

GSL Acronym List - GSL Overview and Organizational Health Section

Acronym	Definition
ACTRIS	Aerosol, Clouds and Trace Gases Research Infrastructure
AFIS	Advanced Fire Information System
AI	Artificial Intelligence
AISES	American Indian Science and Engineering Society
AMS	American Meteorological Society
AMTRAK	National Railroad Passenger Corporation
ARM	Atmospheric Radiation Measurement - Dept. of Energy research program
BLDC	Boulder Laboratories Diversity Council
CCPP	Common Community Physics Package
CI	Cooperative Institute
CIRA	Cooperative Institute for Research in the Atmosphere (CIRA at Colorado State Univ.)
CIRES	Cooperative Institute for Research in Environmental Sciences (CIRES at Univ. of CO)
CRADA	Cooperative Research and Development Agreement
CSL	Chemical Sciences Laboratory
D&I	Diversity and Inclusion
DA	Data Assimilation
DDRF	Director's Discretionary Research Funds
DOC	Department of Commerce
DOE	U.S. Department of Energy
DSUP	Disaster Supplemental
EEOAC	Equal Employment Opportunity Advisory Committee
EPIC	Earth Prediction Innovation Center
ESRL	Earth System Research Laboratories
FAA	Federal Aviation Administration/U.S. Department of Transportation
FACETs	Forecasting a Continuum of Environmental Threats
FEMA	US Federal Emergency Management Agency
FFATs	Functional Forecast Assessment Tests
FIM	Flow-following finite-volume Icosahedral Model (experimental global model)
FSOI/EFSOI	Forecast Sensitivity and Observation Impact/Ensemble Forecast Sensitivity and Observation Impact
FV3	Finite Volume Cubed Sphere model
GC	Grand Challenge
GEFS	Global Ensemble Forecast System
GML	Global Monitoring Laboratory
GOES	Geostationary Operational Environmental Satellite
GPU	Graphics Processing Unit
HPC	Hydrometeorological Prediction Center (within NCEP)
HRRR	High-Resolution Rapid Refresh model
IDSS	Impact-based Decision Support Services
INSITE	Integrated Support for Impacted Air-Traffic Environments
Intel-MIC	Intel® Many Integrated Core Architecture
IT	Information Technology
JPSS	Joint Polar Satellite System Proving Ground

JTTI	Joint Technology Transfer Initiative
MADIS	Meteorological Assimilation Data Ingest System
MSU	Mississippi State University
NCAR	National Center for Atmospheric Research
NESDIS	National Environmental Satellite, Data & Information Services
NEVS	Network-Enabled Verification Service
NMFS	NOAA's National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NOS	NOAA's National Ocean Service
NWS	National Weather Service (NOAA)
OAR	Oceanic and Atmospheric Research (NOAA's research organization)
OCIO	NOAA's Office of the Chief Information Officer
ODIAC	OAR Diversity and Inclusion Advisory Council
OMAO	NOAA's Office of Marine and Aviation Operations
OSE	Observing System Experiment or Observation Sensitivity Experiment
PSL	Physical Sciences Laboratory
Q, R, P	Quality, Relevance, Performance
QOSAP	Quantitative Observing System Assessment Program
R&D	Research and Development
R2O	Research to Operations
RAP	Rapid Refresh model
RL	Research Level
RTVS	Real-time Verification System
RUC	Rapid Update Cycle model
STEM	Science, Technology, Engineering, and Math
UFS	Unified Forecast System
UFS R2O	Unified Forecast System - Research to Operations
USFS	U.S. Forest Service
VSE	VORTEX South East
WCRP	World Climate Research Program
WMO	World Meteorological Organization
WoF/WoFS	Warn-On Forecast/Warn-on-Forecast System – OAR research project
WRF	Weather Research and Forecasting model (community model system)