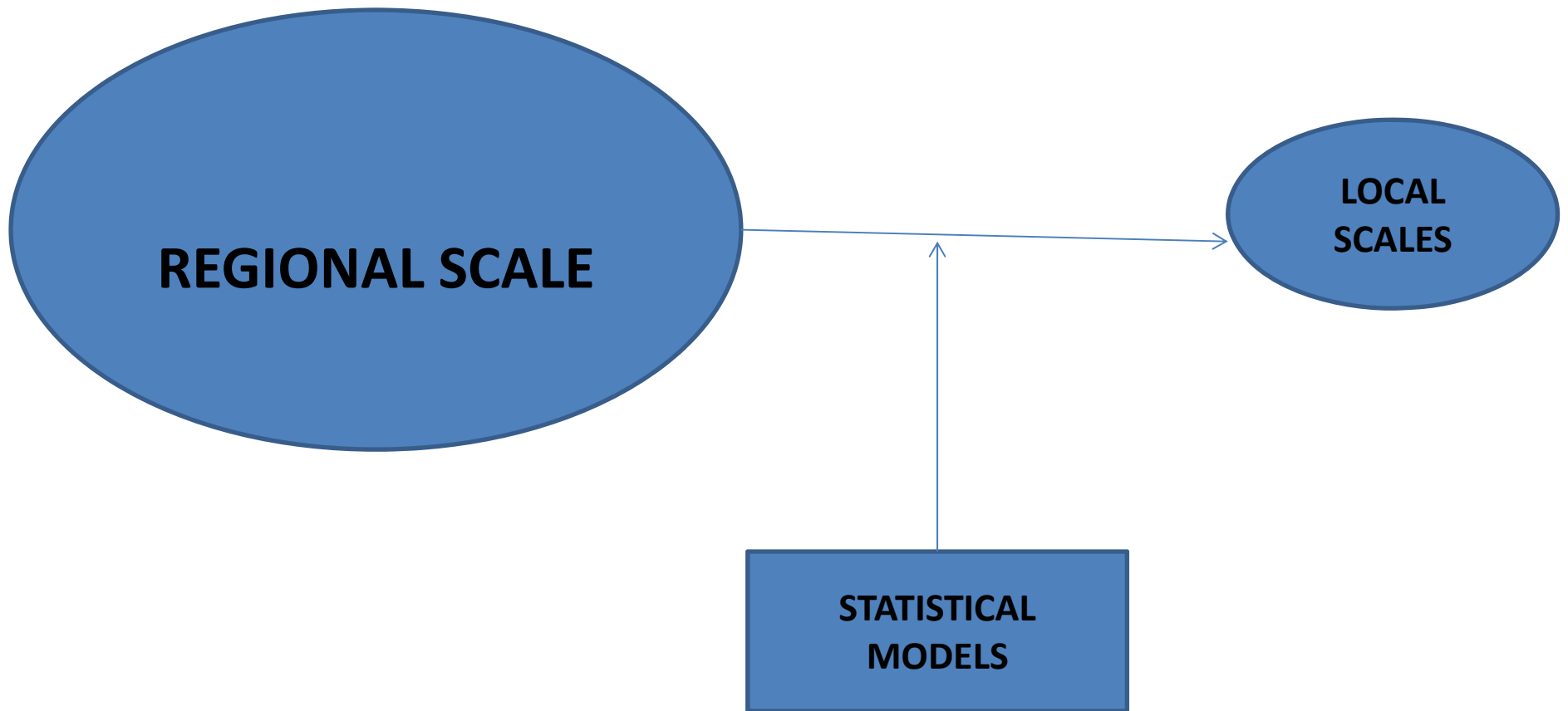


SAISONAL FORECAST CONTEXT IN COMOROS

ABIDA. Abdallah,
Direction de la Météo aux Comores/ANACM
« SWIOCOF »
Du 19 au 23 » September 2016
SEYCHELLES

Seychelles, 22th september 2016

Princip OF Downscaling



DOWNSCALLING METHOD

USER MODEL: CEP MODEL

USERS PARAMETRES: V_850_OND(meridians winds)

