

Acronyms used in this report

AGCM	Atmospheric General Circulation Model
AR4	Assessment Report No.4 of IPCC
CCSR	Center for Climate Science Research, the University of Tokyo, Japan
CGCM	Coupled General Circulation Model
CMAP	CPC (Climate Prediction Center) Merged Analysis of Precipitation
DSİ	Devlet Su İşleri Genel Müdürlüğü (General Directorate of State Hydraulic Works)
EC	Electric Conductivity
ECMWF	European Centre for Medium-range Weather Forecasts
ERA15, ERA40	ECMWF Reanalysis for 15 years/40 years
ESSP	Earth System Science Partnership
ET	Evapotranspiration
FAO	Food and Agriculture Organization of the United Nations
GCM	General Circulation Model
GIS	Geographic Information System
IHDP	International Human Dimensions Programme on Global Environmental Change
ICARDA	International Center for Agricultural Research in the Dry Areas
ICCAP	Impact of Climate Changes on Agricultural Production System in Arid Areas
ICID	International Commission on Irrigation and Drainage
IMPAM	Irrigation Management Performance Assessment Model
IPCC	Inter-governmental Panel on Climate Change
IWMI	International Water Management Institute
LSIP	Lower Seyhan Irrigation Project
MRI	Meteorological Research Institute/Japan Meteorological Agency, Tsukuba, Japan
NCAR	National Center for Atmospheric Research (USA)
NCEP	National Centers for Environmental Prediction (USA)
RAMS	Regional Atmospheric Modeling System
RCM	Regional Climate Model
RIHN	Research Institute for Humanity and Nature, Kyoto, Japan
SAR	Sodium Adsorption Ratio
SiBUC	Simple Biosphere including Urban Canopy (Land Surface Model)
SRES	Special Report on Emission Scenarios
SWAP	Soil, Water, Atmosphere and Plant (Model)
TERC	The Terrestrial Environmental Research Center, University of Tsukuba, Japan
TRMM	Tropical Rainfall Measuring Mission
TÜBİTAK	Türkiye Bilimsel ve Teknolojik Araştırma Kurumu (The Scientific and Technological Research Council of Turkey)
WUA	Water Users Association