

ISENES-2 MD Generation From Experiments 2014

The ES-DOC Project



Earth System Documentation



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Funders

IPSL (EU)

NOAA (US)

EX-ARCH (G8)

ISENES-2 (EU)



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Mission

Nurture a standards based ecosystem in support of earth system documentation creation, analysis & dissemination.



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Sub-Domains

2013

Earth System Models
Statistical Downscaling

2014

Obs4MIPs ?



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Strategic Relevance

EXA-Scale requires quality
documentation



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Process

Transparent
Documented
Iterative
Sustainable
International



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Services

Engage scientific community

Nurture standards, e.g. CIM

Advocacy

Governance

Dissemination

Exploitation



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Tools

Create
Search
View
Compare
Visualize



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Doc Type :	Doc Version :	Project :	Institute :	Model :	Experiment :
<input type="text" value="Model"/>	<input type="text" value="Latest"/>	<input type="text" value="CMIP5"/>	<input type="text" value="IPSL"/>	<input type="text" value="*"/>	<input type="text" value="*"/>

Search returned 42 of 107 records in 0.135s

1 2 3

Institute	Short Name	Long Name	json
BCC	BCC-CSM1.1	Beijing Climate Center Climate System Model version 1.1	json
CMCC	CMCC-CESM	CMCC Carbon Earth System Model	json
CMCC	CMCC-CM	CMCC Climate Model	json
CMCC	CMCC-CMS	CMCC Climate Model with a resolved Stratosphere	json
CNRM-CERFACS	CNRM-CM5	CNRM-CM5	json
CSIRO-BOM	ACCESS1.0	ACCESS1.0	json
CSIRO-BOM	ACCESS1.3	ACCESS1.3	json
CSIRO-QCCCE	CSIRO-Mk3.6.0	CSIRO Mark 3.6.0	json
EC-EARTH	EC-EARTH	EC-EARTH	json
INM	INM-CM4	inmcm4	json
INPE	HadGEM2-ES	Hadley Global Environment Model 2 - Earth System	json
IPSL	IPSL-CM5A-LR	IPSL-CM5A-LR;atmosphere:LMDZ5A(95x96L39);ocean:NEMOV3.2(OPA-LIM-PISCES,149x182L31)	json
IPSL	IPSL-CM5A-MR	IPSL-CM5A-LR;atmos:LMDZ5A(144x143L39);ocean:NEMOV3.2(OPA-LIM-PISCES,149x182L31)	json
MIROC	MIROC4h	MIROC4h	json
MIROC	MIROC5	MIROC5	json
MOHC	HadCM3	HadCM3 (2000) atmosphere: HadAM3 (N48L19); ocean: HadOM (lat: 1.25 lon: 1.25 L20); land-surface/vegetation: MOSES1;	json
MOHC	HadGEM2-A	Hadley Global Environment Model 2 - Atmosphere	json
MOHC	HadGEM2-CC	Hadley Global Environment Model 2 - Carbon Cycle	json
MOHC	HadGEM2-ES	Hadley Global Environment Model 2 - Earth System	json

Step 1 : Select Model Component Properties

Help

Reset

Next

1. Select Models

All

ACCESS1.0	view
ACCESS1.3	view
BCC-CSM1.1	view
CFSV2-2011	view
CMCC-CESM	view
CMCC-CM	view
CMCC-CMS	view
CNRM-CM5	view
CSIRO-MK3.6.0	view
EC-EARTH	view
GFDL-CM2P1	view
GFDL-CM3	view
GFDL-ESM2G	view
GFDL-ESM2M	view
GFDL-HIRAM-C180	view
GFDL-HIRAM-C360	view
GISS-E2-H	view
GISS-E2-H-CC	view
GISS-E2-R	view
GISS-E2-R-CC	view
GISS-E2CS-H	view
GISS-E2CS-R	view
HADCM3	view
HADGEM2-A	view
HADGEM2-CC	view

2. Select Components

v

n

Aerosols	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Emission And Concentration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Model	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Transport	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Atmosphere	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Convection Cloud Turbulence	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cloud Scheme	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cloud Simulator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Dynamical Core	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Advection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Orography And Waves	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Radiation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Other	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Atmospheric Chemistry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Emission And Conc	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Gas Phase Chemistry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Heterogen Chemistry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Stratospheric Heter Chem	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Tropospheric Heter Chem	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Photo Chemistry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Transport	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Land Ice	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Glaciers	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sheet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Ice Sheet Dynamics	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Shelves	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Runes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

3. Select Properties

All

Aerosol Scheme
Bin Framework
Bin Species
Bulk Species
Framework
Modal Framework
Modal Species
Scheme Characteristics
Scheme Type
Species
Coupling With
Gas Phase Precursors
ocean biogeochemical coupling
Processes
Standard Properties
Citations
Location
Title
Description
Long Name
PI Email Address
PI Name
Short Name
vegetation model coupling

API

Publish
Search
Compare
Visualize



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Publishing API Client

2013
Python

2014
C, Java



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