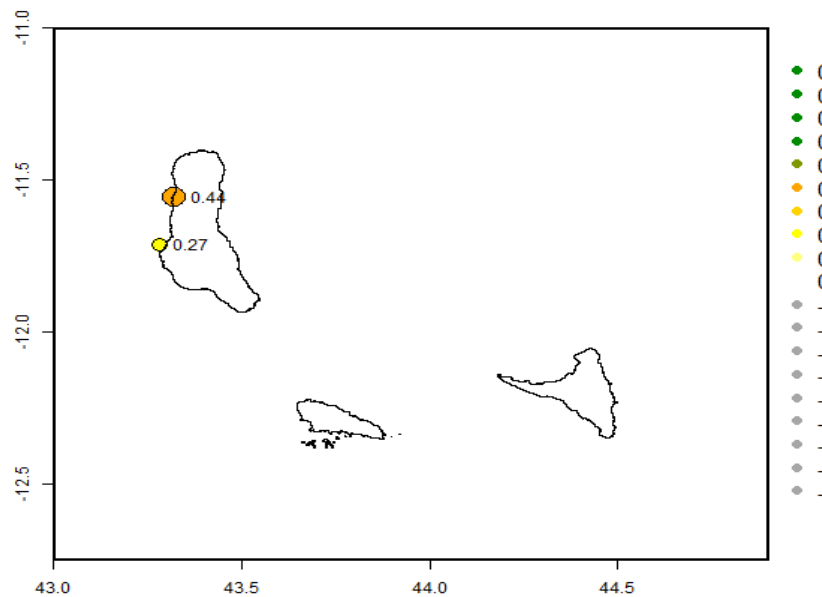
U_850_OND(zonals winds)

LOCAL PREDICT PARAMETER: PRECIPITATION(RR)

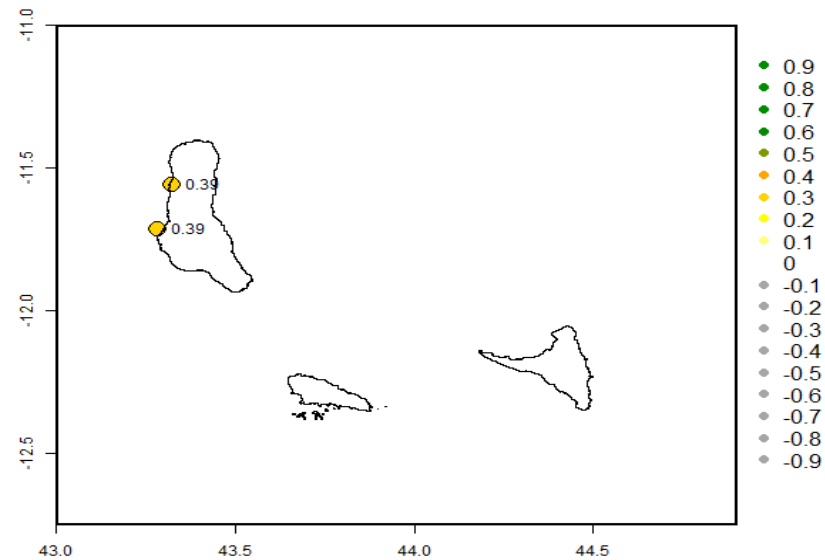
SAISONS OND and NDJ

CORRELATIONS

Correlation RR : obs / model (V850 OND)



Correlation RR : obs / model (U850 OND)

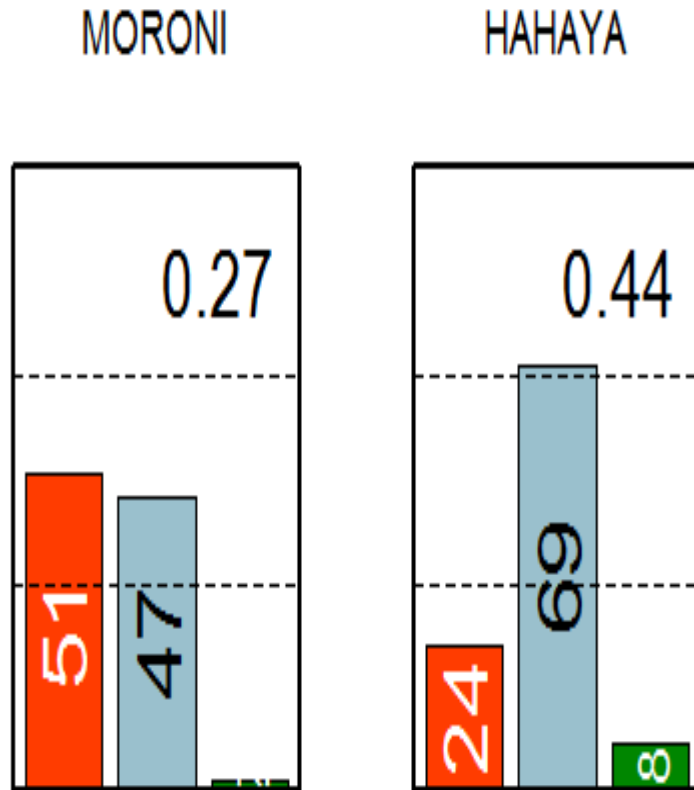


	<i>MORONI</i>	<i>HAHAYA</i>
<i>V_850_OND</i>	<i>0,27</i>	<i>0,44</i>
<i>U_850_OND</i>	<i>0,39</i>	<i>0,39</i>

