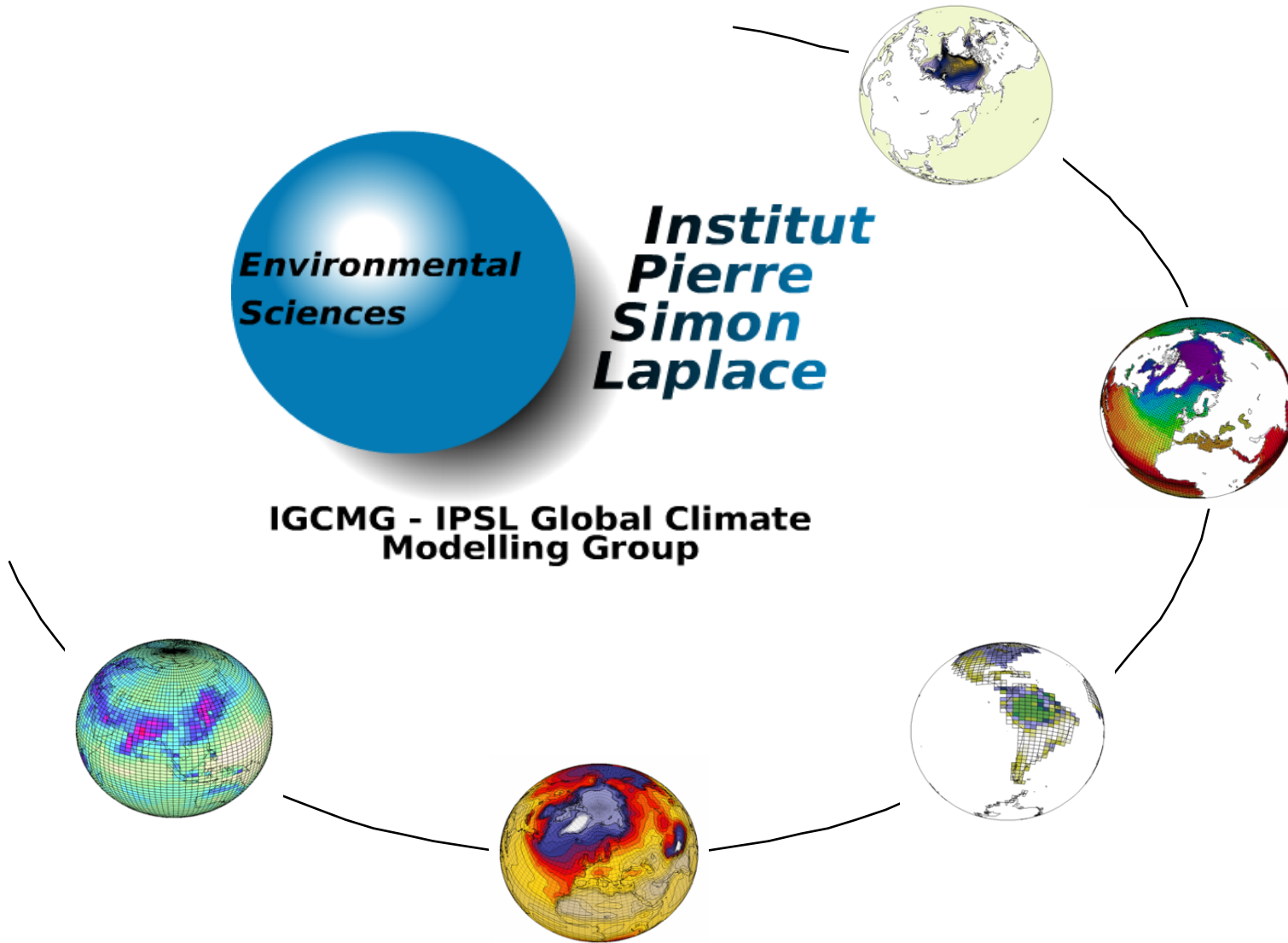




**Institut
Pierre
Simon
Laplace**

**IGCMG - IPSL Global Climate
Modelling Group**



Novembre 2010

http://forge.ipsl.jussieu.fr/igcmg/wiki/IPSLCMIP5/Centennal

Les simulations Centennales CMIP5 de l'IPSL avec le couplé IPSLCM5A

Les expériences CMIP5 sont décrites officiellement là : [⇨ CMIP5 experiment design](#)

Merci d'ajouter là toute simulation CMIP5 centennale avec le couplé IPSLCM5A (toutes composantes activées ou non). La partie Infos pointe vers les wikis de travail à compléter autant que de besoin. Il y a une page wiki par table.

- 17/11/2010 : Figure simplifiée des simulations retenues pour la CMORisation. [en pdf](#) et [en odp](#).
- 15/11/2010 : Figure synthétique des simulations centennales réalisées avec le couplé IPSLCM5A et IPSLCM5A-MR : [en pdf](#) et [en odp](#).

Table 3 : Baseline simulations for model evaluation and for understanding historical and paleoclimates.

Experiment	Short Name	Exp Nb	Tier	Simu Name	Status	Data access	CMOR data	Config files	Infos	Remark
pre-industrial control	piControl	3.1	core	piControl2	Running	⇨ Dods	⇨ CMOR files	picontrol2	More ...	> 700 years
historical	historical	3.2	core	v2.historical1	Ended (2005)	⇨ Dods	⇨ CMOR files		More ...	start year 1850 of piControl2, ozone v2 to be confirmed
historical	historical	3.2 E	tier 1	v2.historical2	Running	⇨ Dods	-		More ...	start year 1860 of piControl2, ozone v2 to be confirmed
historical	historical	3.2 E	tier 1	v2.historical3	Running	⇨ Dods	-		More ...	start year 1870 of piControl2, ozone v2 to be confirmed
historical	historical	3.2 E	tier 1	historical2	Ended (2005)	⇨ Dods	TSC OK Wait CMOR2.5	historical2	More ...	start year 1850 of piControl2
historical	historical	3.2 E	tier 1	historical3	Stand by (1950)	⇨ Dods	-	historical3	More ...	start year 1860 of piControl2
historical	historical	3.2 E	tier 1	historical4	Ended (2005)	⇨ Dods	TSC OK Wait CMOR2.5	historical4	More ...	start year 1870 of piControl2
historical	historical	3.2 E	tier 1	historical5	Stand by (1900)	⇨ Dods	-		More ...	start year 1880 of piControl2
AMIP	amip	3.3	core	amip1	Stand by (1995)	⇨ Dods	-		⇨ More ...	
AMIP	amip	3.3 E	tier 1	amip2	Stand by (1995)	⇨ Dods	-		⇨ More ...	
AMIP	amip	3.3 E	tier 1	amip3	Stand by (1995)	⇨ Dods	-		⇨ More ...	

<http://forge.ipsl.jussieu.fr/igcmg/wiki/IPSLCMIP5/Centennal/Table3#a31:piControl>

Table 3 : Baseline simulations for model evaluation and for understanding historical and paleoclimates.

