

Partenaires scientifiques et techniques













Csopra Méthodes de Comptabilisation du stockage de carbone organique des sols sous l'effet des pratiques culturales

07/2014 – 09/2018 AAP REACCTIF

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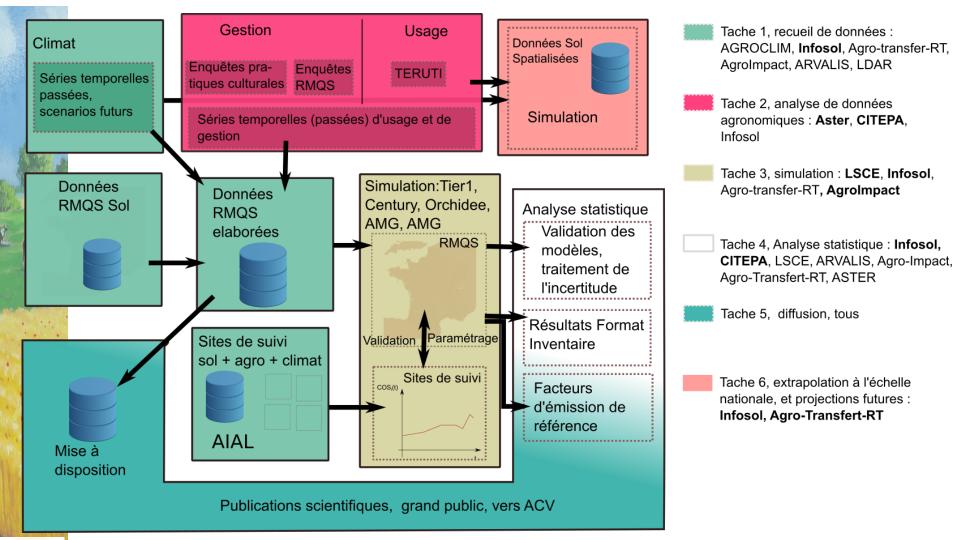








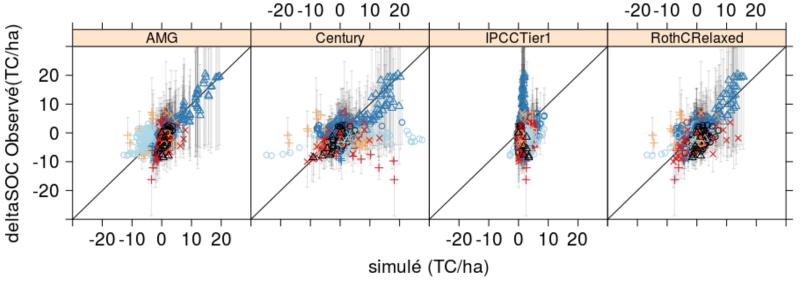
Csopra / structuration & finalités



Csopra / AMG parmi d'autres modèles



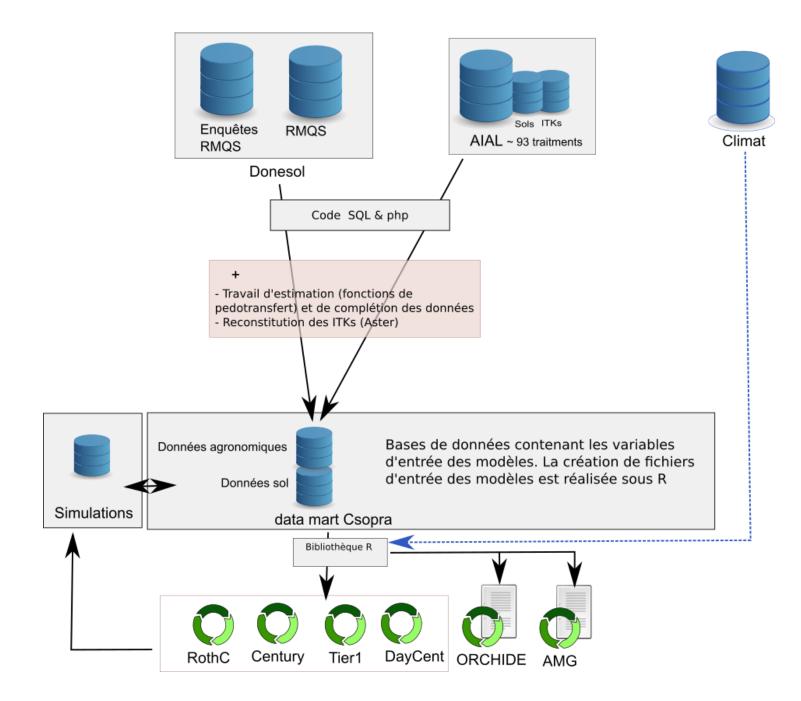




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model	R2	RMSPE	MPE	MedPE	RMedSPE
AMG	0.56	3.27	-0.09	0.00	1.49
$Roth CRelaxed_SAAC ins$	0.54	3.31	-0.67	-0.06	1.71
RothCRelaxed	0.47	3.47	0.14	0.00	1.88
RothC_SAACins	0.32	4.50	-2.26	-1.18	2.05
RothC	0.26	4.69	-2.17	-0.97	2.28
CenturyUnforced	0.26	5.10	-0.38	0.00	2.61
Century	0.11	9.66	-2.49	-0.41	2.75
ORCHIDEE	0.05	7.67	1.73	2.02	3.43
IPCCTier1	0.02	5.03	-1.87	-1.93	2.65

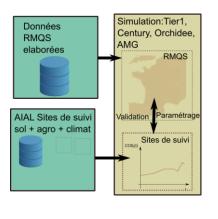


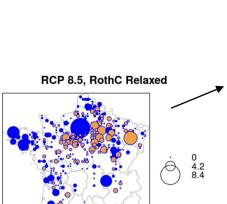




Applications possibles sur la base des simulations AIAL/RMQS (résultats préliminaires)

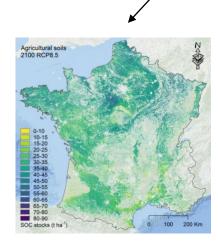






Estimation de facteurs de stockage

	clim_ipcc_type	${\rm deltFiInc}$	model	Fij	ef(sd)
	Chaud tempéré humide	12	CenturyUnforced	1.15	0.07
	Chaud tempéré humide	12	RothCRelaxed	1.09	0.05
	Chaud tempéré humide	23	CenturyUnforced	1.12	0.07
	Chaud tempéré humide	23	RothCRelaxed	1.10	0.07
	Chaud tempéré humide	34	CenturyUnforced	1.09	0.04
	Chaud tempéré humide	34	RothCRelaxed	1.10	0.05
•	Chaud tempéré sec	12	CenturyUnforced	1.17	0.07
	Chaud tempéré sec	12	RothCRelaxed	1.10	0.03
	Chaud tempéré sec	23	CenturyUnforced	1.11	0.07
	Chaud tempéré sec	23	RothCRelaxed	1.07	0.07
	Froid tempéré humide	12	CenturyUnforced	1.12	0.06
	Froid tempéré humide	12	RothCRelaxed	1.07	0.03
	Froid tempéré humide	23	CenturyUnforced	1.10	0.02
	Froid tempéré humide	23	RothCRelaxed	1.16	0.11



Cartographies

