Wikiprint Book

Title: 1. IPSLCM

Subject: lgcmg_doc - Doc/Config/Allconfig

Version: 11

Date: 06/29/24 05:24:54

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The configurations

1. IPSLCM

IPSLCM5A2.1

```
IPSLCM5A2.1 coupled configuration
2nd frozen IPSLCM5A2 version
this model reproduce IPSLCM5A-LR version, with reduced computing times
```

IPSLCM5A2CHT.1

```
IPSLCM5A2CHT.1 coupled configuration  with chemistry non methanic, aerosols and stratospheric
(closest version to IPSLCM5A2.1)
```

- IPSLCM6.0.0-LR

```
IPSLCM6.0.0-LR coupled configuration
0ed frozen IPSLCM6-LR version
```

- IPSLCM6.0.1-LR

```
IPSLCM6.0.1-LR coupled configuration
1st frozen IPSLCM6-LR version
```

- IPSLCM6.0.2-LR

```
IPSLCM6.0.2-LR coupled configuration
2nd frozen IPSLCM6-LR version
```

- IPSLCM6.0.3-LR

```
IPSLCM6.0.3-LR coupled configuration
3rd frozen IPSLCM6-LR version
```

- IPSLCM6.0.4-LR

```
IPSLCM6.0.4-LR coupled configuration
4th frozen IPSLCM6-LR version
```

■IPSLCM6.0.5-LR

```
IPSLCM6.0.5-LR coupled configuration
5th frozen IPSLCM6-LR version
```

■IPSLCM6.0.6-LR

```
IPSLCM6.0.6-LR coupled configuration
6th frozen IPSLCM6-LR version
```

■IPSLCM6.0.7-LR

```
IPSLCM6.0.7-LR coupled configuration
7th frozen IPSLCM6-LR version
```

■IPSLCM6.0.8-LR

```
IPSLCM6.0.8-LR coupled configuration
8th frozen IPSLCM6-LR version
```

■IPSLCM6.0.9-LR

```
IPSLCM6.0.9-LR coupled configuration
9th frozen IPSLCM6-LR version
```

■IPSLCM6.0.10-LR

```
IPSLCM6.0.10-LR coupled configuration
10th frozen IPSLCM6-LR version
```

■IPSLCM6.0.11-LR

```
IPSLCM6.0.11-LR coupled configuration
11th frozen IPSLCM6-LR version
```

■IPSLCM6.0.12-LR

```
IPSLCM6.0.12-LR coupled configuration
12th frozen IPSLCM6-LR version
```

■IPSLCM6.0.13-LR

```
IPSLCM6.0.13-LR coupled configuration
13th frozen IPSLCM6-LR version
```

■IPSLCM6.0.13-LR_CMIP6

```
IPSLCM6.0.13-LR_CMIP6 coupled configuration
13th frozen IPSLCM6-LR version
```

■IPSLCM6.0.14-LR

```
IPSLCM6.0.14-LR coupled configuration
14th frozen IPSLCM6-LR version
```

■IPSLCM6.0.15-LR

```
IPSLCM6.0.15-LR coupled configuration
15th frozen IPSLCM6-LR version
```

■IPSLCM6.0.15-LR_CMIP6

```
IPSLCM6.0.15-LR_CMIP6 coupled configuration
15th frozen IPSLCM6-LR version
```

■IPSLCM6.1.0-LR

```
IPSLCM6.1.0-LR coupled configuration
1st IPSLCM6.1-LR version
```

■IPSLCM6.1.1-LR

```
IPSLCM6.1.1-LR coupled configuration
2nd IPSLCM6.1-LR version
```

■IPSLCM6.1.2-LR

```
IPSLCM6.1.2-LR coupled configuration
3rd IPSLCM6.1-LR version
```

■IPSLCM6.1.3-LR

```
IPSLCM6.1.2-LR coupled configuration
4th IPSLCM6.1-LR version
```

- IPSLCM6.1.4-LR
- IPSLCM6.1.5-LR
- IPSLCM6.1.6-LR
- IPSLCM6.1.7-LR
- IPSLCM6.1.8-LR
- IPSLCM6.1.9-LR
- IPSLCM6.1.10-LR
- IPSLCM6.1.11-LR
- IPSLCM6.1.11-LR-AER
- IPSLCM6.2_work
- IPSLCM6.2.1
- IPSLCM6.2.1
- IPSLCM5A
- IPSLCM5B

