



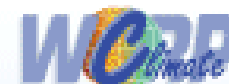
Overview of CLIVAR, SSG issues and the International CLIVAR Project Office 2008/9

Carlos Ereno and Howard Cattle
ICPO





CLIVAR Organization



Scientific Steering Group

Crosscutting (global) Panels

Observations & Data

CLIVAR Synthesis & Observations Panel*

PAGES/CLIVAR Working Group

CC/CLIVAR Expert Team on Climate Change Detection (A2)

Modelling

Working Group on Seasonal to Interannual Prediction

JSC/CLIVAR Working Group on Coupled Modelling

WGCM/CLIVAR Working Group on Ocean Model Development

Regional or PRA¹ related Panels

Asian-Australian Monsoon Panel (G2)

Atlantic Implementation Panel (D1-D3)

Southern Ocean Implementation Panel (D5)

Variability of the American Monsoon Systems (VAMOS) (G3)

Pacific Implementation Panel (G1 & D4)

CLIVAR/MOC Indian Ocean Implementation Panel

Variability of the African Climate System Panel (G4)

¹Principal Research Areas

*to be established

International CLIVAR Project Office

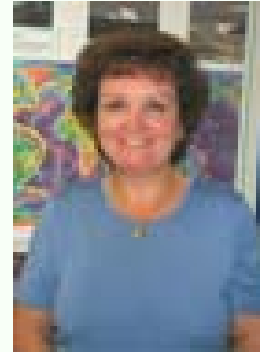
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Current ICPO staff



Howard Cattle



Sandy Grapes



**Roberta
Boscolo**



**Anna
Pirani**



**Carlos
Ereno**



**Kate
Stansfield**



Functions of the ICPO

- **Provide coordination to facilitate CLIVAR implementation**
- **Facilitate the activities and meetings of the CLIVAR implementation panels and working groups, providing follow up of actions and decisions**
- **Provide coordination between CLIVAR and other projects of WCRP and other national and international programmes and activities**



Functions of the ICPO cont.

- **Development and implementation of CLIVAR data and information management, guided by GSOP.**
- **Publicize CLIVAR, through its Newsletter, Website, posters, meetings and personal contacts etc. and distribute information on CLIVAR to a variety of recipients**

