



UMI-IFAECI



CORDEX Central America and South America Training Workshop on Downscaling Techniques

General objectives and expectations

Silvina Solman

CORDEX SAT

CIMA/DCAO (CONICET-UBA)

Buenos Aires - Argentina

Maria Laura Bettoli

CORDEX POC- South America

DCAO (UBA/CONICET)

Buenos Aires - Argentina

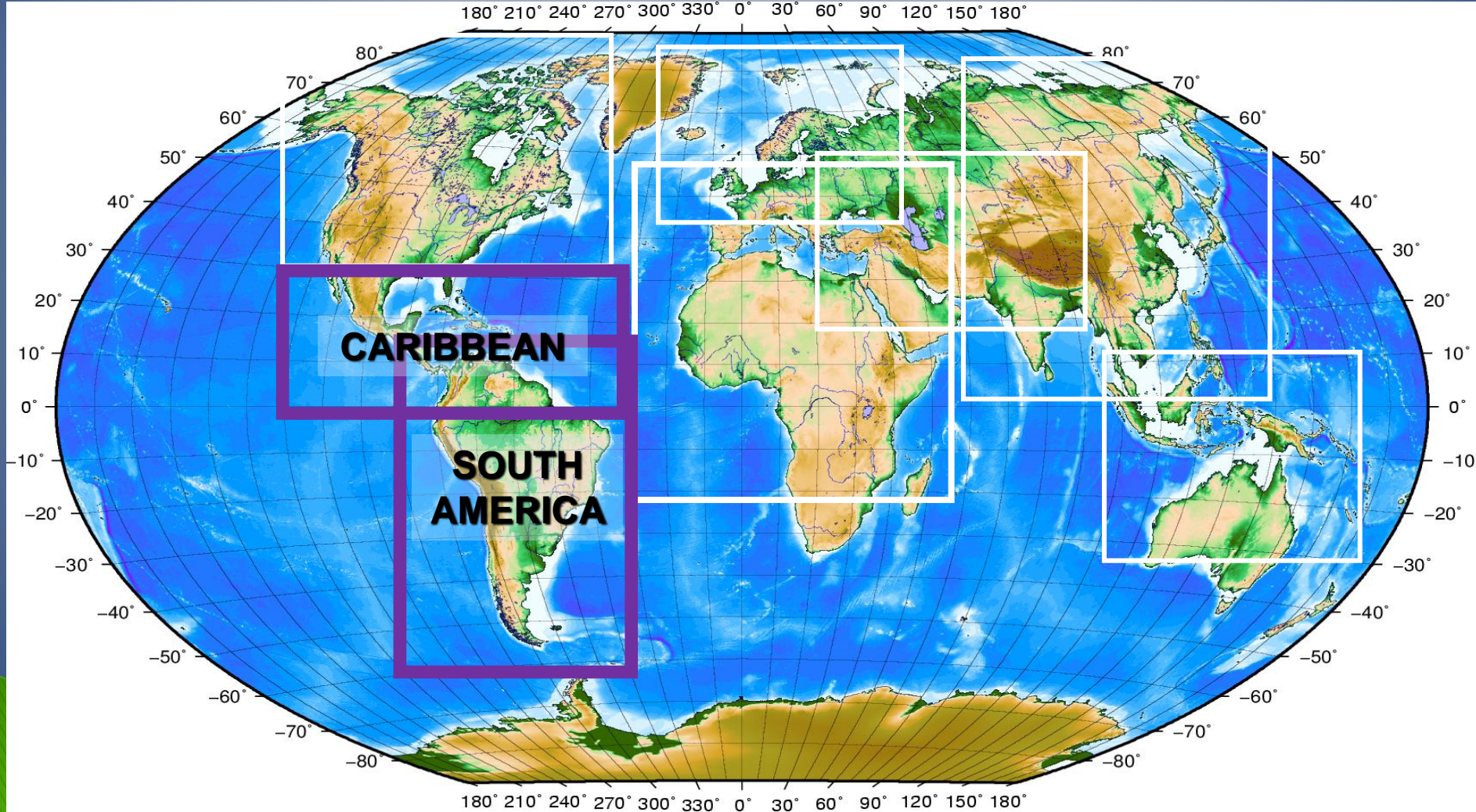
June 25-27, La Paz, Bolivia

CORDEX Central America and South America Training Workshop on Downscaling Techniques

