

DUST 2021

4th International Conference on Atmospheric Dust
HYBRID MEETING

Torre Cintola Conference Centre - Monopoli, Italy | 4-7 October, 2021

LIST OF SESSIONS

[Sessions \(atmodust.net\)](https://atmodust.net)

CM01 | IMPACT OF DUST ON TERRESTRIAL AND CRYOSPHERIC SYSTEMS:
DEPOSITION AND GEOCHEMISTRY

CM02 | INTERACTIONS BETWEEN DUSTS AND ATMOSPHERIC TRACE GASES:
IMPACT ON ATMOSPHERE AND DUST SURFACE PROPERTIES

GR01 | PALEODUST ARCHIVES: OBSERVATIONAL CONSTRAINTS ON THE
GLOBAL DUST CYCLE

GR02 | DUST AND SOILS IN ARID, SEMIARID AND MEDITERRANEAN REGIONS
OVER QUATERNARY TIME SCALES

HE01 | HEALTH IMPACTS OF ATMOSPHERIC DUST

HE02 | ATMOSPHERIC AEROSOL PARTICLES: MONITORING, NATURAL AND
ANTHROPOGENIC SOURCES IDENTIFICATION

HE03 | TRACE ELEMENTS IN ANTHROPOGENIC AND NATURAL DUST AND
THEIR INFLUENCE ON HUMAN HEALTH

HE04 | SPATIO-TEMPORAL MODELING FOR ATMOSPHERIC PARTICLES DATA

HE05 | APPLICATION OF ARTIFICIAL INTELLIGENCE TO ENVIRONMENTAL
ANALYSIS

HE06 | SDS IMPACTS ASSESSMENT (VULNERABILITY MAPPING AND RISK
ANALYSIS)

HE07 | METALS, AMBIENT PARTICULATE MATTER, AND HEALTH

HE09 | BIOMONITORING OF ATMOSPHERIC DEPOSITION OF COSMIC DUST

HE10 | DUST IN THE SEA - IMPACT ON BIOGEOCHEMISTRY AND CLIMATE

IM01 | IDENTIFICATION AND MONITORING OF ASH/DUST EVENTS FROM SPACE: ADVANCES AND FUTURE PERSPECTIVES

IM02 | HIGH RESOLUTION ACTIVE OPTICAL REMOTE SENSING OF DUST AEROSOL LAYERS

MF01 | MICROPHYSICAL, CHEMICAL AND OPTICAL PROPERTIES OF MINERAL DUST

MF02 | MULTIVARIATE ENVIRONMENTAL ANALYSIS

MF03 | MODELING FOR VECTORIAL DATA

MF04 | ATMOSPHERIC TRANSPORT AND MODIFICATION OF MINERAL DUST

MF05 | DISPERSAL OF VOLCANIC ASH IN THE ATMOSPHERE

MF06 | SAHARAN DUST

MF07 | ASIAN DUST

TD01 | DUST IN THE URBAN ENVIRONMENT

TD02 | DUST STORMS: DRIVERS, CHARACTERISTICS AND IMPACTS

UD01 | THE UNIVERSE OF DUST - OPEN SESSION

UD02 | MINERAL DUST AND ANTHROPOGENIC PARTICLES AS CARRIERS OF VIRUSES AND BACTERIA