3,1 : piControl

piControl2 :

- p86caub : Voir [⇒ MONITORING piControl2](#)
- Réalisée avec :
 - 1800 à 1850 : IPSLCM5A figé le 16 juillet 2010 (rev 1417 pour LMDZ)
 - Après 1850 : IPSLCM5A figé le 26 juillet 2010 (rev 1420 pour LMDZ) (Vérification résultats identiques)
 - post traitements sur cesium
 - Aga dans histmth
 - version COSP v1.3 dans LMDZ
 - correction prise en compte raz_date
- Fréquence Outputs COSP :
 - monthly de 1800 à (2005?) 2020 puis COSP désactivé
 - monthly + daily : années 1 à 50 (1850 à 1900) et 121 à 170 (1970 à 2020)
- En machine sur 8 CPUs depuis le 19 juillet 2010. Démarre en 1800-01-01 à partir de piControl1 à la date de 2049-12-31.
 - Repassé sur 4 CPUs lors de l'activation de COSP daily (1970)
- Fréquence Outputs :
 - lev_histmth=2 de 1800 à 2359 puis lev_histmth=5 à partir de 2360.

Revision log



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root / **CMIP5** / **piControl** / **piControl2**

Added
 Modified
 Copied or renamed

Revision Log Mode:

Stop on copy
 Follow copies
 Show only adds and deletes

View log starting at and back to

Show at most revisions per page.

Show full log messages

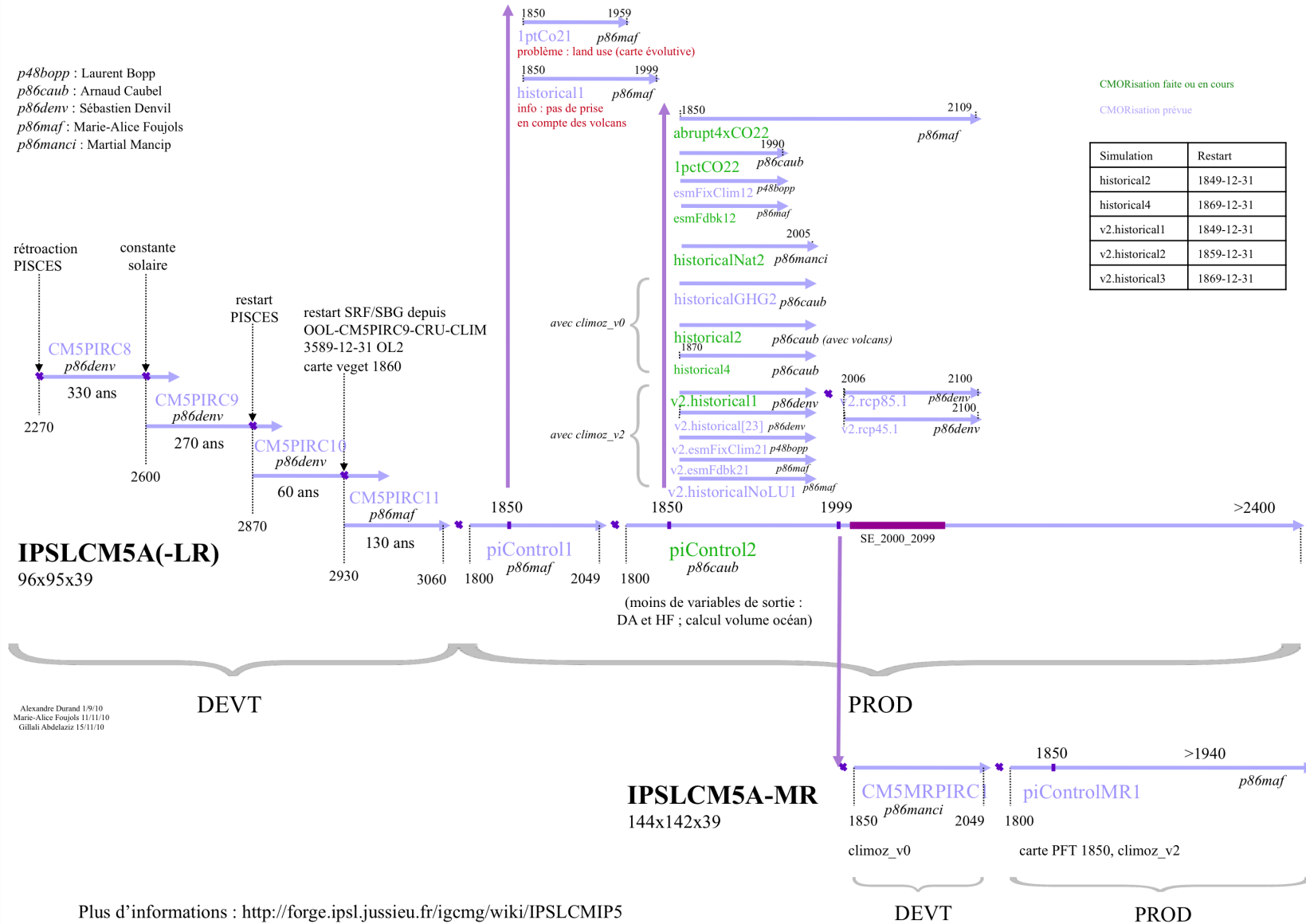
		Rev	Chgset	Date	Author	Log Message
<input type="radio"/>	<input checked="" type="radio"/>	@1147	[1147]	8 weeks	aclsce	Modified lmdz.card, pisces.card, opa9.card, lim2.card in order to have TS ...
<input type="radio"/>	<input type="radio"/>	@1117	[1117]	4 months	aclsce	Modifications for sechiba and stomate monitorings both in ...
<input type="radio"/>	<input type="radio"/>	@1108	[1108]	4 months	aclsce	piControl2 CMIP5 IPSL simulation registration : - version COSP v1.3 - ...
<input type="radio"/>	<input type="radio"/>	@1107	[1107]	4 months	aclsce	Registration of piControl2 IPSL CMIP5 simulation
copied from CONFIG/IPSLCM/IPSLCM5A/piControl :						
<input checked="" type="radio"/>	<input type="radio"/>	@1086	[1086]	4 months	mafoipsl	Simplification of orchidee monitoring. 2 variables added in TS for ...

