

ISIMIP climatic scenarios 1981-2100 RCPs 4.5/8.5 for South America – EUROCLIMA-2 Agroclimatic database

Version	2017-1.0
Date Published	17/07/2017
Last Update	17/07/2017

PROPERTIES

Creator	MARS-AGRI4CAST
Publisher	MARS-AGRI4CAST
Description	The resource consists of the ISIMIP weather scenarios for the EUROCLIMA 2 project: (5 Models X 2 Rcp: 4.5/8.5). Ref.: Euroclima2 Scientific component Final Report, JRC Technical Reports (not yet available)
Technical Report	not yet available
Disclaimer	http://data-staging.jrc.it/licence/com_reuse
Grid Definition	http://agri4cast.jrc.ec.europa.eu/DataPortal/Resource_Files/SupportFiles/sam_isimip_grid.zip
Spatial Projection	WGS84
Grid Resolution	0.5 degrees
Temporal Resolution	Daily
Time Horizons Scenarios	2006-2099 (2005 for Hadley model)
Time Horizons Baseline	1981-2005 (2004 for Hadley model)
RCP Scenarios	4.5, 8.5
Global Circulation Model	Hadgem2,Ipsl,Miroc,Gfdl,Noresm1

DIMENSIONS

Period	From: 01/01/1981 - To: 31/12/2099
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Time Resolution

1 day

INDICATORS**Variables**

maximum air temperature (°C),
minimum air temperature (°C),
mean air temperature (°C),
mean daily wind speed at 10m (m/s),
sum of precipitation (mm/day),
total global radiation (KJ/m2/day),
Mean Relative Air Humidity (%),
Minimum Relative Air Humidity (%),
Maximum Relative Air Humidity (%),
Reference evapotranspiration (mm/day) FAO56