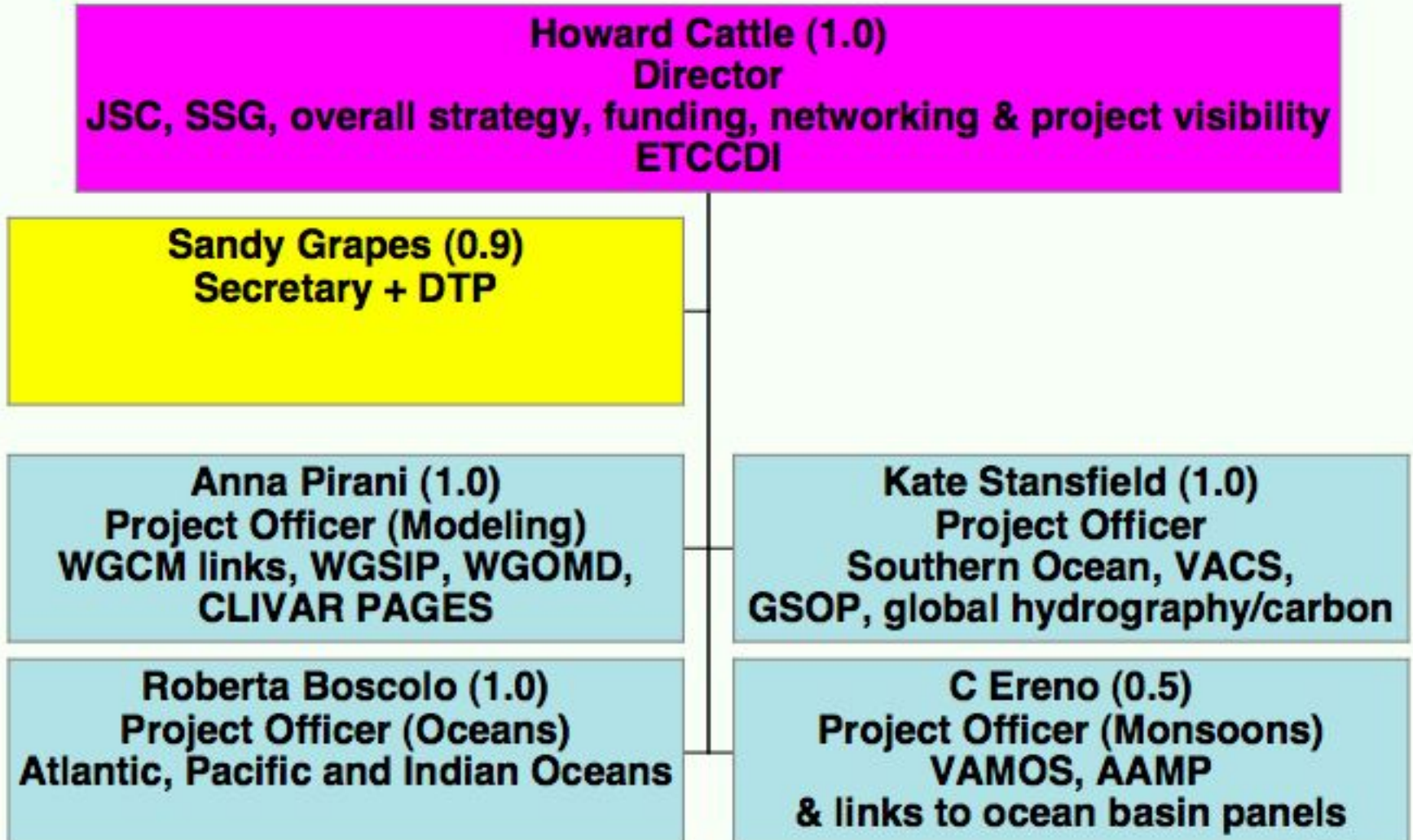


ICPO staff changes 2007/8

- **Nico Caltabiano left In December 2007.**
- **Kate Stansfield recruited August 2008.**
- **Roberta Boscolo will leave the ICPO at the end of this month for a post at WCRP.**



ICPO staff structure



International CLIVAR Project Office

ICPO – funding support

- **UK Natural Environment Research Council grant for 5 years from 1 April 2005.**
- **NOAA, NASA & NSF funding through US CLIVAR. Contract with UCAR, renewed annually.**
- **ICPO hosted within the National Marine Coordination Office, National Oceanography Centre, Southampton (NOCS) UK.**



ICPO funding

- **NERC support for the ICPO from 1 April 2010 will be subject to the success of a new funding bid to NERC currently being developed.**
- **5 year bid expected to be initially supported for 3 years with extension to 5 years subject to review.**
- **The present Director will retire on 31 March 2010**



Aspects of the work of the ICPO 2008

- **Support to CLIVAR panels and working groups including meetings, workshops etc, follow up on actions and updating of website.**
- **Aspects of CLIVAR and wider WCRP data management**
- **Links to other WCRP projects and activities including, support to JSC cross cuts**
- **Support to activities with other international programmes.**




Aspects of the work of the ICPO 2008

- **Coordination and development of CLIVAR inputs to the implementation of the WCRP strategy document.**
- **Coordination of wider CLIVAR inputs to JSC, input to sponsors and links to national programmes.**
- **Maintaining the visibility of CLIVAR through the website, publications, posters etc**



CLIVAR Publications Exchanges 2008/9


Newsletter of the Climate Variability and Predictability Programme (CLIVAR)



Exchanges


No 46 (Volume 13 No 3) July 2008

Natural Modes of Variability under Anthropogenic Climate Change



Background: a probabilistic analysis of the changing probability of seasonal-mean precipitation arising from anthropogenic climate change, based on IPCC AR4 integrations (Weisheimer and Palmer, 2005). Foreground: time series and attractor geometry for the standard Lorenz (1963) model (left hand panels) and for the Lorenz model under "climate change" forcing (right hand panels). Climate change in both simple and complex models is strongly influenced by the natural modes of variability pertaining to these models. See Introduction for more detail.

CLIVAR is an international research programme dealing with climate variability and predictability on time-scales from months to centuries. CLIVAR is a component of the World Climate Research Programme (WCRP). WCRP is sponsored by the World Meteorological Organization, the International Council for Science and the Intergovernmental Oceanographic Commission of UNESCO.



CALL FOR CONTRIBUTIONS

We would like to invite the CLIVAR community to submit CLIVAR related papers to CLIVAR Exchanges for the next issue. The deadline for submission is 31st August 2008

Guidelines for the submission of papers for CLIVAR Exchanges can be found under: <http://www.clivar.org/publications/exchanges/guidel.php>

2008:

- Furthering the science of ocean modelling (Jan)
- North American Monsoon Experiment (Apr)
- Natural models of variability under ACC(Jul)
- General issue (Oct)

2009

- General issues incorporating VAMOS Newsletter (Jan)
- General issue including SSG reports and outcomes (Apr/Jul)
- Ocean observations (Oct)?