Simulations centennales CMIP5 de l'IPSL

p48bopp : Laurent Bopp
p86caub : Arnaud Caubel
p86denv : Sébastien Denvil
p86maf : Marie-Alice Foujols
p86manci : Martial Mancip

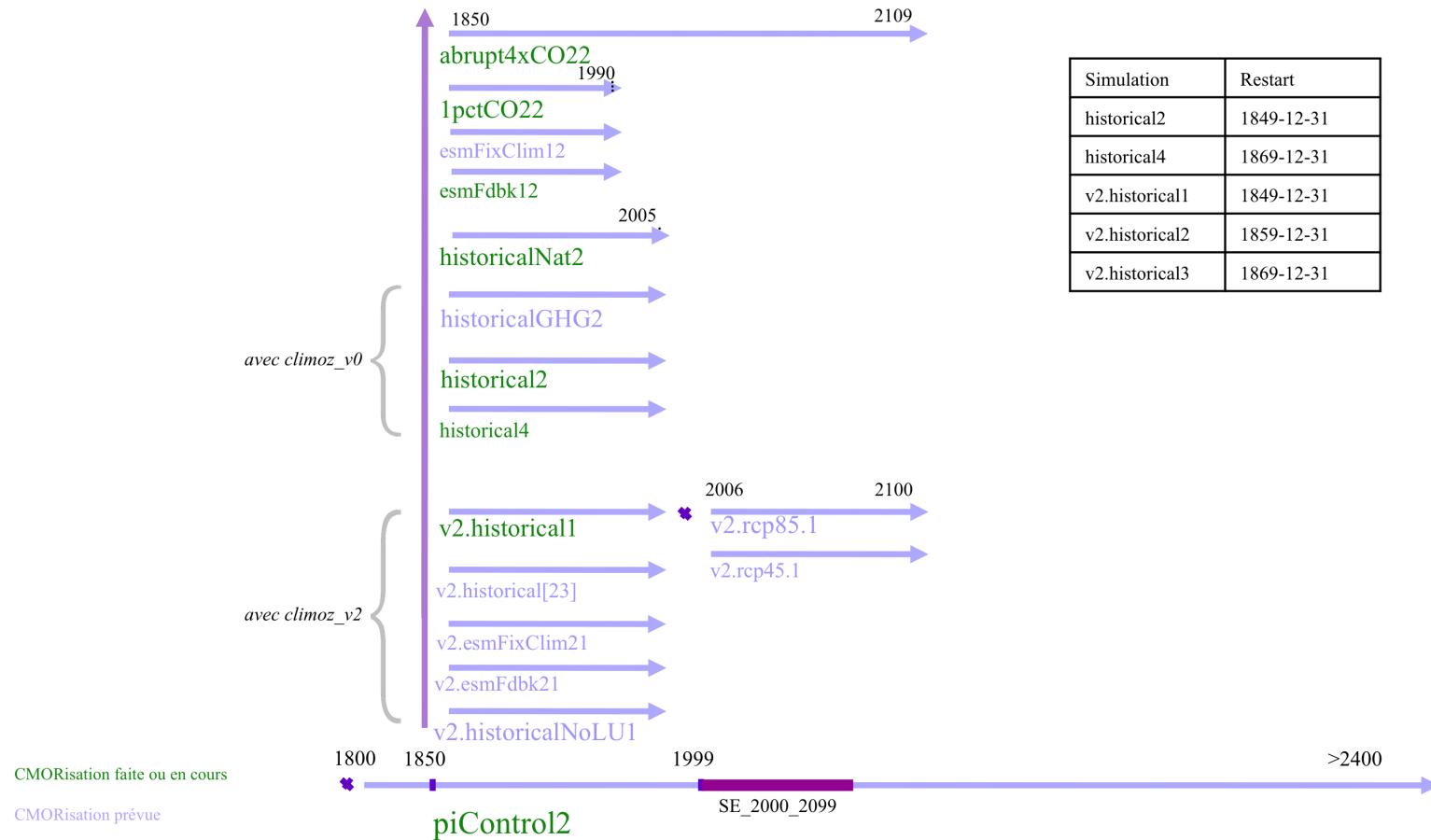
CMORisation faite ou en cours
 CMORisation prévue

Simulation	Restart
historical2	1849-12-31
historical4	1869-12-31
v2.historical1	1849-12-31
v2.historical2	1859-12-31
v2.historical3	1869-12-31



Plus d'informations : <http://forge.ipsl.jussieu.fr/igcmg/wiki/IPSLCMIP5>

Simulations centennales CMIP5 de l'IPSL avec IPSLCM5A(-LR) (vues de CMOR)

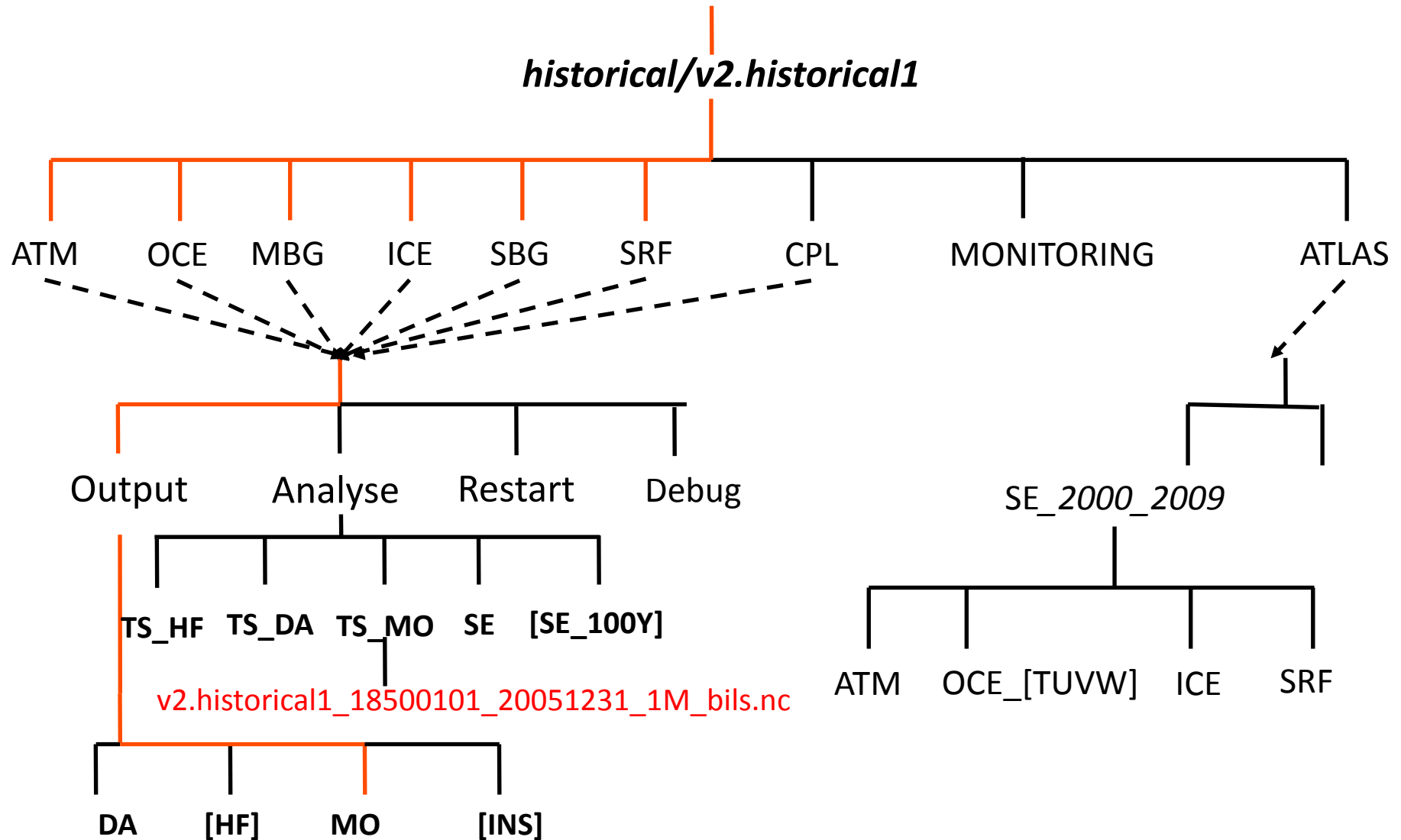


Plus d'informations : <http://forge.ipsl.jussieu.fr/igcmg/wiki/IPSLCMIP5/Centennial>

