

## **Effects of the "New Climate" warmed in North Africa and Western Mediterranean: the situation of recent meteorological droughts and floods**

Mohammed-Said Karrouk

University Hassan II, FLSH Ben M'Sick, Geography, LCEAT, Climatology Research Centre (CEREC), Casablanca, Morocco,  
(climdev.morocco@gmail.com)

Email: ClimDev.Morocco@GMail.Com, CEREC@UnivH2M.Ac.Ma

"New Climate" subjected to North Africa, Western Mediterranean and geoclimatic midlatitude space atmospheric effects of the new regime characterized by the supremacy of the meridian circulation (MAC: Meridian Atmospheric Circulation), by alternating cool conditions (humidity) heat (drought) along the year, and imposes situation of anxiety and perplexity vis-a-vis their socio-economic activities; shoved agricultural calendar, hesitant policymakers, uncertainty and waiting, ... etc.

The recent example of the fall-winter 2015-2016 is indicative of the conditions that have left a deep psychological imprint on economic and social Moroccans.

During this period, the summer heat has extended to the end of autumn and even winter. And precipitation contracted by more than 51% of accumulated rainfall autumn, compared with the same period a normal year. A slowdown in economic growth has been felt since last December and was extended until the rains return (and snow!) In mid February 2016.

Weather conditions during this period were marked by the succession and persistence of very active planetary peaks, projected to the northern borders of Western Europe (Heat Christmas 2015!), Rejecting the negative waves to the east: Algeria, Tunisia, Italy, the Balkans, Anatolia, and even the Middle East.

These conditions are the consequences of the "New Climate" warmed, strengthened by the strong El Niño event in 2015 decennial.

The identification of hemispheric and regional climate mechanisms of these atmospheric regime systems based on energy balance and atmospheric circulation will be defined, with links of cause and effect, in view of integrating these characters to extreme events in the New Climate Warmed.