

NACLIM General Assembly 2015 | 30.09. - 02.10.2015 | Conference Hotel Ever Caparica²⁾, Almada, Portugal

Session 0: Presentations from IAP¹⁾ / external guests
 Session 1: **Central Topic 1 - Key problems and uncertainties on Observation and Modelling for a better understanding of climate systems**
 Session 2: Other talks
 Session 3: Impact on Eco Systems
 Session 4: **Central Topic 2 - Impact on Urban Systems**
 Session 5: Reporting on CT work progress
 End-user session: Involved are WP 4.2 / 5.2 / end-user cities



¹⁾ IAP: International Advisory Panel

²⁾ Address: Av^o General Humberto Delgado, 47, 2829-506 Costa da Caparica

[From airport to hotel: Taxi ca. 25 min. @ 45 EUR; or bus no. 5 or 22 to "Praça do Areeiro", and change bus to "Costa da Caparica", may take up to 1.5-2h]

[wireless code at the hotel:]

Day 1 30.09.2015 Wed.	Session	Meeting Venue: Caparica B	Time slot
Beginns at 09:00			
Opening talks	0	Welcome talks: Joaquim Estêvão Miguel Judas (Mayor)/Nuno Lopes/Detlef Quadfasel	09:00 - 09:20
IAP ¹⁾ -1: Tor Eldevik	0	Mechanisms and visions for climate predictability rooted in the northern seas	09:20 - 09:40
Session 1. Central topic 1 - Key problems and uncertainties on Observation and Modelling for a better understanding of climate systems			09: 40 - 17:00
<u>Central topic 1.1: Model uncertainty (chaired by Marie-Noelle Houssais)</u>			
Wonsun Park	1.1	Overview talk: model uncertainty	09:40 - 10:00
Javier García-Serrano	1.1	Reproducibility assessment of the links between Arctic sea-ice variability and the Euro-Atlantic atmospheric circulation in CMIP5 present climate	10:00 - 10:20
Marilena Oltmanns	1.1	The role of small-scale atmospheric processes in southeast Greenland for air-sea heat fluxes during strong downslope wind events	10:20 - 10:40
Coffee Break			10:40 - 11:00
Guillaume Gastineau	1.1	The role of Eurasian snow cover onto Northern Hemisphere in Fall and its links with sea-ice cover	11:00 - 11:20
Yongqi Gao	1.1	Extra-tropical ocean warming and Arctic sea ice cover since 1990s	11:20 - 11:40
Helene R. Langehaug	1.1	Characteristics of poleward propagation of SST anomalies in CMIP5 models	11:40 - 12:00
Lunch			12:00 - 13:00

Central topic 1.2: Observational uncertainty (chaired by Detlef Quadfasel)

Detlef Quadfasel	1.2	Overview talk: observational uncertainty	13:00 - 13:20
Sally Close	1.2	Regional dependence in the onset of rapid decline in Arctic sea ice concentration	13:20 - 13:40
Jürgen Fischer	1.2	From Days to Decades: the DWBC at the Labrador Sea Exit – Observational Uncertainty of Transports	13:40 - 14:00
Stuart Cunningham	1.2	Dynamic Response of the North Atlantic Circulation to Ocean Heat Content Changes between 1990 and 2014	14:00 - 14:20
Steingrímur Jonsson	1.2	Observations of Atlantic water flowing to the shelf north of Iceland and associated uncertainties	14:20 - 14:40
Christoph Rieper	1.2	Observed and modelled fluxes in the Faroe-Shetland-Channel	14:40 - 15:00
Coffee Break			15:00 - 15:20

Central topic 1.3: Initialization of model systems and suitability of the observational system (chaired by Steffen Olsen)

Torben Schmith	1.3	Overview talk: Idealized decadal forecast experiments with and without Arctic data assimilation	15:20 - 15:40
Daniela Matei	1.3	Predictive potential of the North Atlantic meridional mass and heat transports	15:40 - 16:00
Gerard McCarthy	1.3	Can we deliver real-time Atlantic overturning estimates?	16:00 - 16:20
Katja Lohmann	1.3	Predictability of upper-ocean salt content in the subpolar North Atlantic and Nordic Seas – a multi-model study	16:20 - 16:40
Detlef Stammer	1.3	Is the observing system sufficient for generating initial conditions for climate predictions?	16:40 - 17:00
Coffee Break			17:00 - 17:20

Session 2. Other talks (chaired by Bogi Hansen)

LingLing Suo	2	Atmospheric response to the autumn sea-ice free Arctic and its detectability	17:20 - 17:40
Christophe Herbaut	2	Influence of recent atmospheric changes on the circulation of Atlantic Water in the Nordic Seas	17:40 - 18:00
Femke de Jong	2	Recent results from the LOCO mooring	18:00 - 18:20
Bert Rudels	2	Oceanic heat transport and air-ice-ocean interaction in the Nansen Basin	18:20 - 18:40
Bogi Hansen	2	Volume, heat, and salt transports in the main Atlantic inflow to the Nordic Seas have increased during the last two decades	18:40 - 19:00