Arborescence IPSL sur mercure/dods

mercure : /dmnfs*/cont003/p86denv/IGCM_OUT/IPSLCM5A/PROD

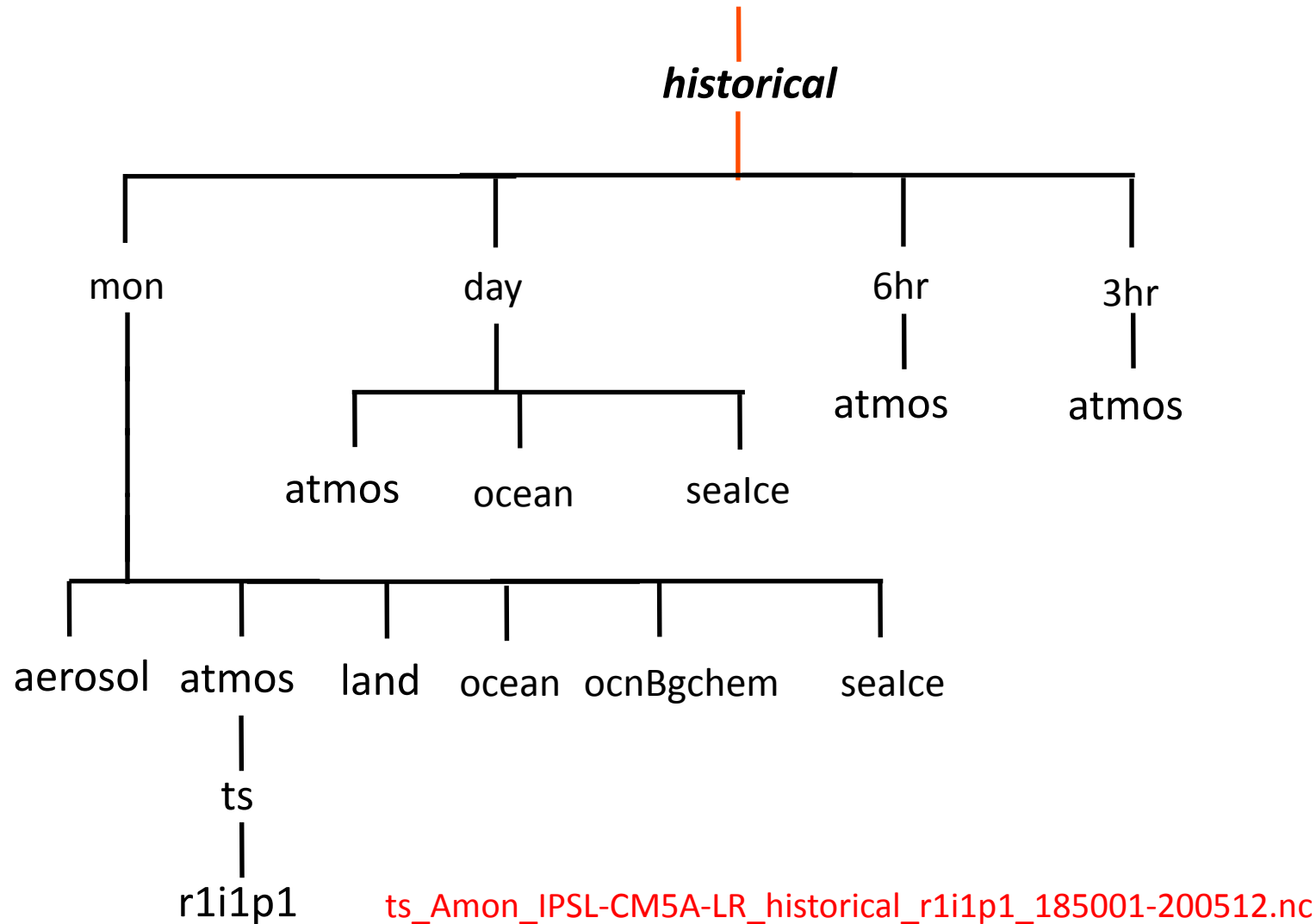
<http://dods.extra.cea.fr/cgi-bin/nph-dods/data/p86denv/IPSLCM5A/PROD>



Arborescence CMOR sur ciclad/dods

ciclad : /prodigfs/CMIP5/output/IPSL/IPSL-CM5A-LR

<http://dods.ipsl.jussieu.fr/mc2ipsl/CMIP5/output/IPSL/IPSL-CM5A-LR>



v2.historical1 monitoring

at 2010-10-30 20:10:25

[Cards Analysis](#) [Monitoring Board](#) [About](#)

