

# WGSIP 22

## 22nd Session of the WCRP Working Group on Subseasonal to Interdecadal Prediction

28-30 October 2020 (online)



# WORLD CLIMATE RESEARCH PROGRAMME

# ORGANIZATION

“Starting point” preceding Strategic Plan implementation

JOINT SCIENTIFIC COMMITTEE (JSC)

WCRP MODELLING ADVISORY COUNCIL (WMAC)

WCRP DATA ADVISORY COUNCIL (WDAC)

WORKING GROUPS ON: COUPLED MODELLING (WGCM), **SUBSEASONAL TO INTERDECADAL PREDICTION (WGSIP)**,  
NUMERICAL EXPERIMENTATION (WGNE), REGIONAL CLIMATE (WGRC)

CLiC



CRYOSPHERE-  
CLIMATE

CLIVAR



OCEAN-  
ATMOSPHERE

GEWEX



LAND-  
ATMOSPHERE

SPARC



TROPOSPHERE-  
STRATOSPHERE

CORDEX



REGIONAL CLIMATE  
DOWNSCALING

**GRAND CHALLENGES ON:** CLOUDS, CIRCULATION AND CLIMATE SENSITIVITY;  
MELTING ICE AND GLOBAL CONSEQUENCES; WEATHER AND CLIMATE EXTREMES;  
REGIONAL SEA-LEVEL CHANGE AND COASTAL IMPACTS; WATER FOR THE FOOD BASKETS OF THE WORLD;  
AND CARBON FEEDBACKS IN THE CLIMATE SYSTEM

JOINT PLANNING STAFF (JPS)

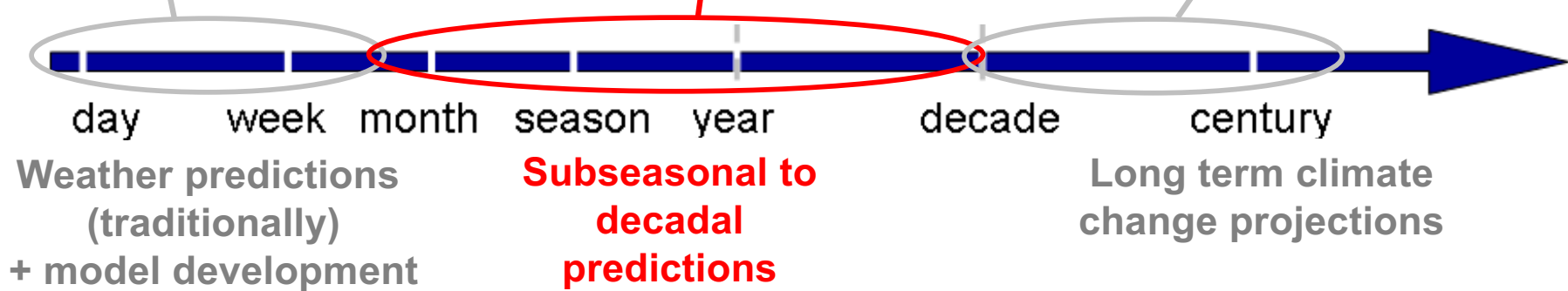
# WCRP Working Groups



Working Group on  
Numerical Experimentation  
(WGNE)

**Working Group on Sub-  
seasonal to Interdecadal  
Prediction (WGSIP)**

Working Group on Coupled  
Modelling (WGCM)



# A brief history of WGSIP

- ~1995: Originated as *CLIVAR Numerical Experimentation Group-1*
  - co-chaired by Neville Smith and Mark Cane
  - 1st session February 1996, Montego Bay, Jamaica
- ~1999: Becomes *CLIVAR Working Group on Seasonal-to-Interannual Prediction*
- 2005: WCRP Task Force on Seasonal Prediction formed, mandate transferred to WGSIP in 2007
- 2007: WCRP Workshop on Seasonal Prediction, Barcelona
- 2007: CHFP proposed
- 2012: WGSIP → WCRP
- 2013: International workshop on seasonal to decadal prediction, Toulouse
- 2017: Becomes *Working Group on Subseasonal to Interdecadal Prediction*
- 2018: International Conferences on Subseasonal to Decadal Prediction, Boulder
- 2020-21 WCRP Workshop on Extremes in Climate Prediction Ensembles

