

A brief history of CORDEX

CORDEX

WCRP
CORDEX

Filippo Giorgi, ICTP, Trieste, Italy

Third Pan-CORDEX Conference, ICRC-CORDEX 2016, 17-20 May Stockholm

CORDEX – The Birth

- Call by WCRP for greater coordination across downscaling activities

- JSC-28, Arcachon, 2009
- G. Asrar, T. Busalacchi



- Initial discussions across the downscaling community

- Toulouse 2009
- Hosting by IPSL

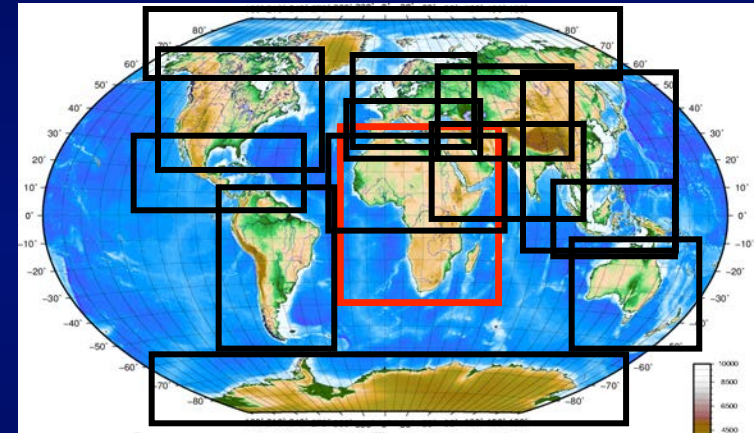


- Establishment by the WCRP of the Task Force on Regional Climate Downscaling, TFRCD (2010)

- F. Giorgi and C. Jones Co-chairs

CORDEX – Adolescence

- Design of CORDEX1 framework (Giorgi et al. 2009; Jones et al. 2011)
 - Coordination with CMIP5
 - Regional CORDEX groups
- First Pan-CORDEX Conference
 - ICTP, Trieste, 2011
 - ~180 participants



CORDEX – Young Adulthood

- CORDEX becomes a formal WCRP program (2012)
- Establishment of the Science Advisory Team, SAT (2012)
 - F. Giorgi and C. Jones Co-Chairs
 - M. Rixen WCRP contact



- Establishment by WCRP of the Working Group on Regional Climate, WGRC (2013).
- Second Pan-CORDEX conference – ICRC-CORDEX 2013
 - Brussels, Nov. 2013
 - ~400 participants
 - Sponsorship by the EU



CORDEX – Adulthood

- Expansion of the SAT (F. Giorgi and W. Gutowski Co-chairs)
- Establishment of the International Project Office for CORDEX (IPOC) at SMHI (2015)
 - E. O'Rourke → I. Lake Directors
 - B. Lee WCRP contact
 - CORDEX listed as Core WCRP project
- Third Pan-CORDEX conference – ICRC-CORDEX 2016
 - Stockholm, Nov. 2016



Approval of CORDEX2 Framework



CORDEX Vision and Goals

The CORDEX vision is to advance and coordinate the science and application of regional climate downscaling through global partnerships

- To better understand relevant regional/local climate phenomena, their variability and changes through downscaling
- To evaluate and improve regional climate downscaling models and techniques (RCM, ESD, VAR-AGCM, HIR-AGCM)
- To produce large coordinated sets of regional downscaled climate projections worldwide
- To foster communication and knowledge exchange with users of regional climate information

Tack
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Välkommen

