

**Co-ordinated CIS approaches
for addressing climate-
related disasters Lessons
from El Niño and La
Niña Events**

L. A OGALLO

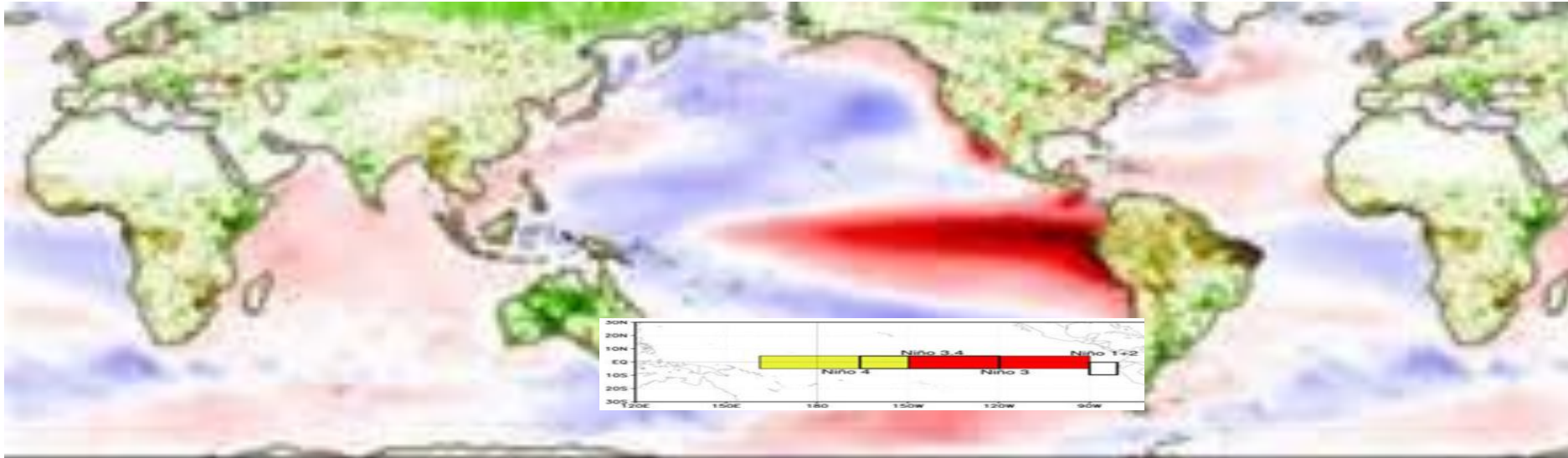
ICPAC/IGAD

IGAD-UNDP resilience capacity

building Project

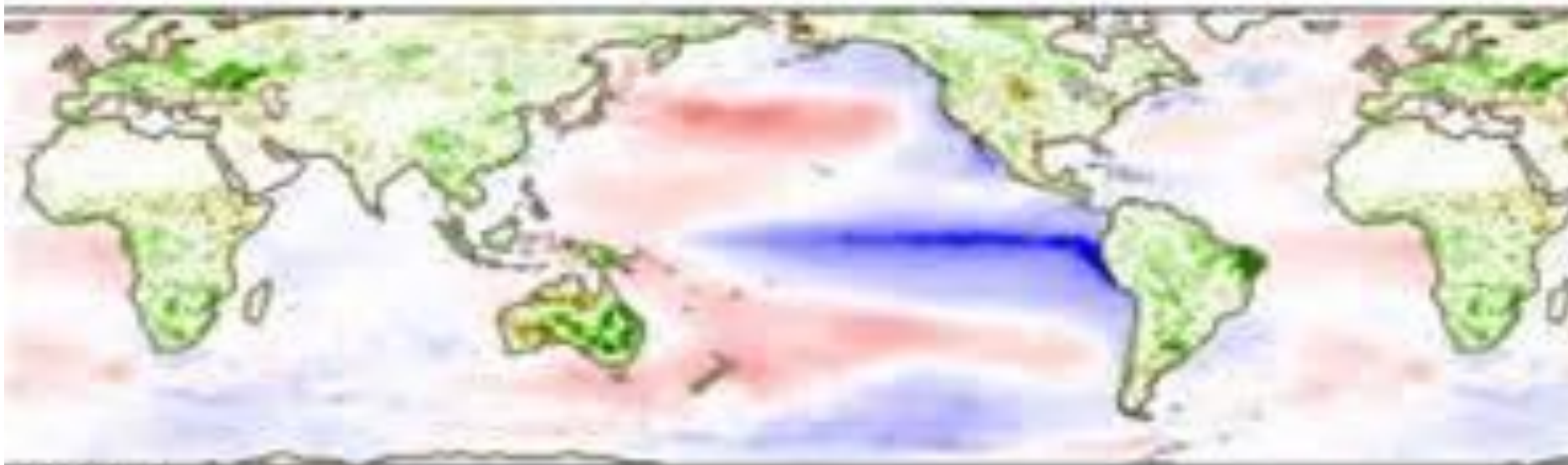
El Niño and La Niña concepts

- **El Niño and La Niña: Very popular climate information**
- **Good Coordinated Lessons on related Climate services**
- **Miss use of El Niño and La Niña**
 - **What is El Niño and La Niña?**
 - **Knowledge of linkages with regional/ local some climate extremes world wide, and Africa**

