

**NATIONAL SPACE RESEARCH AND DEVELOPMENT AGENCY
FEDERAL MINISTRY OF SCIENCE AND TECHNOLOGY**

The National Space Research and Development Agency (NASRDA) and its activity centers are currently expanding their technical strength to meet the 21st century's challenges in space applications, scientific discovery and aeronautics research. Consequently, the following technical positions are vacant:

1. Engineering and Space Systems

Position:

- a. Chief Engineer
- b. Assistant Chief Engineer
- c. Principal Engineer
- d. Engineers
- e. Technologists

Specialization:

-Electrical/Electronic Engineering, Computer Engineering, Mechanical Engineering, Metallurgical Engineering, Aerospace Engineering, and Chemical Engineering.

Qualification:

-Applicants for the position of Chief Engineer, Assistant Chief Engineer and Principal Engineer must possess:

- (i) Ph.D. from a recognised University in any of the following disciplines: Electrical/Electronic Engineering, Mechanical Engineering, Metallurgical Engineering, Aerospace Engineering.
- (ii) Bachelor of Science (B.Sc.) degree in Engineering from a recognised University with a first class or second class upper division.
- (iii) A minimum of 10 years cognate working experience.

-Applicants for the position of Engineer must possess:

- (i) Master of Science (M.Sc.) degree from a recognised University in any of the following disciplines Electrical/Electronic Engineering, Computer Engineering, Mechanical Engineering, and Chemical Engineering.
- (ii) Bachelor of Science (B.Sc.) degree in Engineering from a recognised

University with a first class or second class upper division.
(iii) A minimum of 3 years cognate working experience.

-Applicants for the position of Technologist must possess:

(i) Higher National Diploma (HND) from a recognised institution in any of the following fields: Electrical/Electronic Engineering, Mechanical Engineering, Aerospace Engineering and must pass at the distinction level or upper credit.

(ii) Shouldering Certification from European Space Agency.

(iii) A minimum of 5 years cognate working experience in a related reputable organization.

2. Space Applications and Remote Sensing Specializations and Positions:

2.1 Atmospheric Science: Assistant Director

2.2 Agricultural Science: Assistant Chief Scientific Officers, Principal Scientific Officers and Scientific Officers

2.3 Applied Metrology: Assistant Chief Scientific Officers

2.4 Environmental Science: Assistant Chief Scientific Officers, Principal Scientific Officers and Scientific Officers

2.5 Geodesy: Assistant Chief Scientific Officer

2.6 Climatology: Chief Scientific Officer

Requirements:

2.1 Applicants must possess Ph.D. in Atmospheric Science from a recognised

University with a minimum of 15 years cognate working experience.

2.2 Applicants for Assistant Chief Scientific Officer must possess Ph.D. in Agricultural Science from a recognised University with a minimum of 10 years cognate working experience. Applicants for Principal Scientific Officer must possess Ph.D. in Agricultural Science from a recognised University with a minimum of 8 years cognate working experience. Applicants for Scientific Officer must possess a Master's of Science (M.Sc.) Degree in Agricultural Science from a recognised University with a minimum of 3 years cognate working experience.

2.3 Applicants must possess Ph.D. in Applied Metrology from a recognised University with a minimum of 10 years cognate working experience.

2.4 Applicants for Chief Scientific Officer must possess Ph.D. in Environmental Science from a recognised University with a minimum of

- 12 years cognate working experience. Applicants for Principal Scientific Officer must possess Ph.D. in Environmental Science from a recognised University with a minimum of 8 years cognate working experience. Applicants for Scientific Officers must possess a Master's of Science (M.Sc.) Degree in Environmental Science from a recognised University with a minimum of 3 years cognate working experience.
- 2.5 Applicants must possess Ph.D. in Geodesy from a recognised University with a minimum of 10 years cognate working experience.
- 2.6 Applicants must possess Ph.D. in Climatology (with emphasis in Climate Change modeling) from a recognised University with a minimum of 10 years cognate working experience.

Additional Requirements:

Applicants must possess:

- (i) Bachelor of Science (B.Sc.) degree in the sciences from a recognised University with first class or second class upper division.
- (ii) Proficiency in Remote Sensing and Digital Image processing, Geographic Information Systems (GIS), Surveying, and Geoinformatics.

3. Information and Computer Technology

Positions:

- a) Asst. Chief Scientific Officer
- b) Principal Scientific Officer
- c) Senior Scientific Officer

Specialization

Computer Programmer/Software Developer, with experience in System Design and Development, and Geospatial Data Infrastructure.

Skills required

Proficiency in a combination of any of the following programming languages platforms/software packages:

ASP/ASP.NET, VB.NET, PHP, C#, C++, xml, Java, Perl, JSP, Oracle, SQL Server, MySQL, Linux, Unix, IT Networking and Enterprise GIS Development & Management.

Qualification

Applicants for the post of Assistant Chief Scientific Officer must possess:

- i. PhD. from a recognised University in Computer Science, Geoinformation Management Science or related field.
- ii. BSc (Hons) Degree in Computer Science/Geoinformation Management Science related field with a first class or second class upper division.
- iii. Professional Certifications & Membership will be a plus.
- iv. Proficiency in Remote Sensing and Digital Image Processing is a plus.
- v. A minimum of 10 years cognate working experience

Applicants for the post of Principal Scientific Officer must possess:

- i. PhD./MSc from a recognised University in Computer Science, Geoinformation Management Science or related field.
- ii. BSc (Hons) Degree in Computer Science/Geoinformation Management Science related field with a first class or second class upper division.
- iii. Professional Certifications & Membership will be a plus.
- iv. Proficiency in Remote Sensing and Digital Image Processing is a plus.
- v. A minimum of 8 years (with PhD) or 10 years (with MSc) cognate working experience.

Applicants for the post of Senior Scientific Officer must possess:

- i. MSc from a recognised University in Computer Science, Geoinformation Management Science or related field.

- ii. BSc (Hons) Degree in Computer Science/Geoinformation Management Science related field with a first class or second class upper division.
- iii. Professional Certifications & Membership will be a plus.
- iv. Proficiency in Remote Sensing and Digital Image Processing is a plus.
- v. A minimum of 5 years cognate working experience.

4 GENERAL REQUIREMENTS

- (i) Applicants must not be more than 40 years of age.
- (ii) Applicants must demonstrate excellent verbal and communication skills as well as self-management and inter-personal skills.
- (iii) Applicants must demonstrate research skills.
- (iv) Only Nigerians are encouraged to apply.

MODE OF APPLICATION

Interested candidates should send their current curriculum vitae and a one-page application letter to vacancy@nasrda.net no later than six weeks from the date of this advertisement. The position applied for should be stated in the title line of the application email. Only qualified candidates will be contacted.