

**CSIR-CSIO**

*welcomes to*

## **International Workshop**

# **OBSERVING GROUND DEFORMATION FROM SPACE AND IN THE FIELD**

**Date:** December 16-19, 2024

**Location:** CSIR-Central Scientific Instruments Organization, Sector 30C, Chandigarh

**Registration Fee:** ₹1000 (additional ₹1000 for fieldwork)

### **Workshop Overview**

We invite researchers, professionals, and students to participate in an engaging workshop focused on the latest advancements in observing deformation from space and in the field. This workshop will feature expert lectures, paper/poster presentations, and a dedicated day of fieldwork.

### **Themes/Sessions**

• ***Surface Deformation from Space***

Learn about satellite methodologies for monitoring ground movements.

• ***Earthquake, Tectonics and Volcanoes***

Explore the connection between tectonic activity and earthquakes.

• ***Space Geodesy***

Learn about precise measurement techniques and their applications in geoscience.

• ***AI/ML and Data Processing***

Discover how AI and machine learning enhance geological data analysis.

• ***Rivers, Floods, GLOF, Climate change***

Explore the links between hydrological dynamics, climate change and community resilience.

### **Fieldwork Day**

Engage in hands-on learning from experienced professionals with a dedicated fieldwork day.

### **Call for Papers/Posters**

Present your research through paper and posters presentation! Showcase your work and engage with fellow participants.

### **Travel Grants**

Limited travel grants are available for students and early-career researchers. Apply early!

### **Contact Information**

For registration and inquiries, please contact:

**Tejpal Singh:** [tejpal@csio.res.in](mailto:tejpal@csio.res.in)

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**Nardeep Nain:** [nrdeepnn@gmail.com](mailto:nrdeepnn@gmail.com), 91-8559021431



We look forward to your participation in this exciting workshop! Enhance your knowledge and connect with the community in ground deformation research.

Scan or [CLICK HERE](#)

## International Workshop

# “OBSERVING GROUND DEFORMATION FROM SPACE AND IN THE FIELD”

16-19 December, 2024.

### Meet Our Experts

			
<p><b>Dr V M Tiwari</b> Director CSIR-NEIST, Jorhat. Former Director CSIR- NGRI, Hyderabad and Former Director NCESS Trivandrum</p>	<p><b>Dr O P Mishra</b> Director National Centre for Seismology (NCS) Advisor/Head of Seismology and Geosciences (SAGE), Ministry of Earth Sciences, Government of India</p>	<p><b>Prof Kusala Rajendran</b> Former Professor, Centre for Earth Sciences, Indian Institute of Science, Bengaluru</p>	<p><b>Prof C P Rajendran</b> Adjunct Professor, National Institute of Advanced Studies, Bengaluru</p>
			
<p><b>Dr Sudhir Kumar</b> Hydrogeologist GKW Consult GmbH. Former Director National Institute of Hydrology, Roorkee.</p>	<p><b>Dr Claudio De Luca</b> Researcher, CNR-IREA, Napoli.</p>	<p><b>Prof Cengiz Zabcı</b> Professor of Geology Istanbul Technical University, Istanbul.</p>	<p><b>Maj. Gen. Dr. B. Nagarajan</b> Visiting Professor National Centre for Geodesy, IIT Kanpur.</p>
			
<p><b>Arni S.R. Srinivasa Rao</b> Professor and Director Laboratory for Theory and Mathematical Modeling, Department of Mathematics, Augusta University, U.S.A.</p>	<p><b>Prof Riccardo Caputo</b> University of Ferrara, Ferrara, Italy</p>	<p><b>Prof Riccardo Lanari</b> Research Director, CNR-IREA, Napoli, Italy</p>	<p><b>Dr Giovanni Onorato</b> Researcher, CNR-IREA, Napoli, Italy</p>