ALADIN THE GENIE OF WEATHER

ALADIN-Climat is the new meteorological tool for the Indian Ocean.

ALADIN-Climat is a model capable of offering climate simulations with a resolution of 12 km. It can simulate the intensity of tropical cyclones obtaining results that are very close to reality.

THE INDIAN OCEAN
A VULNERABLE REGION
NATURAL CATASTROPHES
FLOODS, TROPICAL CYCLONES

Our islands, our future

The BRIO project, using the ALADIN model, aims to develop high-resolution climate simulations that will describe the region’s climate from now until 2100. Specific data for the production of dedicated climate services will be available to users from climate-sensitive sectors (water, housing, health, energy, agriculture, fishing, tourism) on the website: www.regionalclimate-change.sc

Building tomorrow together

The Indian Ocean Commission (COI) is the only African regional organisation composed entirely of islands. The BRIO project (Building Resilience in the Indian Ocean) is implemented by Météo France and the COI, with the support of the French Development Agency (AFD) Adapt'Action facility.

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The capacity to quantify the uncertainties related to climate change is becoming increasingly important against the incumbent climate challenges (sea level rise, droughts, floods, cyclones, food security, etc.). The ALADIN model produces the first and only high-resolution climate simulations for the countries of the region.

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