[Get together: Dinner \(location t.b.a. in the final agenda\)](#)

[19:30](#)

Day 2 01.10.2015 Thu. Beginns at 08:30	Session	Meeting Venue: Caparica B	Time slot
Session 3. Impact on Eco Systems (chaired by Mark Payne)			08:30 - 09:10
Mark Payne	3	How can we predict distributional shifts of pelagic fish?	08:30 - 08:50
Hjálmar Hátún	3	Large-scale shifts in the North Atlantic bio-geography	08:50 - 09:10
Session 4. Central topic 2 - Impact on urban systems (chaired by Koen De Ridder)			09:10 - 11:10
Dirk Lauwaet	4	Overview talk: Effectiveness of heat stress adaptation measures in the NACLIM cities	09:10 - 09:25
Catherine Stevens	4	Heat stress exposure maps for Antwerp, Berlin and Almada: present, near and far future	09:25 - 09:40
C. Freitas, S. Dionísio, N. Lopes	4	Almada: Blue and green multifunctional adaptation to attenuate the urban heat island effect	09:40 - 10:00
Koen De Ridder	4	Antwerp: Towards a liveable city climate	10:00 - 10:20
Jörn Welsch	4	Berlin: Relevant results of NACLIM project for Berlin's climate adaptation strategies - already reached and prospects	10:20 - 10:40
Guest speaker IC3: Joan Ballester	4	Temperature-related mortality: modelling and prediction from the continental to the urban scale	10:40 - 11:10
Coffee Break			11:10 - 11:30
Session 0. European institutions and funding instruments related to ocean observation, modelling and climate services (chaired by Detlef Quadfasel)			11:30 - 12:30
IAP ¹ -2: Ralf Doescher	0	ECRA - European Climate Research Alliance - and the support to scientific cooperation	11:30 - 11:50
IAP ¹ -3: Pierre-Yves Le Traon	0	(WebEx) Mercator Océan/Copernicus Marine Environment Monitoring Service (CMEMS) Service Evolution	11:50 - 12:10
Guest speaker: Chiara Bearzotti	0	European funding instruments for research	12:10 - 12:30
Lunch			12:30 - 13:30
CT meeting (individual)	Meeting venues: (CT 1 3) Caparica B, (CT 2) Caparica A, (CT 4 5) Cristo Rei		13:30 - 15:00
Session 5. Report on CT work progress - Meeting venue: Caparica B			15:00 - 17:15
Johann Jungclaus	5.1	CT1 progress report	15:00 - 15:15
Karin M H Larsen	5.2	CT2 progress report	15:15 - 15:30
Steffen M. Olsen	5.3	CT3 progress report	15:30 - 15:45
Mark Payne & Koen de Ridder	5.4	CT4 progress report	15:45 - 16:00
Coffee Break			16:00 - 16:30
Catherine Stevens	5.5	} CT5 & WP6 progress report: data management / dissemination and ECOMS / Other PM issues	16:30 - 17:15
Martin Moritz	5.5		
Chenbo Guo	5.5/5.6		
Steering Committee and IAP Meeting			17:15 - 18:00

Day 3 02.10.2015 Fri.	Session	Meeting Venue: Cristo Rei	Time slot
Beginns at 09:00			

End-User Meeting (Chaired by Koen De Ridder & Catherine Stevens)			09:00 - 11:00
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WP4.2 / WP 5.2	End-User	WP leader introduction	09:00 - 09:20
Cities	End-User	End-User's feedback	09:20 - 09:50
WP4.2/WP5.2/WP6/Cities	End-User	Discussion round, follow-up work, accessing to data and the post project cooperation	09:50 - 11:00

[End of the meeting](#)