ALL

Filter : *

Images : 067 / 067

ATM

CHM

ICE

MBG

OCE

SBG

SRF

XOR

CLR

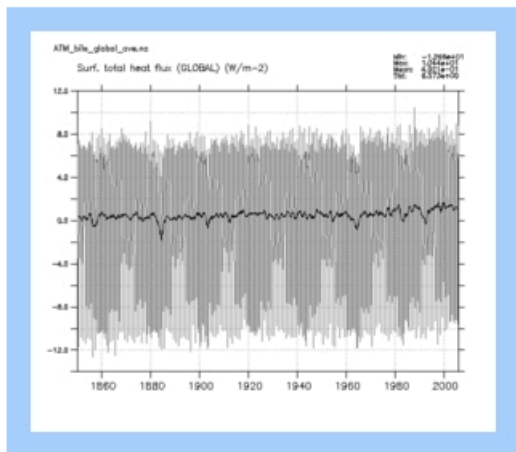
land

ocean

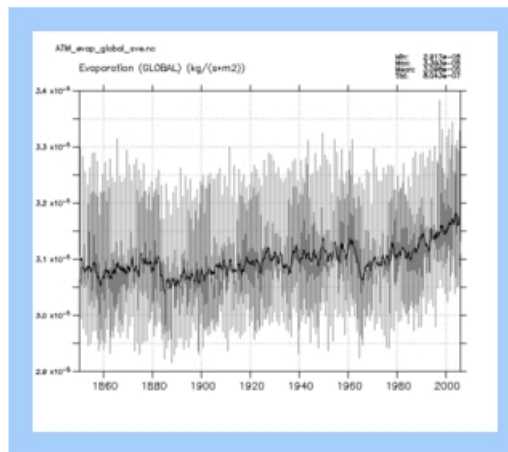
north

south

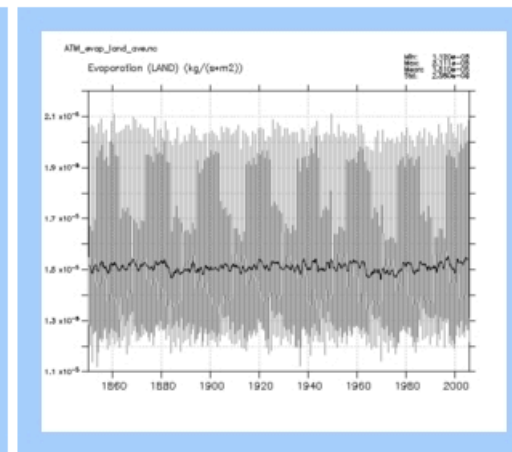
global



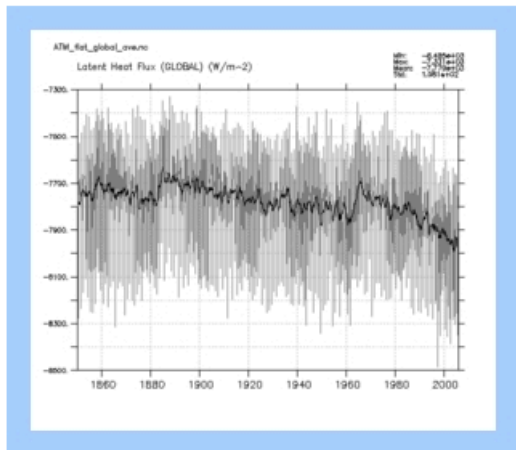
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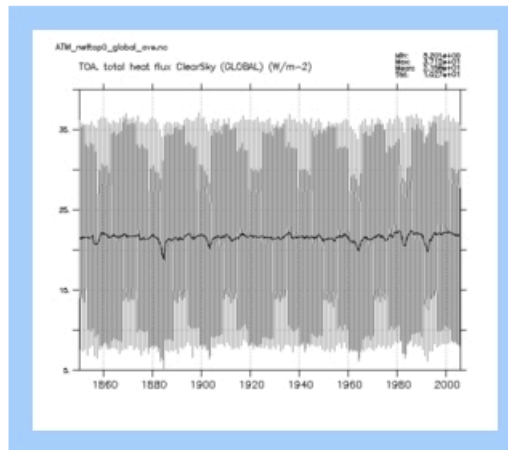
[ATM_evap_global](#)



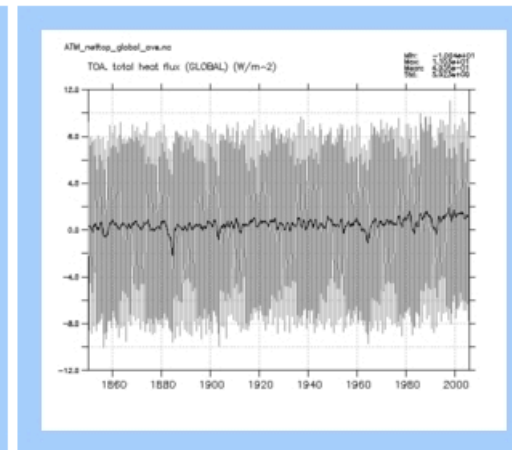
[ATM_evap_land](#)



[ATM_flat_global](#)



[ATM_nettop0_global](#)








[ATM_nettop_global](#)

<http://webservices.ipsl.jussieu.fr/>

Welcome to the IGCMG Web Services portal



Services

-  [Trusting Web Service](#)
-  [Machine Load Status](#)
-  [Inter Monitoring Web Service](#)
-  [Meta Atlas Web Service](#)
-  [Metrics Web Service](#)

<http://webservices.ipsl.jussieu.fr/monitoring/>

Inter Monitoring Web Service


Monitor your different simulations run with the libGCM environment production.

Step 1

Step 2

Step 3

Step 4

Enter URL to find simulation output directories 

List directories

Append directories

Recall of your choices

<http://dods.extra.cea.fr/cgi-bin/nph-dods/data/p86caub/IPSLCM5A/PROD/1pctCO2/1pctCO22>, <http://dods.extra.cea.fr/cgi-bin/nph-dods/data/p86caub/IPSLCM5A/TEST/1pctCO2/1pctCO2T4>

OCE_sossheig_global_ave.nc

plot01

Smoothing box value :

Dates default

Dates range: 1800 - 2100



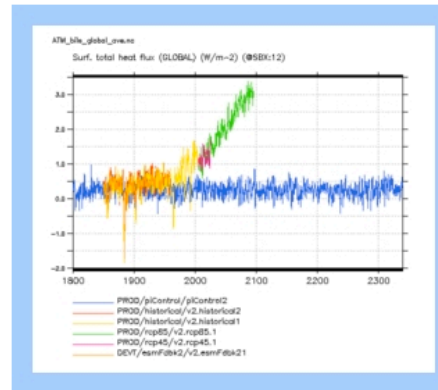
http://webservices.ipsl.jussieu.fr/monitoring/tmp/fegg_plot01_wHiyP3_prod/

Monitoring comparison: piControl2 vs v2.historical2 vs v2.historical1 vs v2.rcp85.1 vs v2.rcp45.1 vs v2.esmFdbk21

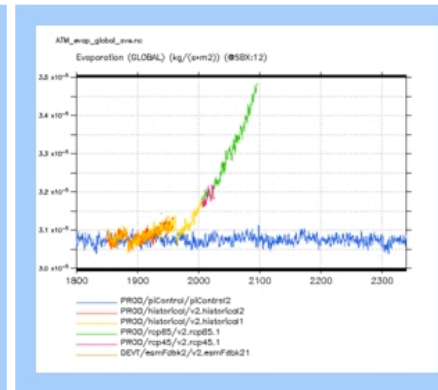
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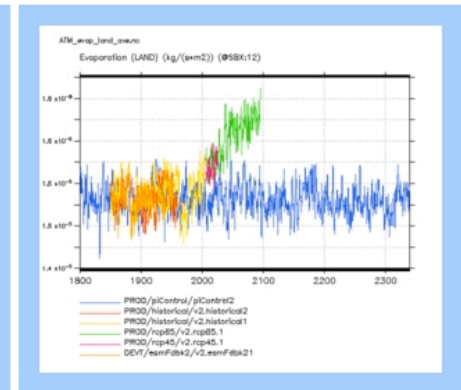
ATM	CHM	ICE	MBG	OCE	SBG	SRF	XOR	CLR
land	ocean	north	south	global				



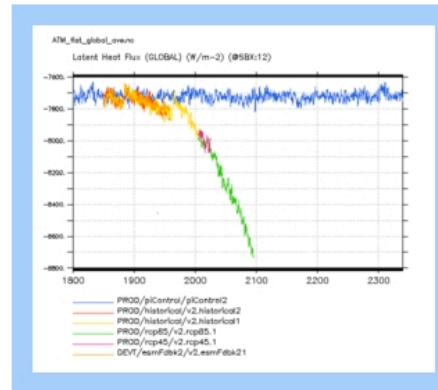
[ATM_bils_global_ave](#)