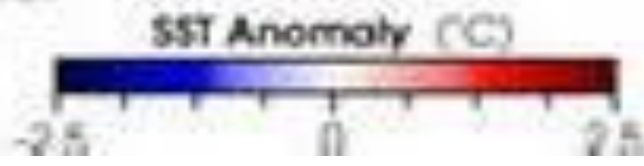


April 1983

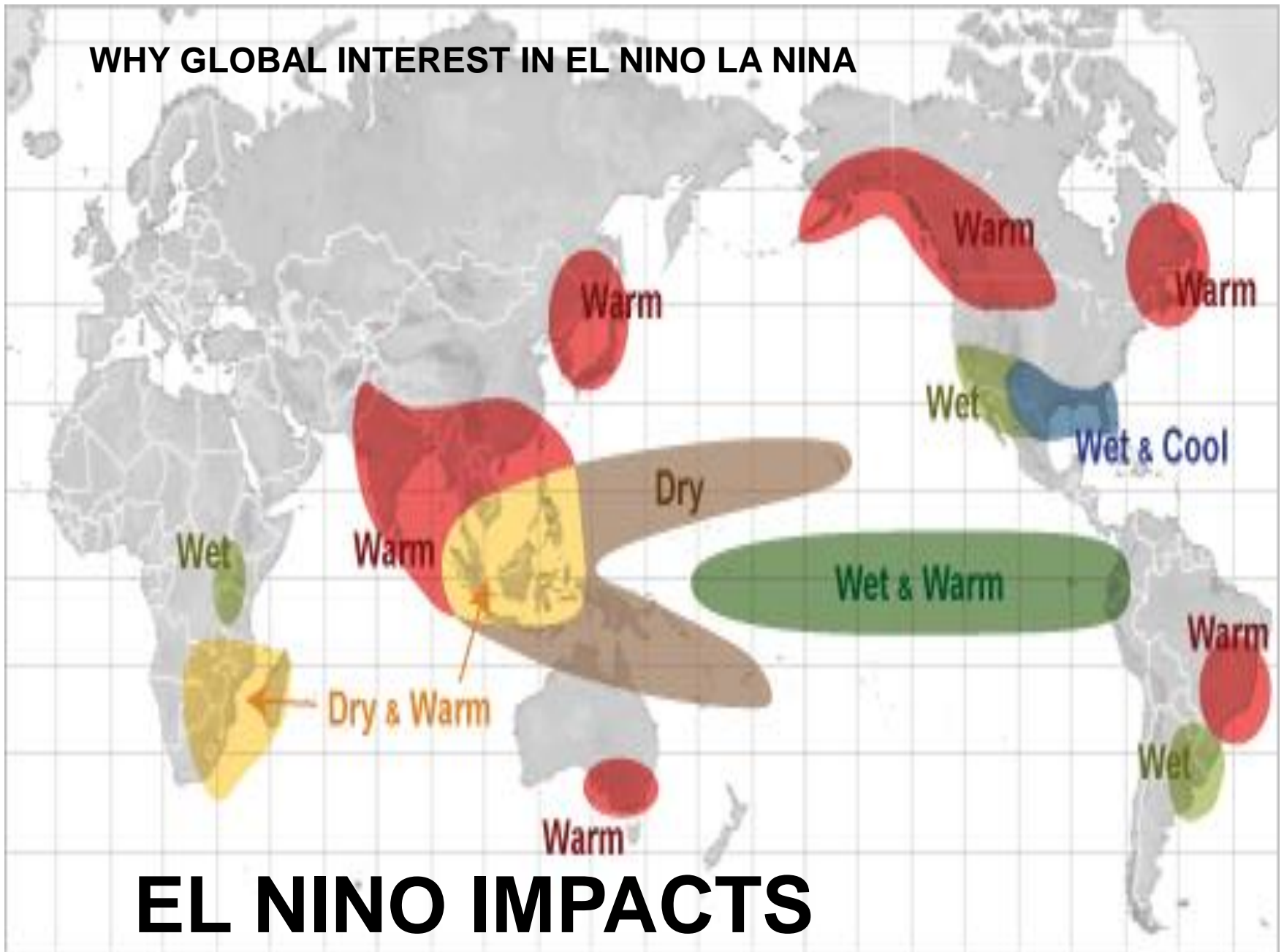
EL NINO VS LA NINA



April 1989



WHY GLOBAL INTEREST IN EL NINO LA NINA



EL NINO IMPACTS

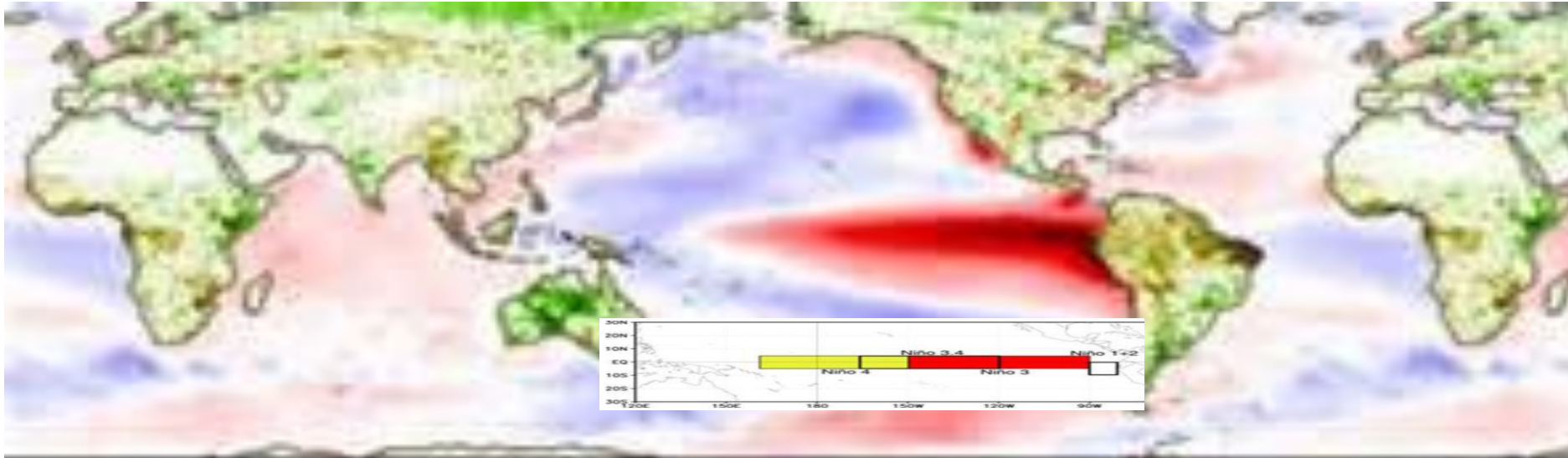
Coordination of El Niño and La Niña Climate information services

- **Global level leadership: (WMO Climate centres; Inter UN system), NEW RELEASE BY WMO TODAY :**
http://www.wmo.int/pages/prog/wcp/wcasp/wcasp_home_en.html
- **Regional level leadership (RCC: ACMAD, ICPAC, SADC CSS, HYGRYMET, etc- RCOFs world wide process**
- **National leadership: NMHSs- Community level / sector specific needs**

