

éclairé

Scenarios

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Scenario team to serve ECLAIRE

- No dedicated ECLAIRE scenarios
- Links towards existing – used elsewhere – datasets
- Emission scenarios
- Meteorological scenarios
- Land use scenarios

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Modelling (+)

Modelling and uncertainty
protocols across
components C1-5

Scenarios

Measurements (+)

Periodic Reporting

The **ÉCLAIRE** project [*Effects of Climate Change on Air Pollution and Response Strategies for European Ecosystems*] is a four year project funded by the EU's Seventh Framework Programme for Research and Technological Development (FP7). The project will be running for 4 years, from October 2011-2015 and involves 39 partner institutions across Europe.

ECLAIRE 3rd General Assembly, 22-24 October 2013, Zagreb

Submitted by Agnieszka Eljasz on Thu, 18/07/2013 - 12:15

The 3rd ÉCLAIRE General Assembly will take place in a Hotel Dubronik, located in the city centre of Zagreb, Croatia between 22nd and 24th of October, 2013. We would like to thank Sonja Vidic and her team for agreeing to host the GA this year.

Programme Overview

We are planning to start the first session at 9.00 on Tuesday, 22nd and finish the last session around 16.00 on Thursday, 24th.

[Add new comment](#) [Read more 2 attachments 2 attachments](#)

The ÉCLAIRE Winter School 2014 is now confirmed

Submitted by Agnieszka Eljasz on Wed, 09/10/2013 - 14:05

Start: 03/02/2014 13:03

End: 11/02/2014 13:03

Timezone: Europe/London

Location

Paris
France

EVENTS

« October 2013 »

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

CURRENT POSITIONS

- 3 year Post-doctoral position at INRA, France on 'Modelling the nitrogen cycle in agricultural landscapes'
 - Post-doctoral Position (27 months), UMR INRA-AgroParisTech
 - Fully-funded PhD studentship: Effects of climate change on soil emissions of ammonia and nitric oxide
- [+] [More jobs](#)

UPCOMING EVENTS

- 6th International Nitrogen Conference, Kampala, Uganda, 18-22 November 2013

Emission scenarios

- GAINS 2050 scenarios, gridded version

Outlook

- Updates for HTAP
 - 2012 country consultations results
 - Baseline and MFR
 - Decarbonized and MFR
- Updates for SSP beyond 2050

Meteorological scenarios

- SRES based due to lack of RCP GCM results
- Available: Daily meteorological data from RCA3 - ECHAM5_A1B-r3
 - Bias correction for T, precip
- Available: Hourly meteorological data from RCA3 - ECHAM5_A1B-r3
 - Note: bias correction needed

Eurocordex: EURO-CORDEX-Simulations - Windows Internet Explorer provided by SMHI
 http://www.euro-cordex.net/EURO-CORDEX-Simulations.1868.0.html

Arkiv Redigera Visa Favoriter Verktyg Hjälp

Favoriter | WebSlice-galleri | Airviro - stardust | Scheduling gimle | Google | Wikipedia | Folkets lexikon | Prognos SMHI | Google Maps

SMHI Intranät | Disp -sudplan -CENIA -PR... | Eurocordex: EURO-COR... x



UNICAN WRF311 t.b.d. t.b.d. historical t.b.d. 1950-2005 planned

Scenarios - Status of Work, last update: August 24, 2011

Institute	Model	Resolution	Driving Model	Driving Experiment	Driving Ensemble Member	Period	Status
CLMCOM	CCLM48	0.11	mpi-esm-lr	rcp45	t.b.d.	2006-2100	planned
CLMCOM	CCLM48	0.11	hadgem2-es	rcp45	t.b.d.	2006-2100	planned
CLMCOM	CCLM48	0.11	t.b.d.	rcp45	t.b.d.	2006-2100	planned
CLMCOM	CCLM48	0.11	mpi-esm-lr	rcp85	t.b.d.	2006-2100	planned
CLMCOM	CCLM48	0.11	hadgem2-es	rcp85	t.b.d.	2006-2100	planned
CLMCOM	CCLM48	0.11	t.b.d.	rcp85	t.b.d.	2006-2100	planned
CSC	REMO	0.11	mpi-esm-lr	rcp45	member x (t.b.d.)	2006-2100	planned
CSC	REMO	0.11	mpi-esm-lr	rcp45	member y (t.b.d.)	2006-2100	planned
CSC	REMO	0.11	mpi-esm-lr	t.b.d.	member x (t.b.d.)	2006-2100	planned
CSC	REMO	0.11	mpi-esm-lr	t.b.d.	member y (t.b.d.)	2006-2100	planned
DMI	HIRHAM	0.11	ec-earth	t.b.d.	t.b.d.	2006-2100	planned
SMHI	RCA4	0.11	ec-earth	rcp26	t.b.d.	2006-2100	planned
SMHI	RCA4	0.11	ec-earth	rcp45	t.b.d.	2006-2100	planned
SMHI	RCA4	0.11	ec-earth	rcp85	t.b.d.	2006-2100	planned
SMHI	RCA4	0.11	hadgem2-es	rcp45	t.b.d.	2006-2100	planned
SMHI	RCA4	0.11	mpi-esm-lr	rcp45	t.b.d.	2006-2100	planned
UNICAN	WRF311	0.11	t.b.d.	rcp45	t.b.d.	2006-2100	planned
WEGC	CCLM48	0.11	hadgem2-es	rcp26	t.b.d.	2006-2100	planned

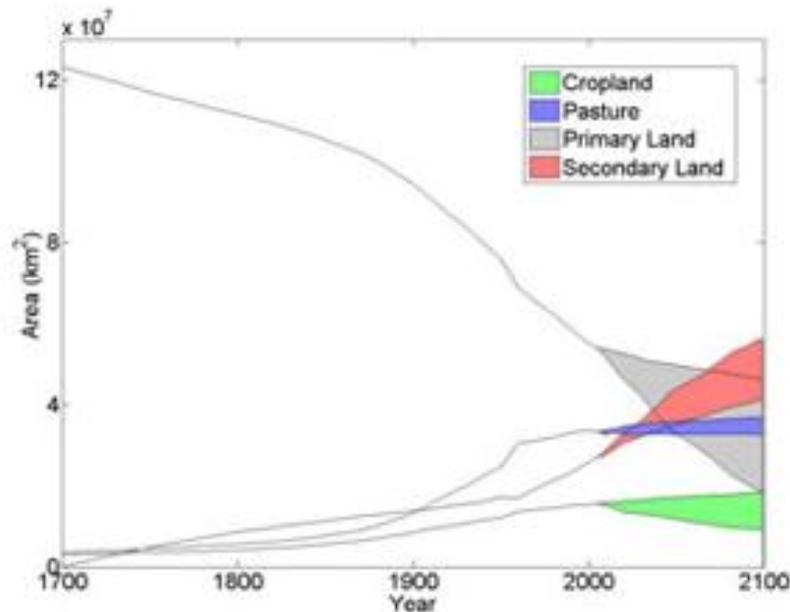
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Type3 Login

Results expected during 2012

Land use scenarios

- RCP based land use scenarios (one focal scenario per RCP)
- Published by Hurtt et al. (2011), Climatic Change
- $0.5^\circ \times 0.5^\circ$



<http://luh.umd.edu/>

Scenario session S5c

Concept

- Present and discuss what is available
- Discuss expected activities
- Exchange needs and possible solutions for a harmonized ECLAIRE dataset