Size \approx 32 pages; Distribution \sim 1700 copies per issue (hardcopy & pdf)



CLIVAR SSG-16- outline agenda

1. Welcome and introduction
2. Outcomes of JSC and sponsor and other programme/project inputs
3. Contributions from National Programmes
4. ICPO Report
5. CLIVAR strategy including review of “CLIVAR imperatives” identified in CLIVAR’s contribution to the WCRP strategic plan
6. Progress reports by Panels and Working Groups and issues for the SSG
7. Summing up session on strategy and review of action items
8. Membership issues and next meeting

CLIVAR SSG-16 actions - VAMOS

- **2.4 CLIVAR to host MJO Task Force within AAMP VAMOS to discuss whether they will host TF as well. (SSG Exec in discussion with D/WCRP and D Waliser; JPS to make connection with WWRP).**
- **6.1 Request Panels and Working Groups and other WCRP projects to distill information on experience with analyses of CMIP-3 output. Email to be circulated requesting this, with rational and information on IRI simplified pathway to data (WGCM co-chairs, Anna Pirani)**
- **Encourage dialogue between Atlantic Panel and VOCALS on tropical model biases (Atlantic co-chairs in consultation with VOCALS)**

p1

CMIP-3: phase 3 of the Coupled Model Intercomparison Project

WGCM: JSC/CLIVAR Working Group on Coupled Modelling

VOCALS: VAMOS Ocean-Cloud-Atmosphere-Land Study

particular; 02/06/2009

CLIVAR SSG-16 actions - VAMOS

- **6.4 Finalize IASCLIP endorsement process (VAMOS co-chairs, D/ICPO)**
- **6.4 SSG encourages coordination between VAMOS and Expert Team on Climate Change Detection and Indices (ETCCDI) on extremes (ETCCDI/VAMOS chairs) and also encourages ETCCDI to send young “trainee” to workshops to educate new trainers; Encourage other panels to engage in extremes research in a similar fashion to VAMOS**

ETCCDI: Expert Team on Climate Change Detection and Indices
particular; 02/06/2009

VAMOS! Newsletter 2009

- **VAMOS! provides the focus for CLIVAR's activities on the monsoon systems of North and South America.**
- **VAMOS! Newsletter is published annually.**
- **Size 20 pages; Originally printed 1800 copies (hardcopy & pdf) – 300 copies for WCRP**
- **Starting with the 5th issue (2009), and due to budgetary reasons, the VAMOS Newsletter will appear as a supplement of CLIVAR Exchanges for the printed version, but will remain available in digital form in the VAMOS web site.**





VAMOS!

Joint Edition of the Newsletter of the
Climate Variability and Predictability Project
(CLIVAR) Exchanges and the
CLIVAR Variability of the American Monsoon Systems Project (VAMOS)

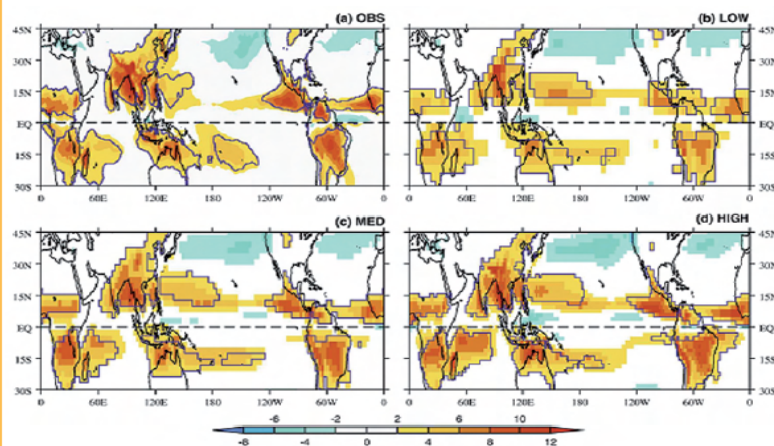


Figure 1: Climatological annual precipitation range (shading; mm/day) and monsoon domains (contours). (a) Observations, and the group ensemble means of (b) LOW, (c) MED, and (d) HIGH. (From Kim et al., 2008) // Figura 1: Rango climatológico anual de precipitación (sombreado; mm/día) y dominios monzónicos (contours). (a) Observaciones, y medias del ensamble de grupos de (b) BAJA, (c) MEDIA, y (d) ALTA. (de Kim et al., 2008). (See article on page 16// Vea el artículo en página 16)