WMO Global Producing Centres for Long Range Forecasts

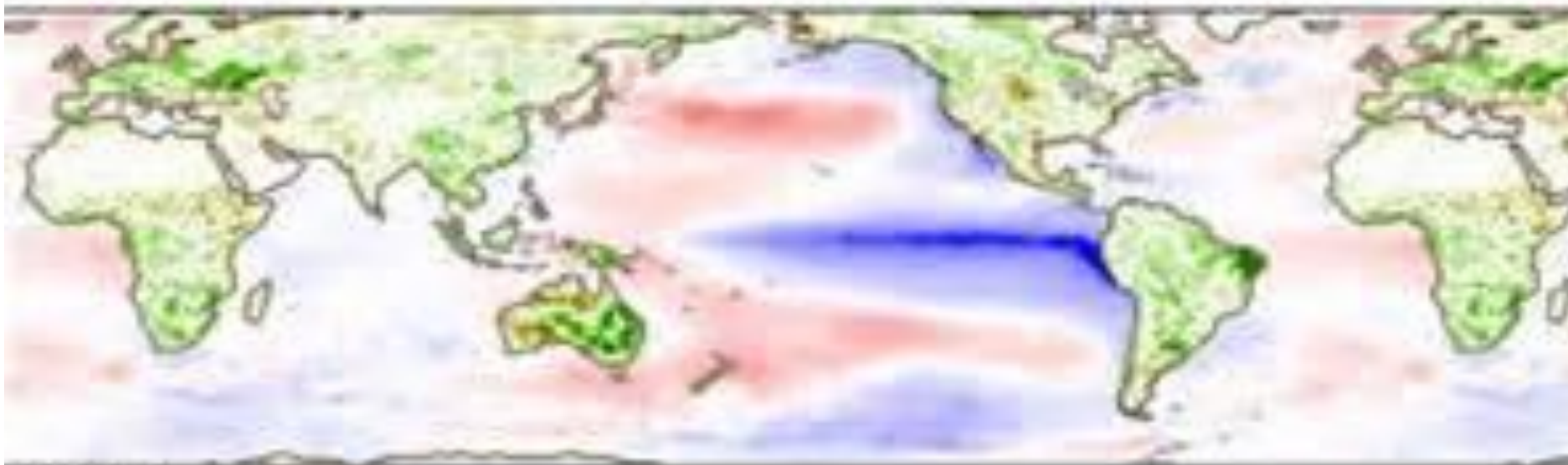


UN Agency El Nino advisory information

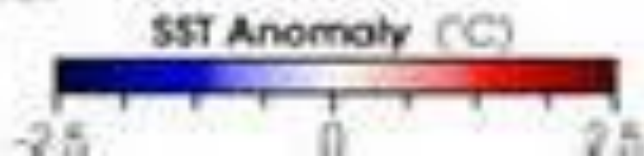


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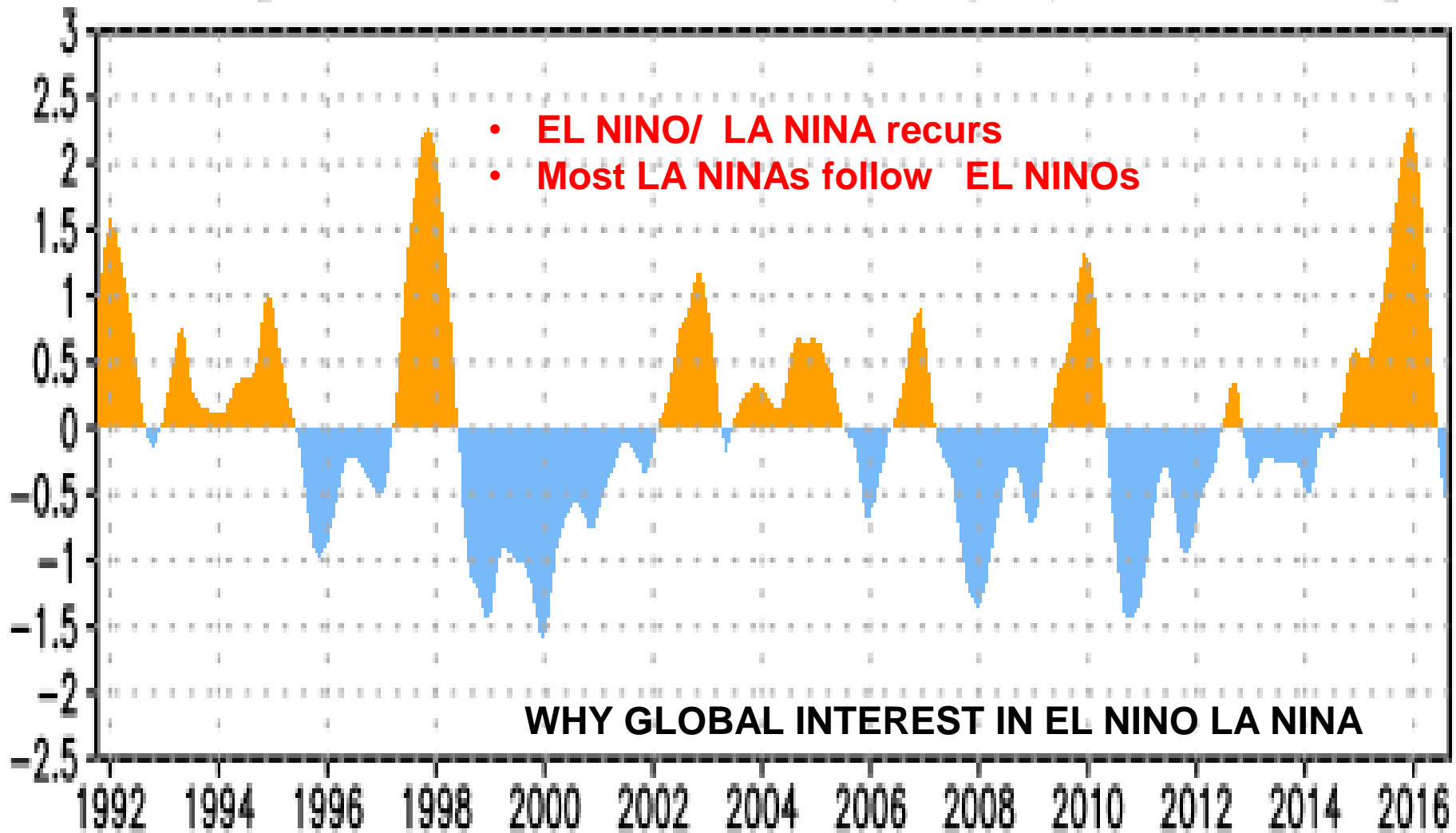
EL NINO VS LA NINA