2. **LMDZOR**

- LMDZOR_v6.1.x
    - where x is [2, 5, 8, 9, 10, 11]
    - all these configurations corresponds to the coupled IPSLCM6.1.x configuration. The revision number for the components are exactly the same as in IPSLCM6.1.x.
    - if you need to run a coupled IPSLCM6.1.x exeriment in forced LMDZOR mode, the LMDZOR_v6.1.x configuration will give the same results as if you use IPSLCM6.1.x in forced mode.
- LMDZOR_v6.2_work

```
 LMDZ and ORCHIDEE working configuration
Configuration close to LMDZOR_v6.1 with updated versions of components: LMDZ, ORCHIDEE, XIOS
All components can change revision following IPSLCM6.2_work configuration.
```

- LMDZOR_v6.3_work

```
 LMDZ and ORCHIDEE working configuration
Configuration corresponding to the coupled model IPSLCM6.2 and LMDZOR_v6.2 but using ORCHIDEE_3(containing nitrogen cycl
The revision of ORCHIDEE_3 can change in this working configuration. The other components can change following IPSLCM6.2
```

- LMDZOR_v6.4_work

```
 LMDZ and ORCHIDEE working configuration
Configuration corresponding to the coupled model IPSLCM6.2 and LMDZOR_v6.2 but using the trunk of ORCHIDEE
This configuration is compatible with the trunk/ORCHIDEE from revision 6614 when CAN features were included
All components can change revision following IPSLCM6.2_work configuration.
```

- LMDZORSTRATAER_v6

```
LMDZ with interactive stratospheric aerosol and ORCHIDEE
Configuration in developement and test phase
```

```
Configuration files corresponds to IPSLCM6.0.7 but the source code for LMDZ correspond to IPSLCM6.0.8
```

3. LMDZ

- LMDZ5A2.1_ISO

```
LMDZ with isotopes (closest version to IPSLCM5A2.1)
```

4. LMDZORINCA

- LMDZORINCA_v6

```
LMDZ, ORCHIDEE and INCA working version
LMDZORINCA_v6  Old Configuration using trunk INCA5
```

- LMDZORINCA_v6.1.10

```
LMDZ, ORCHIDEE and INCA working version
configuration corresponding to LMDZORINCA_v6 but using trunk INCA6
Configuration corresponding to IPSLCM6.1.10
```

- LMDZORINCA_v6.1.11

```
LMDZ, ORCHIDEE and INCA working version
configuration corresponding to IPSLCM6.1.11
use tags INCA6_CMIP
```

- LMDZORINCA_v6.2_work

```
LMDZ - ORCHIDEE - INCA working configuration
Configuration close to IPSLESM_v6.2
use trunk INCA
```

5. LMDZORINCAREPROBUS

- LMDZORINCAREPR_v6

```
Coupled model between strato and tropo tracers, using both models INCA and REPROBUS.
All sources are saved on inca forge website.
```

6. LMDZREPROBUS

- LMDZREPR_v6

```
LMDZ and REBROBUS working configuration
```

7. ORCHIDEE offline

- ORCHIDEE_trunk

```
 ORCHIDEE offline configuration
This is a working configuration using the latest revision of ORCHIDEE trunk
```

- ORCHIDEE_3_head

```
ORCHIDEE offline configuration
This is a working configuration using the latest revision of ORCHIDEE_3 containing the nitrogen cycle
```

- ORCHIDEE_2_2

```
ORCHIDEE offline configuration using the branch ORCHIDEE_2_2
The latest revision of the branch is extracted (HEAD)
This version is derived from ORCHIDEE_2_1 but contains some more bug corrections and some added developpements as option
```

- ORCHIDEE_2_1

```
ORCHIDEE offline configuration using the tag ORCHIDEE_2_1
The latest revision of the tag is extracted (HEAD)
This version is close to the version used for CMIP6 but contains some bug corrections and enhancements
```

- ORCHIDEE_2_0

```
ORCHIDEE offline configuration using the tag ORCHIDEE_2_0
The latest revision of the tag is extracted (HEAD)
This version is used for CMIP6 and included in IPSLCM6.1-LR coupled configuration
```

- ORCHIDEE_AR5

```
ORCHIDEE offline configuration the version used for AR5 simulations (CMIP5)
Configuration only containing source code for ORCHIDEE and IOIPSL.
```

8. NEMO offline

- NEMO_v6.1
- NEMO_v6.5

9. Configurations with DYNAMICO

- ICOLMDZOR_v7_work

```
 Working version of DYNAMICO-LMDZ-ORCHIDEE configuration
This is a configuration under work.
All components can change revision following IPSLCM6.2_work configuration.
```