

**MEETING BETWEEN NASA AND NASRDA ON COOPERATIVE AGREEMENT  
ON SPACE GEODESY AND GEOHAZARDS RESEARCH  
NOVEMBER 20, 2013**

## Agenda

9AM start in Building 34 room E115.

Welcome and Introductions. GSFC center welcome by Christyl Johnson, GSFC Deputy Director for Technology and Research.

Overview of Space Geodesy in Nigeria

- Prof. Dagogo M.J. Fubara - Opening Remarks – Consultant CGG/NASRDA
- Prof. S.O. Mohammed - Remarks by DG/CEO NASRDA
- T.A. Yakubu - Presentation by CGG Centre Director
- Dr. J. Dodo - Presentation by Head Space Geodetic Systems

Pearlman – GGOS and Core Sites (30 min)

- Discussion on Requirements and capabilities of a GGOS Core Geodetic Observatory at CCG, Toro, Nigeria (VLBI and SLR for NASRDA-CGG)

Merkowitz – NASA SG Network and plans for the future (30 min)

Gipson – Overview of GSFC role in VLBI (15 min)

- Discussion on VLBI training

Noll – CDDIS and other SG data centers (15 min)

- Discussion on Making CGG a data archiving/processing and analysis Centre training and development of Nigerian scientists & engineers in space geodetic technologies and analysis
- E-Library Establishment

Lemoine – Overview of Space Geodesy Science at GSFC (15 min)

Lunch

1:30 - Tour of JWST (30 min)

~2:15 - Tour of GGAO

- VLBI – Himwich
- NGSLR – Horvath
- MOB-7 - McCormick

## Participants:

### NASRDA:

- Seidu Mohammed - Director General and Chief Executive Officer, National Space Research and Development Agency, Obasanjo Space Centre.
- Tahir Yakubu - Centre Director and Chief Executive Officer, National Space Research and Development Agency, Centre for Geodesy and Geodynamics
- Joseph Dodo - Chief Scientist, National Space Research and Development Agency, Centre for Geodesy and Geodynamics
- Dagogo Fubara - Nigerian Coordinator Of NASA/NASDRA Agreement, Centre For Geodesy & Geodynamics

### NASA:

Stephen Merkowitz, Michael Pearlman, Carey Noll, John Gipson, Frank Lemoine, Jim Long, Lawrence Hilliard, Julie Horvath, David McCormick, Jaime Esper