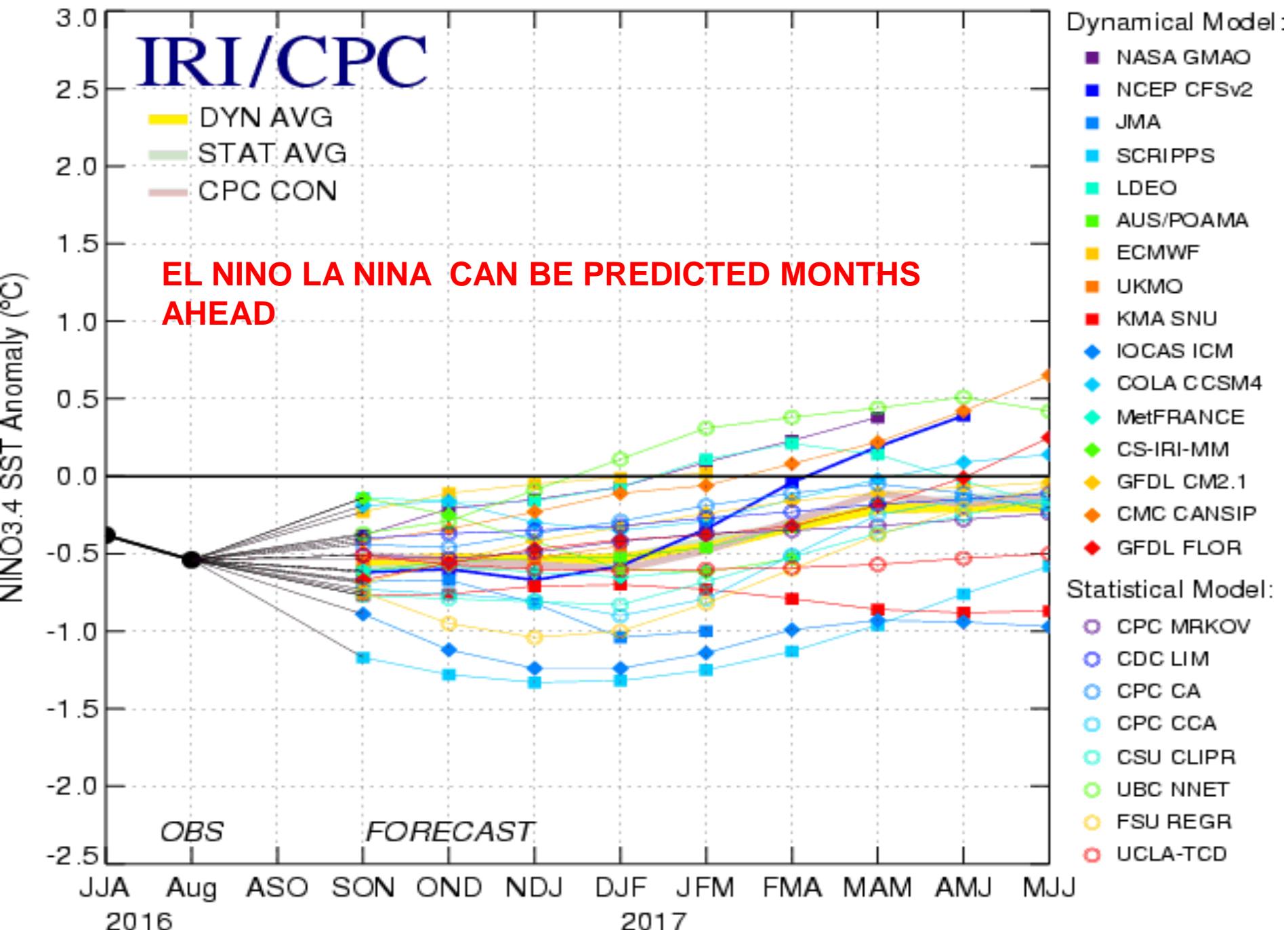
April 1989



ONI [3-mmm SST anomalies (deg C) in Nino 3.4]