NACLIM General Assembly 2015 | 30.09. - 02.10.2015 | List of Participants



No.	Institute	Participants	CT No.	Email	Signature
1	SMHI, SE	Ralf Doescher	IAP	Ralf.Doescher@smhi.se	
2	UiB, NO	Tor Eldevik	IAP	tor.eldevik@gfi.uib.no	
3	IFREMER, FR	Pierre-Yves Le Traon (webex)	IAP	pierre-yves.letraon@mercator-ocean.fr	
4	MPG, DE	Chiara Bearzotti	WP 6 Guest	chiara.bearzotti@vw.mpimet.mpg.de	
5	Berlin Senate	Jörn Welsch	CT 4 Guest	Joern.Welsch@SenStadtUm.Berlin.de	
6	City Council of Almada	Catarina Freitas	CT 4 Guest	tba	
7	City Council of Almada	Nuno Lopes	CT 4 Guest	nlopes@cma.m-almada.pt	
8	City Council of Almada	Sara Dionísio	CT 4 Guest	sdionisio@cma.m-almada.pt	
9	DMI, DK	Ida Ringgaard	CT 1 3	iri@dm.dk	
10	DMI, DK	Steffen M. Olsen	CT 1 3	smo@dm.dk	
11	DMI, DK	Torben Schmith	CT 1 3	ts@dm.dk	
12	DMI, DK	Wilhelm May	CT 1 3	wm@dm.dk	
13	DTU AQUA, DK	Mark Payne	CT 4	mpay@aqu.dtu.dk	
14	FMI, FI	Bert Rudels	CT 2	Bert.Rudels@fmi.fi	
15	GEOMAR, DE	Mariena Oltmanns	CT 1 3	moltmanns@geomar.de	
16	GEOMAR, DE	Wonsun Park	CT 1 3	wpark@geomar.de	
17	GEOMAR, DE	Jürgen Fischer	CT 2	jfischer@geomar.de	
18	GIM, BE	Bart Thomas	CT 4 5	Bart.Thomas@gim.be	
19	GIM, BE	Catherine Stevens	CT 4 5	catherine.stevens@gim.be	
20	HAV, FO	Bogi Hansen	CT 2	bogihan@hav.fo	
21	HAV, FO	Karin M H Larsen	CT 2	KarinL@hav.fo	
22	HAV, FO	Hjálmar Hátún	CT 4	Hjalmarh@hav.fo	
23	IC3, ES	Joan Ballester	CT 4 Guest	joanballester.ic3@gmail.com	
24	MPG, DE	Daniela Matei	CT 1 3	daniela.matei@mpimet.mpg.de	
25	MPG, DE	Johann Jungclaus	CT 1 3	katja.lohmann@mpimet.mpg.de	
26	MPG, DE	Katja Lohmann	CT 1 3	johann.jungclaus@mpimet.mpg.de	

No.	Institute	Participants	CT No.	Email	Signature
27	MRI, IS	Hedinn Valdimarsson	CT 2	hv@hafro.is	
28	MRI, IS	Steingrimur Johnsson	CT 2	steing@unak.is	
29	MSS, UK	Bee Berx	CT 2	B.Berx@MARLAB.AC.UK	
30	NERC, UK	Gerard McCarthy	CT 2	gerard.mccarthy@noc.ac.uk	
31	NERSC, NO	Helene R. Langehaug	CT 1 3	helene.langehaug@nersc.no	
32	NERSC, NO	LingLing Suo	CT 1 3	lingling.suo@nersc.no	
33	NERSC, NO	Yongqi Gao	CT 1 3	yongqi.gao@nersc.no	
34	NIOZ, NL	Femke de Jong	CT 2	femke.de.jong@nioz.nl	
35	NIOZ, NL	Laura de Steur	CT 2	Laura.de.Steur@nioz.nl	
36	SAMS, UK	Clare Johnson	CT 2	Clare.Johnson@sams.ac.uk	
37	SAMS, UK	Stuart Cunningham	CT 2	Stuart.Cunningham@sams.ac.uk	
38	UHAM, DE	Armin Köhl	CT 1 3	Armin.Koehl@uni-hamburg.de	
39	UHAM, DE	Detlef Stammer	CT 1 3	Detlef.Stammer@uni-hamburg.de	
40	UHAM, DE	Ion Matei	CT 1 3	Ion.Matei@uni-hamburg.de	
41	UHAM, DE	Christoph Rieper	CT 2	Christoph.Rieper@uni-hamburg.de	
42	UHAM, DE	Detlef Quadfasel	CT 2	Detlef.Quadfasel@uni-hamburg.de	
43	UHAM, DE	Kerstin Jochumsen	CT 2	Kerstin.Jochumsen@uni-hamburg.de	
44	UHAM, DE	Martin Moritz	CT 2 5	Martin.Moritz@uni-hamburg.de	
45	UHAM, DE	Chenbo Guo	CT 5 WP 6	Chenbo.Guo@uni-hamburg.de	
46	UniRES, NO	Svein Østerhus	CT 2	Svein.Osterhus@uib.no	
47	UPMC, FR	Christophe Herbaut	CT 1 3	ch@locean-ipsl.upmc.fr	
48	UPMC, FR	Guillaume Gastineau	CT 1 3	ggalod@locean-ipsl.upmc.fr	
49	UPMC, FR	Javier García-Serrano	CT 1 3	jgslod@locean-ipsl.upmc.fr	
50	UPMC, FR	Marie-Noelle Houssais	CT 1 3	mnh@locean-ipsl.upmc.fr	
51	UPMC, FR	Sally Close	CT 1 3	saciod@locean-ipsl.upmc.fr	
52	VITO, BE	Dirk Lauwaet	CT 4	dirk.lauwaet@vito.be	
53	VITO, BE	Koen De Ridder	CT 4	koen.deridder@vito.be	