# Past meetings

| Session   | Dates                | Location                |
|-----------|----------------------|-------------------------|
| NEG-1 1st | 26-29 February 1996  | Montego Bay, Jamaica    |
| NEG-1 2nd | 12-15 May 1997       | Hamburg, Germany        |
| NEG-1 3rd | 9-12 November 1998   | Palisades, USA          |
| WGSIP 4   | 9-12 November 1999   | Bologna, Italy          |
| WGSIP 5   | 1-3 November 2000    | Buenos Aires, Argentina |
| WGSIP 6   | 5-7 November 2001    | Budapest, Hungary       |
| WGSIP 7   | 19-22 November 2002  | Cape Town, South Africa |
| WGSIP 8   | 5-7 November 2003    | Honolulu, USA           |
| WGSIP 9   | 14-16 October 2004   | Exeter, UK              |
| WGSIP 10  | 13-16 February 2006  | Wellington, New Zealand |
| WGSIP 11  | 7-8 June 2007        | Barcelona, Spain        |
| WGSIP 12  | 12-14 January 2009   | Miami, USA              |
| WGSIP 13  | 29-31 July 2010      | Buenos Aires, Argentina |
| WGSIP 14  | 12-14 September 2011 | Trieste, Italy          |
| WGSIP 15  | 24-26 September 2012 | Hamburg, Germany        |
| WGSIP 16  | 10-12 March 2014     | Exeter, UK              |
| WGSIP 17  | 13-14 September 2015 | Norrköping, Sweden      |
| WGSIP 18  | 23-25 November 2016  | Dakar, Senegal          |
| WGSIP 19  | 9-12 October 2017    | Exeter, UK              |
| WGSIP 20  | 21 September 2018    | Boulder, USA            |
| WGSIP 21  | 29-31 May 2019       | Moscow, Russia          |

# WGSIP Membership

## Continuing

|                           |  |
|---------------------------|--|
| W. Merryfield (co-Chair)  | Canadian Centre for Climate Modelling and Analysis, Canada |
| D. Smith*(co-Chair)       | Met Office, UK   |
| J. Baehr                  | University of Hamburg, Germany                             |
| L. Batté                  | Metéo France, France                                       |
| A. Beraki                 | CSIR, South Africa   |
| D. Hudson                 | Bureau of Meteorology, Australia                           |
| J.-Y Lee**                | Pusan National University, Korea                           |
| Y. Orsolini*              | NILU, Norway   |
| R. Saurral                | CIMA, Universidad de Buenos Aires, Argentina               |
| Y. Takaya                 | Meteorological Research Institute, Japan                   |
| M. Tolstykh               | Russian Academy of Sciences, Russia                        |
| K. Raghavan (JSC liaison) | Centre for Climate Change Research (CCCR), IITM, India     |

## Incoming

|                    |                |
|--------------------|----------------|
| Ángel Muñoz        | IRI, USA       |
| Hongli Ren         | CMA, China     |
| Leon Hermanson     | Met Office, UK |
| Stephanie Johnson  | ECMWF          |
| François Massonnet | UCL, Belgium   |

*\*Rotating off after 2020*

*\*\*Co-chair beginning 2021*

# WGSIP cross-representation

## Current & incoming WGSIP members bring

- Connections to 10/13 WMO Global Producing Centres (GPCs) for seasonal forecasts
- “ “ 3/4 WMO GPCs for Annual-to-Decadal forecasts
- Cross-membership with steering groups and lead investigators for
  - WCRP Decadal Climate Prediction Project
  - WCRP Grand Challenge on Near-Term Climate Prediction
  - WWRP/WCRP S2S project
  - WMO seasonal forecasting operations (IPET-OPSLS)
  - WMO/WWRP Polar Prediction Project
  - APPLICATE H2020 project / CMIP6 Polar Amplification MIP
  - Blue-Action H2020 project
  - MEDSCOPE ERA4CS project
  - ...

# Kudos



## Ramiro Saurral recibió premio Estímulo 2020 de la ANCEFN

ANCEFN | 05/10/2020

Como se viene haciendo desde el año 2006, la [Academia Nacional de Ciencias Exactas, Físicas y Naturales](#), ha otorgado los **Premios Estímulo**. Este premio destinado a investigadores de hasta 40 años, que desarrollan su trabajo científico en el país, se basa en la calidad y originalidad de las publicaciones realizadas, las eventuales

contribuciones tecnológicas, el liderazgo en una línea de investigación y la dirección de proyectos y becarios.

Este año, el [Dr. Ramiro Saurral](#), Investigador del CONICET en el CIMA y profesor del Departamento de Ciencias de la Atmósfera y los Océanos, ha recibido el [Premio Estímulo 2020 en el área Ciencias de la Tierra](#) de la ANCEFN. [\[+INFO\]](#)

## Ramiro Saurral received the ANCEFN 2020 Stimulus award

As has been done since 2006, the National Academy of Exact, Physical and Natural Sciences has awarded the Stimulus Awards. This award for researchers up to 40 years of age, who develop their scientific work in the country, is based on the quality and originality of the publications made, possible technological contributions, leadership in a line of research and the management of projects and scholarship holders. .

This year, Dr. Ramiro Saurral, CONICET Researcher at CIMA and professor in the Department of Atmospheric and Ocean Sciences, has received the 2020 Stimulus Award in the Earth Sciences area of the ANCEFN. [\[+ INFO\]](#)



# Objectives of this meeting

- Further define WGSIP role in implementing WCRP's new strategic plan
- Assess recent progress and developments in the climate prediction community
- Report progress on new and ongoing WGSIP projects addressing research gaps & operational needs
- Facilitate planning of WCRP Workshop on Extremes in Climate Prediction Ensembles (ExCEPns)
- Discuss ways forward towards further developing 2-way research-to-operations exchanges through engagement with operational community including WMO IPET-OPSLs

# Self-introductions

## Continuing

|                           |  |
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| L. Batté                  | Metéo France, France                                       |
| A. Beraki                 | CSIR, South Africa   |
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| J.-Y Lee                  | Pusan National University, Korea                           |
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