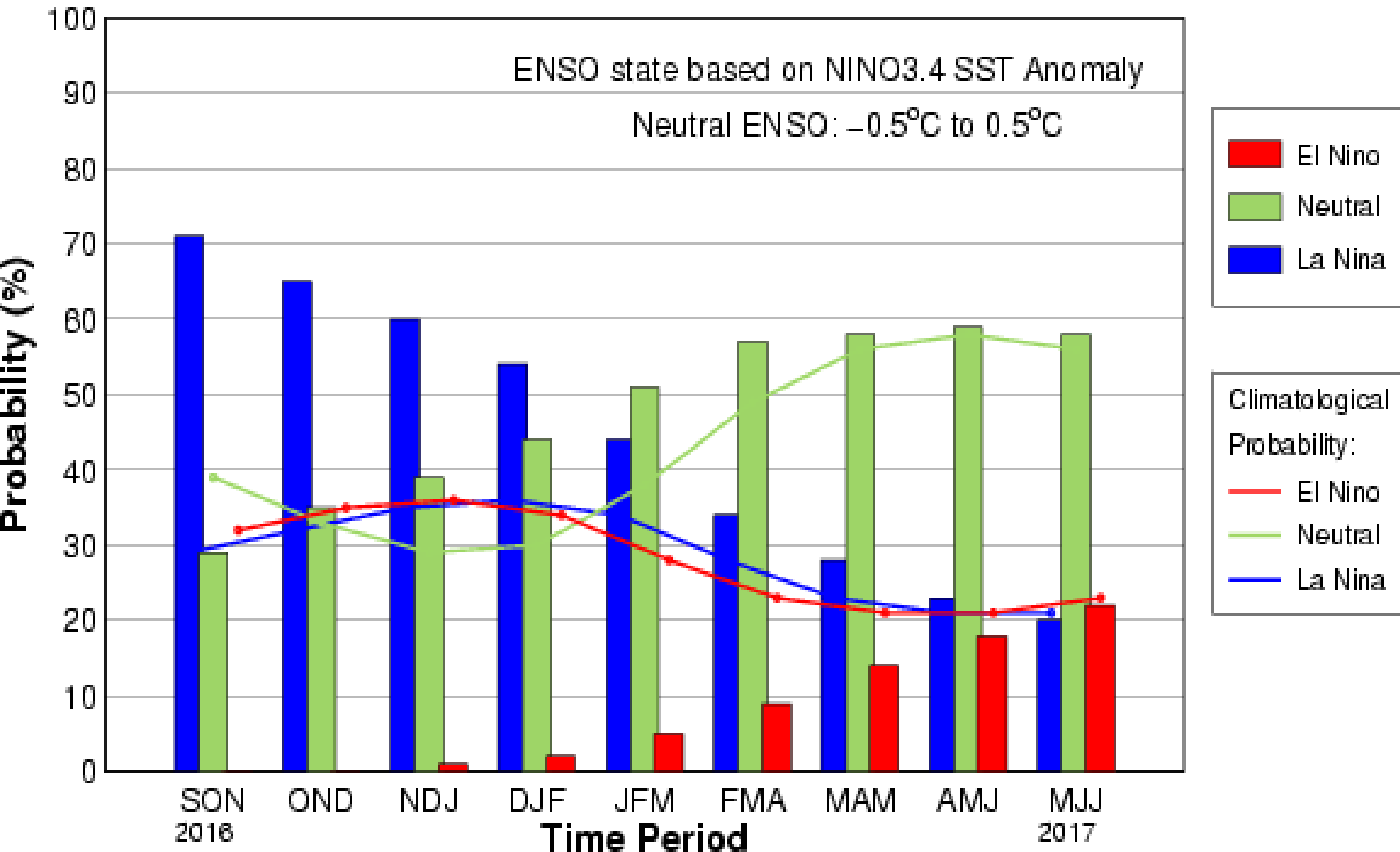


Mid-Sep 2016 Plume of Model ENSO Predictions

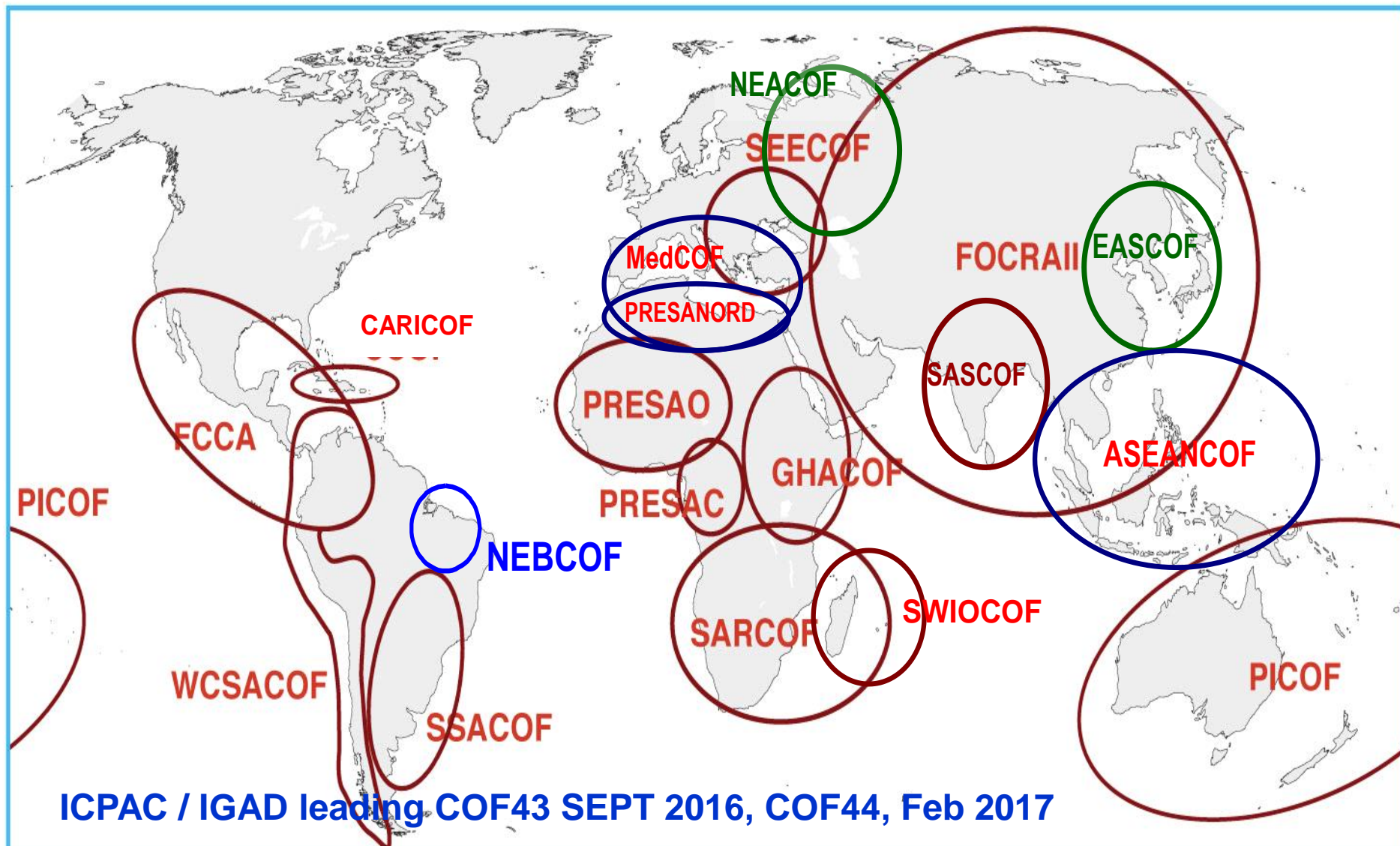


La Niña is favored to develop (~70% chance) during the Northern Hemisphere fall 2016 and slightly favored to persist (~55% chance) during winter 2016