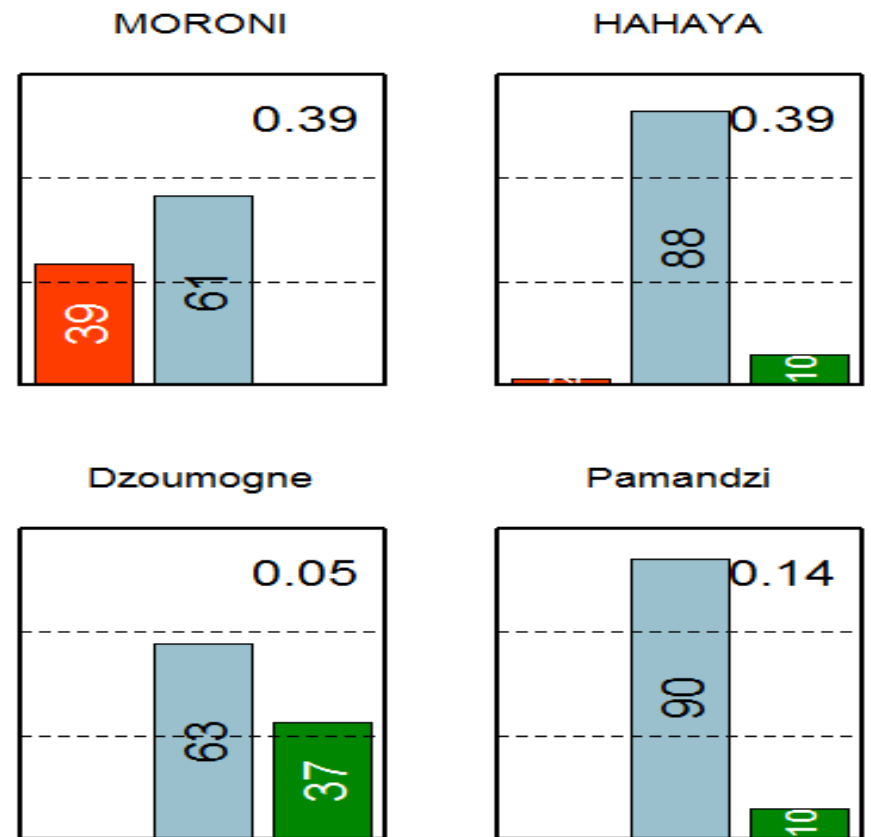
Resultats of forecast for 2 models

	<i>V_850_CEP_OND</i>			
	<i>ABOVE</i>	<i>NORMAL</i>	<i>BELOW</i>	<i>FORECAST</i>
<i>MORONI</i>	2%	47%	51%	<i>BELOW_NORMAL</i>
<i>HAHAYA</i>	8%	63%	24%	<i>NORMAL</i>
	<i>U_850_CEP_OND</i>			
	<i>ABOVE</i>	<i>NORMAL</i>	<i>BELOW</i>	<i>FORECAST</i>
<i>MORONI</i>	0%	61%	39%	<i>NORMAL</i>
<i>HAHAYA</i>	10%	88%	2%	<i>NORMAL</i>

V_850_OND



U_850_OND



CONCLUSION

- *With the zonal wind (U_850), the Comoros union in rainfall could be below or near normal for Moroni station and normal for Hahaya station;*
- *With southern winds (U_850), the rainfall could be normal for the two stations;*
- *The pre-forum enabled us to acquire the basics on other forecasting models other than CPT allowing our countries to implement this system of seasonal forecasts.*
- *We seek to WMO, Mété-France, IOC, ACMAD, strong support for Comoros is the same level as other IOC's countries in terms of seasonal through training and have software but also facilitate access to certain data for the next seasonal forecasts.*

THANK YOU

Seychelles le 22 septembre 2016