



Technical Seminar on:

References Frames in Practice

***Accra, Ghana
18-19 May 2024***

Venue: La Palm Royal Beach Hotel

The organisers, FIG, LISAG, GhIS, UN ICG, IAG, & IGS would like to thank and acknowledge the following sponsors for their generous support of this event:



PROGRAMME

Saturday 18 May 2023

9:00 – 9:15 Opening Remarks and Group Photo

Dr. Ryan Keenan, Chair, FIG Commission 5; TBD, FIG/Local Organizing Committee

9:15 – 10:15 Session 1: International Geodesy Initiatives

1) ICG at UN

Ms. Sharafat Gadimova, United Nations Office for Outer Space Affairs (Pre-Recorded)

2) International Association of Geodesy

Dr. Richard Gross, President, International Association of Geodesy

3) International GNSS Service

Ms. Allison Craddock, IGS Central Bureau Director (Pre-recorded)

4) United Nations – Global Geodetic Centre of Excellence

Mr. Nicholas Brown, UN-GGCE Head of Office

10:15 – 10:45 Break

10:45 – 12:30 Session 2: Introduction to Geodetic Reference Frame Theory

5) The Importance of Terrestrial Reference Frames to Science and Society

Dr. Richard Gross, President, International Association of Geodesy, USA

6) Dynamic Datums and Deformation Models

Dr. Chris Pearson, Trimble, University of Otago, New Zealand

7) On the trends for national vertical control

Mr. David Avalos, MSc, INEGI, Mexico

8) Geoid modeling around the world

Dr. Kevin Ahlgren, National Geodetic Survey, USA

12:30 – 14:00 Lunch

14:00 – 16:00 Session 3: Reference Frames in African Region

9) AFREF

Mr. Fernand Bale, Bureau National d'Études Techniques et de Développement, Cote D'Ivoire

10) ARABREF

Saad Al-Qahtani, GEOSA, Saudi Arabia

11) Spatially-aware healthcare provisioning/governance and the need for reliable reference frames

Dr. Augustus Aturinde, Kyambogo University, Uganda

12) CORS Monumentation

Mr. John Galetzka, National Geodetic Survey, USA (Pre-recorded)

Sunday 19 May 2023

9:00 – 10:00 Session 4: African Case Studies

13) South Africa

Mr. Aslam Parker, National Geospatial Information, South Africa

14) ITRF and Geodetic Reference Frames in Africa

Mr. Diogoye Diouf, Université Iba Der Thiam de Thiès, Senegal

15) Nigeria Geodetic Datum and Plans for Migration

Surv. Izuegbu, Ogochukwu Uju, Office of the Surveyor General of the Federation, Nigeria

16) Geodetic Datum of Kenya and Modernization

Ms. Rachael Umazi Gedion, Regional Centre for Mapping of Resources for Development, Kenya

10:00 – 10:30 Morning Break

10:30 – 11:30 Session 5: International Case Studies

17) Using NTV2 Files for Datum Transformations in Deforming Regions: The Cases of Bhutan and Chile

Dr. Rui Fernandes, University of Beira Interior, Portugal

18) Datum Transformation in a Highly Fragmented Geological Setting: Taiwan

Prof. Peter T.Y. Shih, National Yang Ming Chiao Tung University, Taiwan

19) New Zealand Case Study

Dr. Nic Donnelly, Land Information New Zealand, New Zealand (Pre-recorded)

11:30 – 13:00 Panel Discussion