

2nd INTERNATIONAL WORKSHOP ON SPACE GEOTECHNICS, REGOLITH, AND GRANULAR MATERIALS

**CALL FOR
ABSTRACTS**



BUILDING THE MOON: Geotechnical Investigation, Design, Construction, and Resource Utilization

INTERNATIONAL SCIENTIFIC AND TECHNICAL COMMITTEE

HONORARY CHAIR

**Ramesh B. Malla, Ph.D., F.ASCE, F.EMI,
A.F.AIAA**
University of Connecticut, Storrs, CT, U.S.A.
ramesh.malla@uconn.edu

CHAIR

Marta Miletić, Ph.D.
San Diego State University, San Diego, CA,
U.S.A.
mmiletic@sdsu.edu

CO-CHAIR

Douglas D. Cortes, Ph.D., P.E.
New Mexico State University, Las Cruces, NM,
U.S.A.
dcortes@nmsu.edu

CO-CHAIR

Mahdia Hattab, Ph.D.
Université de Lorraine, Metz, France
mahdia.hattab@univ-lorraine.fr

CO-CHAIR

Pooneh Maghoul, Ph.D., P.Eng.
Polytechnique Montréal, Montréal, QC, Canada
pooneh.maghoul@polymtl.ca

CO-CHAIR

Robert P. Mueller
NASA Kennedy Space Center - Swamp Works,
FL, U.S.A.
rob.mueller@nasa.gov

**Additional committee members will be
announced soon.**

**SUBMIT YOUR ABSTRACT BY
OCTOBER 15, 2026**

Instructions and submission portal:
<https://iwsgrgm2027.sdsu.edu>

Questions:
iwsgrgm2027@sdsu.edu

**SAN DIEGO STATE UNIVERSITY, SAN DIEGO, CA, U.S.A.
APRIL 19-23, 2027**

**CALL OPENS
AUGUST 17, 2026**

ORGANIZED BY

- American Society of Civil Engineers/Aerospace Division Space Engineering and Construction Technical Committee (ASCE/ASD-SEC TC), U.S.A.
- American Society of Civil Engineers/Engineering Mechanics Institute, Granular Materials Technical Committee (ASCE/EMI-GMTC), U.S.A.
- American Society of Civil Engineers/Geo-Institute, Sustainability in Geotechnical Engineering Technical Committee, U.S.A.
- International Research Network - Multi-Physics and Multi-Scale Couplings in Geo-Environmental Mechanics (IRN GeoMech/CNRS), France
- International Society for Soil Mechanics and Geotechnical Engineering - TC310 Space Geotechnics

DESCRIPTION

The 2nd International Workshop on Space Geotechnics, Regolith, and Granular Materials (IWSGRGM 2027) will be hosted by San Diego State University in San Diego, California, USA, from April 19–23, 2027. Under the theme “Building the Moon: Geotechnical Investigation, Design, Construction, and Resource Utilization,” the workshop will serve as an international engineering and scientific forum focused on understanding extraterrestrial regolith and developing the knowledge, technologies, and workforce needed for sustainable lunar and planetary surface operations.

Building on the inaugural workshop held in Metz, France, IWSGRGM 2027 is envisioned as a collaborative effort among the professional committees mentioned above. The workshop will bring together established researchers, early-career professionals, educators, students, and practitioners from academia, government agencies, and industry. The technical program will address following interconnected areas: site characterization, prospecting, and sensing; excavation, mobility, and regolith operations; space geotechnical engineering design, analysis, and construction; monitoring, maintenance, and long-term performance of lunar infrastructure; in-situ resource recovery and utilization; and cross-cutting challenges related to standards, education, and workforce development.

**SPONSORS: College of Engineering | Department of Civil, Construction, and Environmental Engineering, SDSU
** More coming**

SAN DIEGO



HOSTED BY

SDSU | San Diego State University