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web address: www.clivar.org

²WCRP is sponsored by WMO, ICSU and IOC

VAMOS Newsletter

c/o Departamento de Ciencias de la Atmosfera - UBA
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Argentina
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email: icposa@at.fcen.uba.ar



Exchanges



VAMOS! Newsletter 2009

- The 2009 issue of the VAMOS! Newsletter has the main theme “**Cross-cutting activities within VAMOS, linking the American Monsoons.**”
- The VAMOS Panel has recommended that the contents remain relatively light and with a specific theme.
- We will continue to send a limited number of printed copies of VAMOS! to institutions that are registered in our mailing list.

ISSN 1813-6478

VAMOS !
Newsletter of the Variability of the
American Monsoon Systems Panel

No. 5, 2009

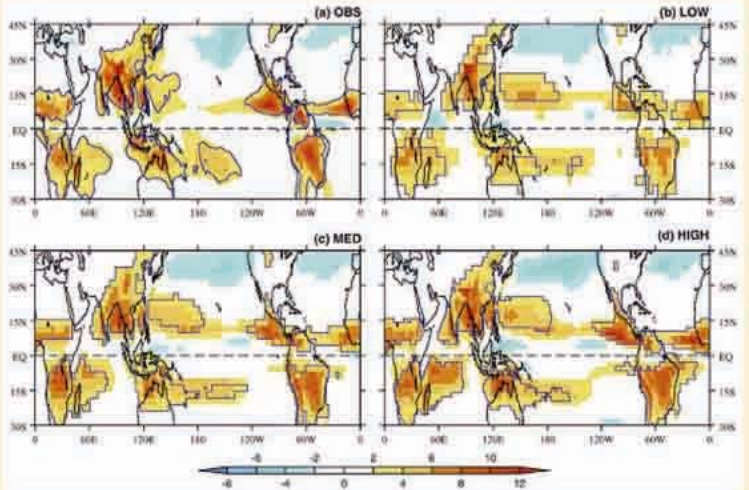





Figure 3: Climatological annual precipitation range (shading; mm/day) and monsoon domains (contours). (a) Observations, and the group ensemble means of (b) LOW, (c) MED, and (d) HIGH. (From Kim et al., 2008) // Figura 3: Rango climatológico anual de precipitación (sombreado; mm/día) y dominios monzónicos (contorno). (a) Observaciones, y medios del ensemble de grupos de (b) BAJA, (c) MEDIA, y (d) ALTA. (de Kim et al., 2008). (See article on page 3 // Ver el artículo en página 3)

WCRP
World Climate Research Programme

The VAMOS Panel is part of the
Climate Variability and Predictability Programme (CLIVAR),
an activity under the auspices of
the World Climate Research Programme (WCRP)



VAMOS panel membership

Member	Appoint	End
H. Berbery (co-chair)	2006	2009
J. Marengo (co-chair)	2006	2009
JP. Boulanger	2005	2008
A. Busalacchi	1997	2008
T. Cavazos	2007	2009
D. Enfield	2007	2009
L. Farfan	2005	2008
R. Garreaud	2004	2009
D. Gochis	2006	2009
L. Goddard	2005	2008
D. Gutzler	2003	2008
R. Mechoso	2005	2008
C. Saulo	2006	2009

Memberships and renewal to the end of 09 consistent with SSG policy to review all panel memberships in 09.



VAMOS panel membership

Proposal of VAMOS panel membership to SSG approval:

(a) Panel members whose term ended at the end of 2008 and are willing to continue for a new period

- Jean-Philippe Boulanger
- Anthony Busalacchi
- Luis Farfan
- Roberto Mechoso (VOCALS chair)

(b) Suggested names to replace members whose term will come to an end

- Ben Kirtman is nominated to replace Dave Gutzler



VAMOS panel membership

Proposal

Renewals/Replacements

- J. Marengo- nominated co-chair in 2006 for 3 years, end of 09
- H. Berbery- nominated co-chair in 2007 for 2 years, end of 09
- D. Enfield- nominated panel member in 2007 for 2 year, end of 09
- T. Cavazos- nominated panel member in 2007 for 2 years, end of 09
- R. Garreaud-renewed for 2 years, second term, end of 09
- D. Gochis- nominated panel member in 2006, end of 09
- L. Goddard- nominated panel member in 2005, end of 09
- C. Saulo- nominated panel member in 2006, end of 09





Thanks!

<http://www.clivar.org>