

Memorandum of Understanding

Among

**The University of the Witwatersrand, Johannesburg,
South Africa**

And

**The College of Earth and Mineral Sciences of the Pennsylvania State University,
University Park, Pennsylvania, the United States of America**

And

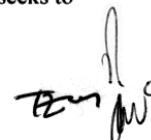
The Council for Geoscience, Pretoria, South Africa.

This Memorandum of Understanding between the University of the Witwatersrand, Johannesburg, (WITS), the College of Earth and Mineral Sciences of the Pennsylvania State University (COLLEGE) and The Council for Geoscience (CGS), collectively referred to as the FOUNDING PARTIES, is made and entered into on the date of the last signature hereto. The FOUNDING PARTIES commit themselves to develop the project called AfricaArray as agreed to in this Understanding.

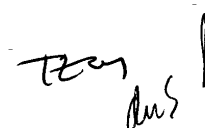
Further, participation in the multilateral cooperative programme is open to other interested parties, collectively referred to as the OTHER PARTIES, should they wish to join in the activities set forth in this Understanding, and provided they agree to and accept the aims and objectives of AfricaArray. OTHER PARTIES that wish to participate in the programme must apply for membership with the executive officers of AfricaArray. Their application must be accepted by a unanimous vote of the executive officers. Once the application has been approved OTHER PARTIES can join by signing ANNEXURE A attached to this Understanding.

Whereas WITS, the COLLEGE, and the CGS desire to engage in cooperative educational and research activities for the mutual benefit of all, the FOUNDING PARTIES agree as follows:

The FOUNDING PARTIES and any OTHER PARTIES that join this Understanding at a later date, shall jointly develop a multidisciplinary project called AfricaArray. The project seeks to

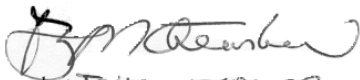
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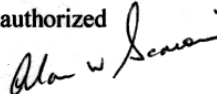
- establish a teaching and training platform in geophysics in Africa that will build on current existing capacity.
2. The objectives of AfricaArray are:
 - to maintain and further develop geophysical training programmes in Africa, in response to Industry, Government and University requirements, and in so doing contribute to human capacity development in the field of geophysics.
 - to promote geophysical research in Africa, and establish an Africa-to-Africa research support system.
 - to obtain data to effectively study fundamental crustal and mantle processes shaping the African Continent.
 - to establish observational networks across the continent through the installation of geophysical equipment in participating African countries.
 3. To fulfill the objectives of the project, activities may include visitor programmes, staff and student exchanges, “sandwich”-programmes in post graduate training, research collaboration and joint publishing.
 4. For each case of cooperation, participating parties shall prepare a detailed operational plan, setting out the obligations and responsibilities of each party, which will be established under a separate Memorandum of Agreement.
 5. Each party shall be responsible for seeking funds to support its involvement in the cooperative activities contemplated under this Understanding, and all such activities shall be dependent upon the budgetary appropriations of the parties.
 6. The activities developed as part of AfricaArray shall be in accordance with rules, legislation and regulations applicable to the parties.
 7. This Understanding shall be in effect for a period of five years from the date of last signature by FOUNDING PARTIES hereto, and may be renewed by written approval by FOUNDING PARTIES for additional periods of five years.
 8. OTHER PARTIES, that wish to join in the activities set forth in this Understanding, must apply for membership with the executive officers of AfricaArray. Their application must be accepted by a unanimous vote of the executive officers. Once the application has been approved OTHER

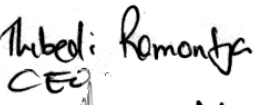
Handwritten signature in black ink, appearing to be 'TEON' with 'dus' written below it.

PARTIES can join by signing ANNEXURE A attached to this Understanding, which has been prepared for this purpose.

9. OTHER PARTIES that join this Understanding by signing ANNEXURE A after the date of last signature by FOUNDING PARTIES, agree to join up to the date as defined in clause 7, after which they may renew their participation by written approval for additional periods of five years.
10. Any of the parties may terminate this Understanding by giving ninety (90) days written notice to the other parties, provided such termination will not affect the completion of any activity underway at the time.
11. Amendments to this Understanding must be in writing and signed by all parties.
12. Any aspects not predicted in this Understanding shall be resolved by written agreement between all parties.


Signed at JOHANNESBURG on this th 25 day of ^{October} 2004 by THANDWA MTSEMBA on behalf
of the University of the Witwatersrand duly authorized thereto. DEPUTY VICE-CHANCELLOR

Signed at ^{University Park, PA} on this ^{November} 23 day of 2004 by Alan W. Scaroni on behalf
of the College of Earth and Mineral Sciences of the Pennsylvania State University duly authorized
thereto. 

Signed at ^{Pretoria} on this ^{November} 2nd day of 2004 by Thbedi Ramonfa on behalf
of the Council for Geoscience duly authorized thereto. 

ANNEXURE A

ANNEXURE A is part of the Memorandum of Understanding entered into between the FOUNDING PARTIES: the University of the Witwatersrand, Johannesburg, (WITS); the College of Earth and Mineral Sciences of the Pennsylvania State University (COLLEGE) and The Council for Geoscience (CGS). This Understanding has been entered into to develop the programme called AfricaArray.

The purpose of ANNEXURE A is to allow OTHER PARTIES that wish to join the activities set forth in the Understanding, to do so on an equal footing with the FOUNDING PARTIES.

Whereas the Undersigned, wishes to join in the activities set forth in the Memorandum of Understanding to which this ANNEXURE A is attached, and whereas the Undersigned desires to engage in cooperative educational and research activities for the mutual benefit of all parties to the Understanding, it is agreed as follows:

Undersigned agrees to and accepts the aims and objectives of the AfricaArray programme set forth in the Understanding between the FOUNDING PARTIES, and has a desire to engage in cooperative educational and research activities for the mutual benefit of all participating parties by helping to develop the AfricaArray programme.

Signed at..

on this. .day of 200.

By..

on behalf of..... duly authorized thereto.