

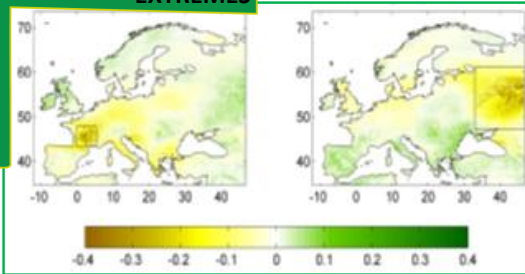
# Project

# QSECA

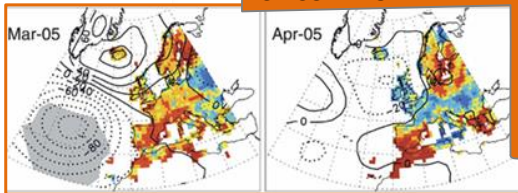
## Drought quantification and evolution on Iberian Peninsula: past, present and future

### Monday, June 22, 2015

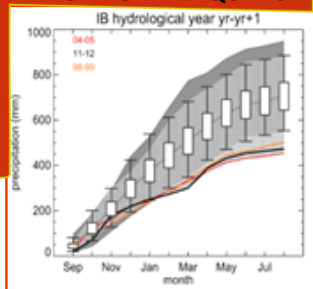
#### EXTREMES



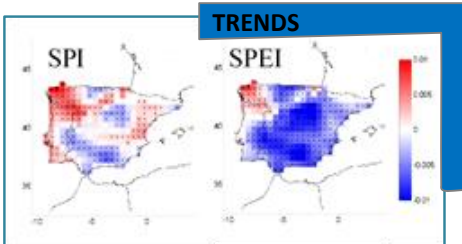
#### CIRCULATION



#### INCREASED FREQUENCY



#### TRENDS



This 1-day workshop will be devoted to present the results achieved within the QSECA project and, additionally, to disseminate new results from paleoclimate reconstruction and atmospheric sources of moisture (invited talks by Santiago Giralt –CSIC Spain- and Luis Gimeno – Vigo University)

This workshop is open to students and other researchers providing a good opportunity for the climate research community to start using this longer database. Preliminary results of drought assessment, characterization and impacts will be presented by researchers from the QSECA project.

# WORKSHOP





## Programme

- 10:00** Introduction to QSECA (scope, tools, applications) —  
**Célia Gouveia**
- 10:20** Recent major droughts in Iberia 2005 vs 2012 —  
**Ricardo Trigo**
- 10:40** A new ranking of drought events for Iberia —  
**Margarida Liberato**
- 11:00** The hidden drought component in the Iberian peninsula: evolution and drivers of the atmospheric evaporative demand — **Sergio Vicente-Serrano**
- 11:30** *Coffee Break*
- 12:00** Sensitivity of Iberian lakes sediments to large atmospheric circulation patterns — **Armand Hernandez**
- 12:20** The impact of droughts on tree growth — **Cathy Besson**
- 12:40** An Holocene perspective of droughts — **Santiago Giralt (CSIC, Barcelona, Invited)**

### Lunch break

- 14:30** Climate change scenarios with high resolution regional circulation models — **Pedro Soares**
- 14:50** An approach to the study of changes in moisture sources associated to major droughts — **Luis Gimeno (EPhysLab, Orense, Invited)**
- 15:20** The influence of Weather Types on Iberian droughts —  
**Ana Russo**
- 15:40** A longterm assessment of Iberian Drought Trends —  
**Patrícia Páscoa**
- 16:00** Seasonal drought predictability in Portugal using statistical–dynamical techniques— **Andreia Ribeiro**

**16:20** *Closure*

## Location:

Instituto Dom Luiz  
Sala José Pinto  
Peixoto (1.1.36)  
Faculdade de  
Ciências, Campo  
Grande, Lisboa

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# Join us!