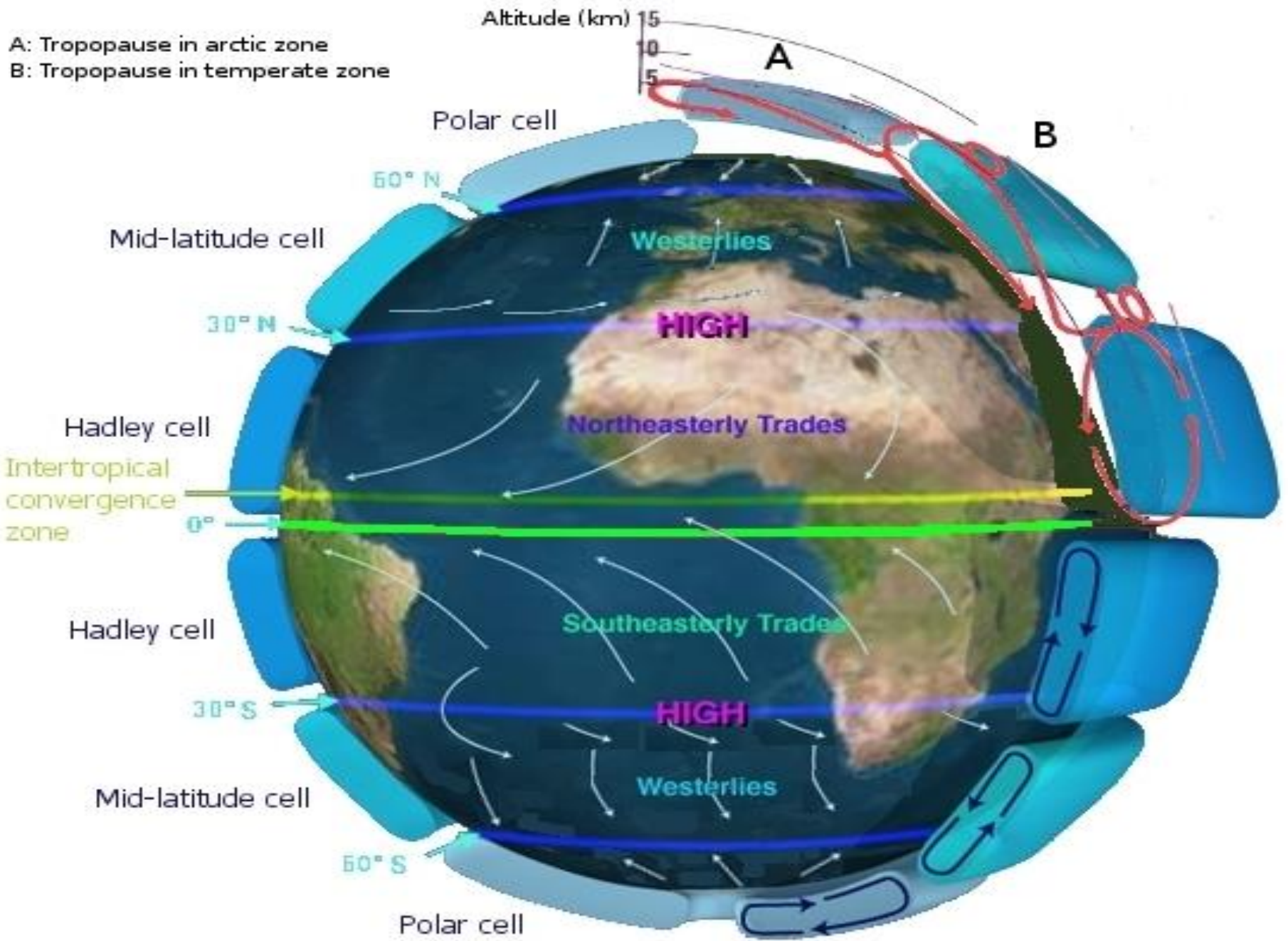
17. Early-Oct CPC/IRI Official Probabilistic ENSO Forecast



Global distribution of regional Climate Outlook Forums (RCOFs)



A: Tropopause in arctic zone
B: Tropopause in temperate zone



WHAT LINKS PACIFIC WITH WHOLE WORLD: *ATMOSPHERIC AND OCEAN MOTIONS*

Conclusion: Coordination of CS

- **Good coordination el Niño / la Nina early warning early warning information**
- **Weak integrated Coordination frameworks**
- **Lack of good regional/local knowledge leading to miss use of climate information: private providers**
 - **Roles of RCCs, NMHSs, GFCS, RCC, among other initiatives**
 - **Resilience based approaches with partners**
- **Need for High level information delivery**
e.g. State of regional/ local climate and implications, sector based new available in some RCCs eg ICPAC : integrated early warning bulletin, food security bulletin, conflict early warning, Climate change policy
- **Do not use el Niño information without NHSS, RCC support**