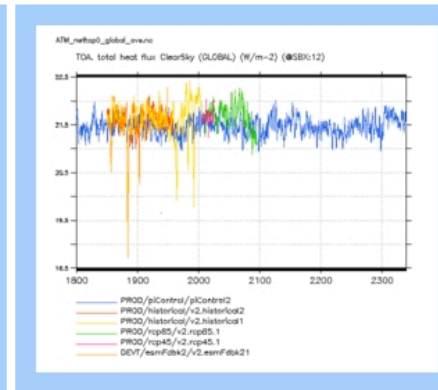
[ATM_evap_global_ave](#)



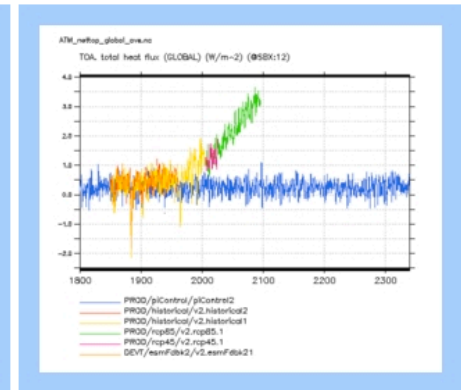
[ATM_evap_land_ave](#)



[ATM_flat_global_ave](#)



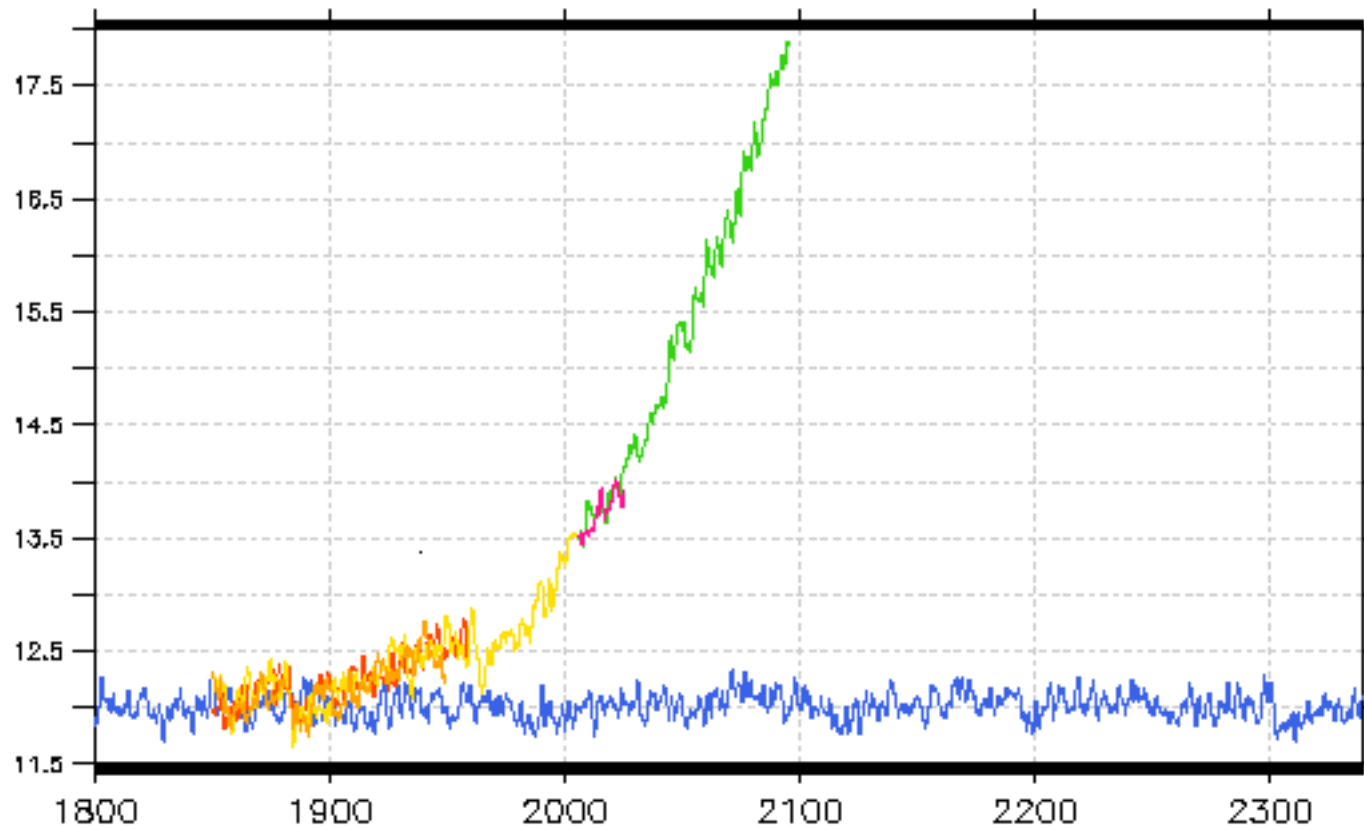
[ATM_nettop0_global_ave](#)



[ATM_nettop_global_ave](#)

ATM_t2m_global_ave.nc

Temperature at 2 meters (GLOBAL) (degrees C) (@SBX:12)



- PROD/piControl/piControl2
- PROD/historical/v2.historical2
- PROD/historical/v2.historical1
- PROD/rcp85/v2.rcp85.1
- PROD/rcp45/v2.rcp45.1
- DEVT/esmFdbk2/v2.esmFdbk21

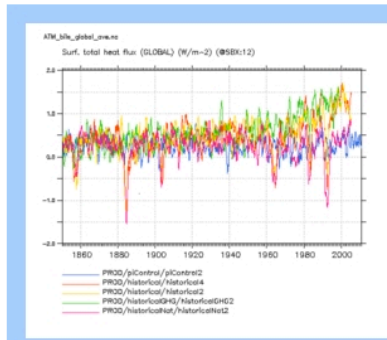
http://webservices.ipsl.jussieu.fr/monitoring/tmp/fegg_plot01_eShP13_prod/

Monitoring comparison: piControl2 vs historical4 vs historical2 vs historicalGHG2 vs historicalNat2

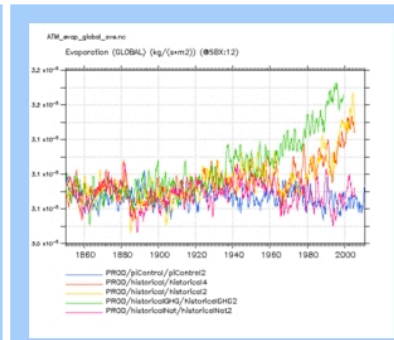
at 2010-11-17 18:03:32

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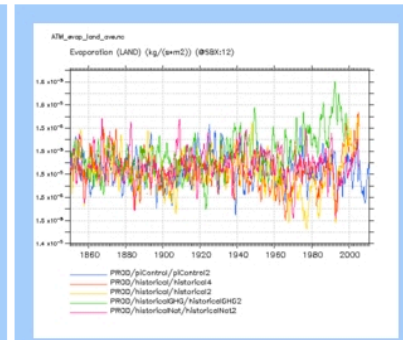
ATM	CHM	ICE	MBG	OCE	SBG	SRF	XOR	CLR
land	ocean	north	south	global				