- ▶ **Sponsors:** SMHI (Sweden) - WCRP (CORDEX)
- ▶ **Co-chairs:** Maria Laura Bettolli and Silvina Solman
- ▶ **Local organizer:** Marcos Andrade
- ▶ **Scientific steering committee:** Raymond Arritt, Tereza Cavazos, Ruth Cerezo-Mota, Irene Lake (CORDEX-IPOC), Rosmeri Porfirio da Rocha, Tannecia Stephenson
- ▶ **Local support team:** Valeria Mardoñez y Laura Ticona

COordinated Regional Downscaling EXperiments: **CORDEX**

www.cordex.org



General objectives

Support science-based sustainable regional development and policymaking in the context of climate change

Water

Agriculture

Energy

Health

General objectives

Support science-based sustainable regional development and policymaking in the context of climate change

COORDINATED
APPROACH

Build a regional strategy to improve regional climate information for climate change and impact studies

Capacity building effort on Downscaling Techniques



WCRP VAMOS/CORDEX Workshop on Latin-America and Caribbean CORDEX LAC: Phase I - South America

September 11–13, 2013 Lima, Perú



➤ **South America: main climate-driven issues**

- ✓ CORDEX data and tools for model evaluation

➤ **Training activities**

- ✓ Provide targeted downscaled information for impact assessment analysis

Capacity building effort on Downscaling Techniques



WCRP VAMOS/CORDEX Workshop on Latin-America and Caribbean CORDEX LAC: Phase II – The Caribbean

7th-9th April 2014, Santo Domingo, Dominican Republic



- **The Caribbean: main climate-driven issues**
 - ✓ CORDEX data and tools for model evaluation
- **Training activities**
 - ✓ From data to action....developing useful climate-relevant messages for policy development

Workshop objectives

Capacity building effort on
Downscaling Techniques

Training
activities

Regional
expertise

Coordinated
collaborative
approach



Training activities

ESD methodologies
including hands-on
ESD experiments

How to use/interpret
GCM/RCM outputs

Regional expertise

Triggering
presentations by
Invited speakers

Participants
presentations:
Poster session

Coordinated collaborative approach

Coordinate a collaborative research to explore the added value of downscaling (ESD and RCM) in a collection of regional phenomena.

Pursue the Interaction/discussion between climate modelers and representatives from the user/impact community

Workshop agenda

- ▶ Background papers and invited plenary speakers will provide the context for main topics of regional concern.
- ▶ Participants presentations will identify on-going studies.
- ▶ Training sessions will contribute to a regional framework for climate services.
- ▶ Interaction amongst participants will be encouraged in order to develop a community coordinated approach.

Workshop agenda

DAY1	DAY 2	DAY 3
SESSION 1: Overview - Regional climate research over Central America – The Caribbean and South America - Invited presentations on Regional studies	SESSION 3: Invited presentations on Regional studies	SESSION 6: Training on ESD methodologies Part III
	SESSION 4: Poster session	SESSION 7: Training on use/interpretation of models' outputs Part IV
SESSION 2: Training on ESD methodologies Part I	SESSION 5: Training on ESD methodologies Part II	SESSION 8: Brainstorming activity
	Group activity	Poster Prize
		CLOSING
Group Dinner		

Expected outcomes

- ▶ Capacity building on ESD to improve technical capabilities of researchers within the SAM/CAM regions
- ▶ Collaborative coordinated research agenda on the added value of downscaling for regional phenomena over SAM and CAM
- ▶ Knowledge exchange, networking modelling and user/impact community.
- ▶ Increased networking and dialogue amongst scientists within the regional community.

Enjoy the
training
Workshop!

