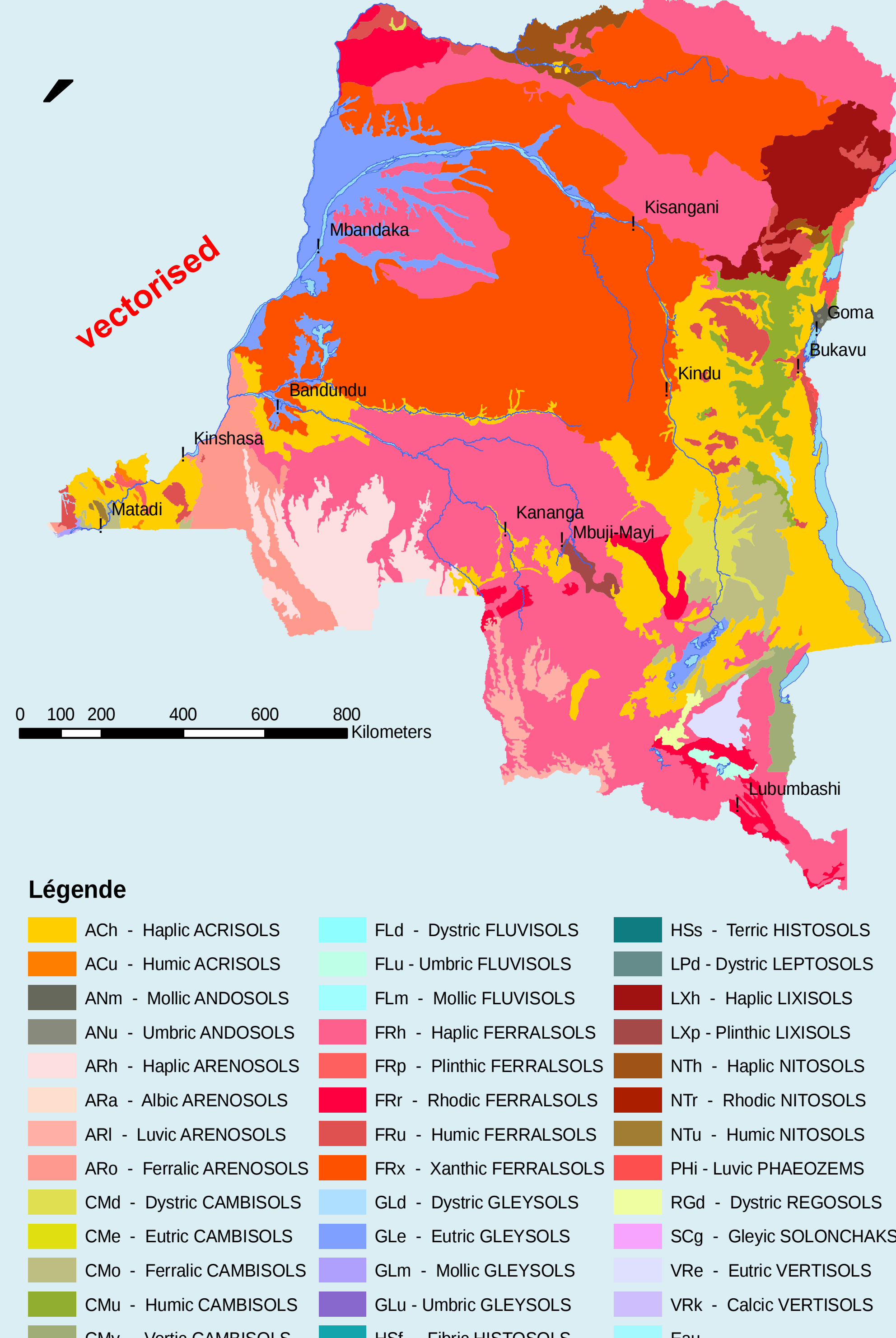
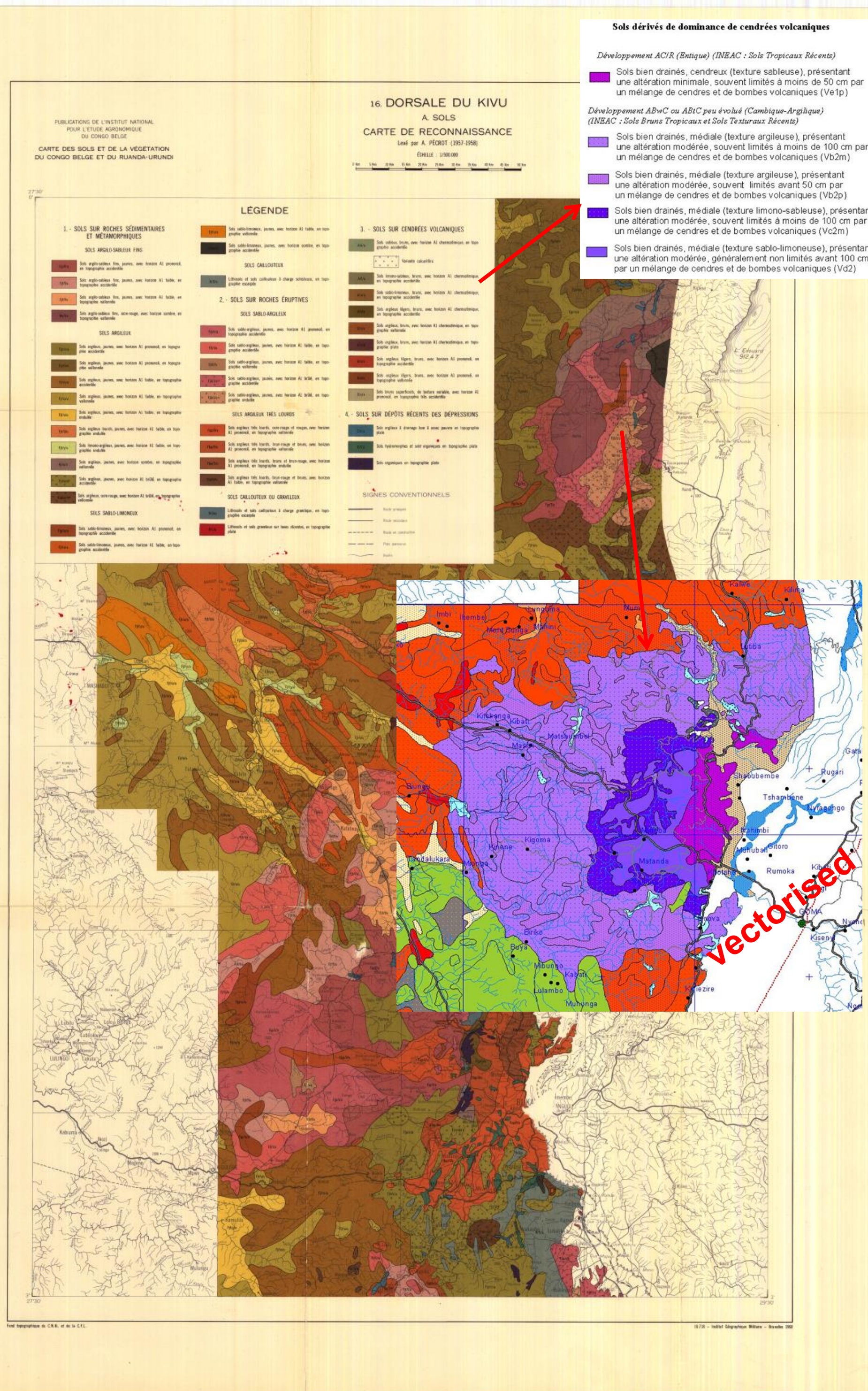
INEAC reseach stations UGent systematic soil surveys

Digital storage (VIIR-project UGent-HOGent-UNILU-UNIKIN)

Soil maps various legends : uniform legend required

SOTERCAF: digital soil map of DRC, Rwanda & Burundi (UGent, ISRIC, FAO)

Soil profile descriptions and physico-chemical analysis compiled in Guide des sols en RD Congo(VIIR project UGent, HOGent, UNILU)



All soils maps can be consulted on
<http://www.labsoilscience.ugent.be/Congo/>

www.isric.org/UK/About+ISRIC/Projects/Track+Record/SOTER-CAF.htm