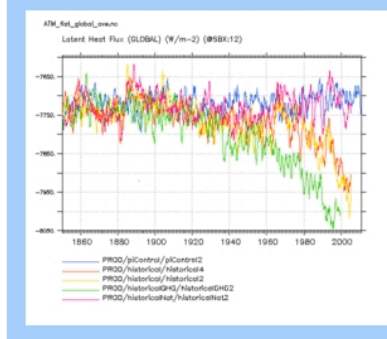
[ATM_bils_global_ave](#)



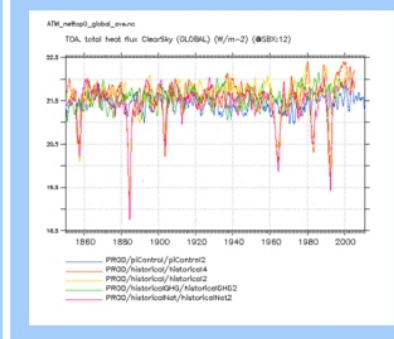
[ATM_evap_global_ave](#)



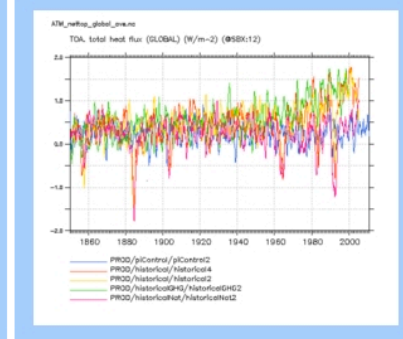
[ATM_evap_land_ave](#)



[ATM_flat_global_ave](#)



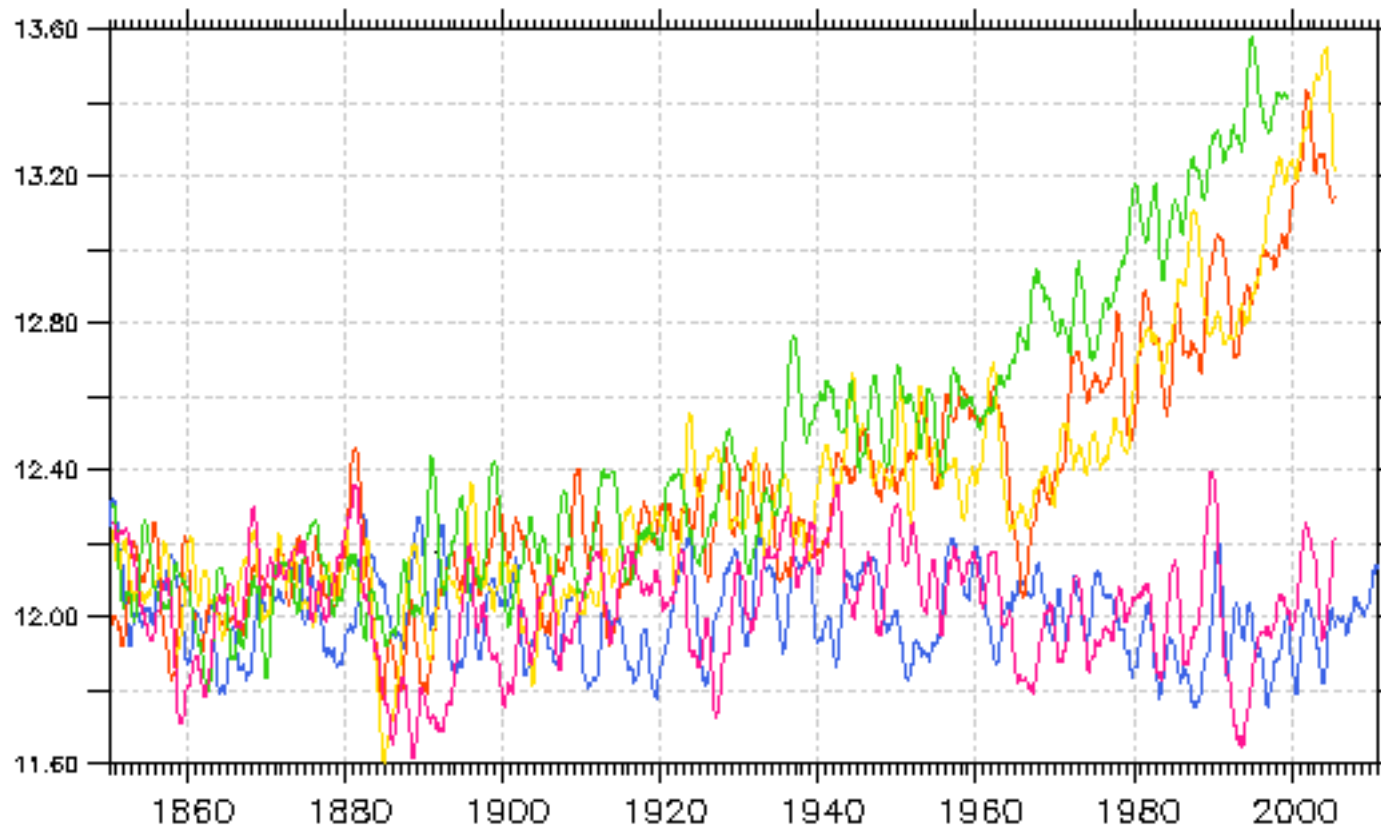
[ATM_nettop0_global_ave](#)



[ATM_nettop_global_ave](#)

ATM_t2m_global_ave.nc

Temperature at 2 meters (GLOBAL) (degrees C) (@SBX:12)



- PROD/piControl/piControl2
- PROD/historical/historical4
- PROD/historical/historical2
- PROD/historicalGHG/historicalGHG2
- PROD/historicalNat/historicalNat2

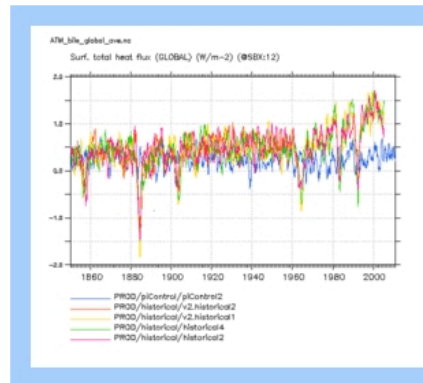
http://webservices.ipsl.jussieu.fr/monitoring/tmp/fegg_plot01_z5ZbvA_prod/

Monitoring comparison: piControl2 vs v2.historical2 vs v2.historical1 vs historical4 vs historical2

