



LSGI & RILS RESEARCH SEMINAR

Increasing the Visibility of the Geosciences: Some Ideas from a Geodesy Perspective

 **21 JUL 2025 (MON)**

 **3:00 - 4:00 PM**

 **Z414, POLYU**

 **ENGLISH**

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ABSTRACT

The International Union of Geodesy & Geophysics (IUGG) comprises eight Associations, covering different disciplines (cryosphere science, geomagnetism, geodesy, hydrology, meteorology, physical oceanography, seismology, and volcanology). The International Association of Geodesy (IAG) makes a significant contribution to all the Geosciences. Modern Geodesy uses advanced technologies for measuring the geometry of the Earth (including the use of GNSS), its orientation and rotation in space (in relation to stable reference frames), and its static and time-varying gravity field (using satellite gravity missions). The IAG operates several Services that are vital not only for science, but also support Geospatial and Navigation applications. This presentation will discuss some of the lessons that Geodesy can teach the other Geosciences with respect to increasing their visibility.

BIOGRAPHY

Chris Rizos is an Emeritus Professor at the School of Civil and Environmental Engineering, UNSW, Sydney, Australia. He graduated with a Surveying degree in 1975, and with a PhD in 1980, in the field of Satellite Geodesy, both from UNSW. Chris is President of the International Union of Geodesy & Geophysics (IUGG) 2023-2027. Chris's research interests are geodesy, surveying technologies and navigation concepts. In particular he has been researching the technology and applications of Global Navigation Satellite Systems (GNSS) for over three decades, and is a named author of over 650 journal and conference papers.

Moderator: Prof. Wu CHEN, Head of Department, LSGI

All are welcome! Please register now to join us on-site!

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