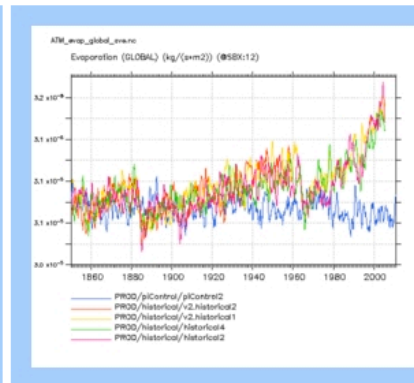
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ALL Filter : .* Images : 064 / 064

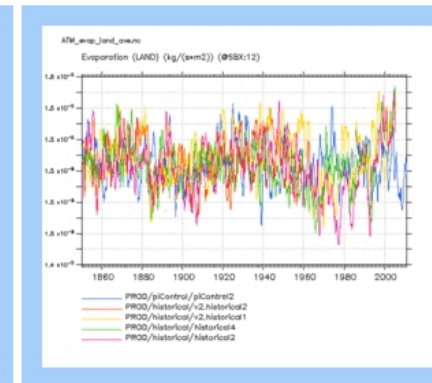
ATM	CHM	ICE	MBG	OCE	SBG	SRF	XOR	CLR
land	ocean	north	south	global				



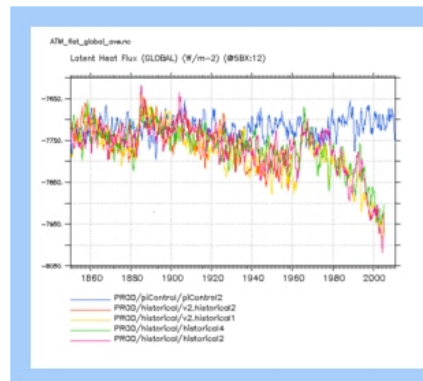
[ATM_bils_global_ave](#)



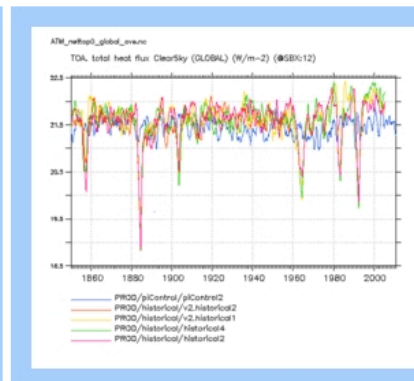
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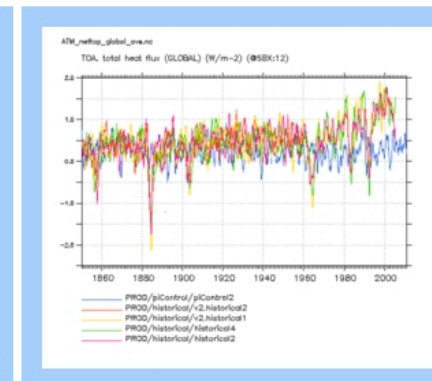
[ATM_evap_land_ave](#)



[ATM_flat_global_ave](#)



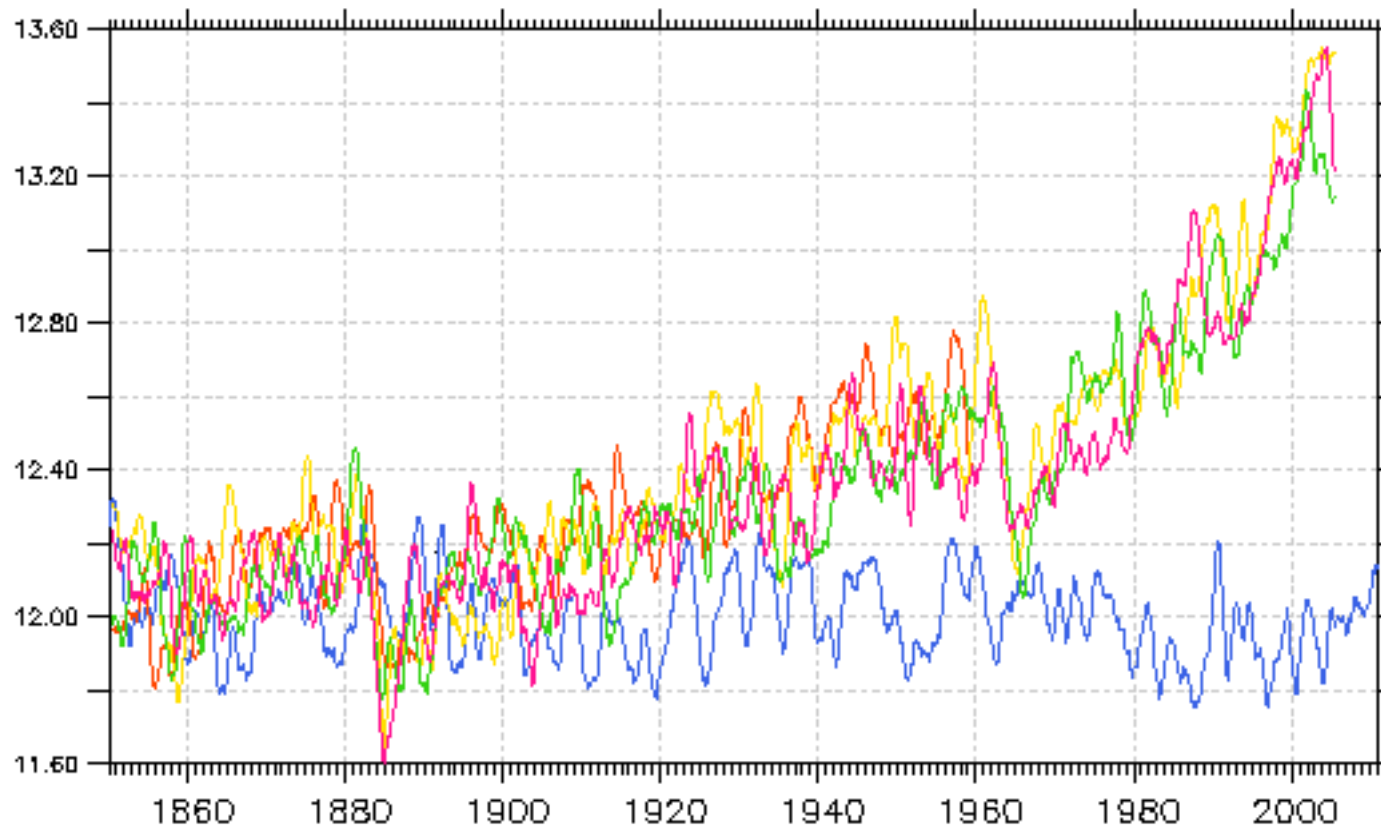
[ATM_nettp0_global_ave](#)



[ATM_nettp_global_ave](#)

ATM_t2m_global_ave.nc

Temperature at 2 meters (GLOBAL) (degrees C) (@SBX:12)



- PROD/piControl/piControl2
- PROD/historical/v2.historical2
- PROD/historical/v2.historical1
- PROD/historical/historical4
- PROD/historical/historical2