

# NAPE ELECTIONS 2020/21



**OFFICER CANDIDATE FOR: EDITOR-IN-CHIEF (2020/2021)**

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➤ **CONTRIBUTIONS TO NAPE**

**Offices Held:**

- Editor-in-Chief, 2018 – 2020
- Chairman, Editorial Board/Technical Committee, 2018 - Present
- Member, Editorial Board/Technical Committee, 2015/2016 - Present
- Member, NAPE Conference CPC, 2016 - Present
- Co-ordinator, NAPE Pre-Conference Short Courses subcommittee, 2018
- Chairman, Electoral Committee, NAPE Young Professional Executive Elections, 2018
- Co-ordinator (Rep.), NAPE Summer School, August 2017
- Co-Chairman and Judge, Oral Session, NAPE Conference, 2017
- Chairman, Oral Presentation Software Team, Technical/Editorial Subcommittee, 2017
- Co-ordinator, Poster Session, Technical/Editorial Subcommittee, 2017
- Co-ordinator, NAPE-AAPG AR-Basin Evaluation Competition, 2017
- Volunteer Industry Mentor (VIM), AAPG African Region, Imperial Barrel Award, 2017/18
- Volunteer Industry Mentors (VIM), NAPE-AAPG AR-Basin Evaluation Competition, 2015/16

**Contributions:**

- Constitution of NAPE Editorial Board with members drawn from the Industry and academia
- Acquisition of authentic ISSNs for NAPE Bulletin
- Publication of two editions of the NAPE Bulletin (with the electronic copies online via NAPE website)
- NAPE AICE 2019 Book of Abstracts (printed via Digital Direct Imaging)
- Co-ordination of Oral and Poster presentations schedule with Session Chairs, Co-Chairs and Judges drawn from the industry and academia
- Publication of the NAPE Business Bulletin 2019
- First to introduce the NAPE Plagiarism Policy and subject all manuscripts to Plagiarism Check
- Indexing of NAPE Bulletin for direct visibility online and for impact factor rating (at advanced stage)
- Re-invented the NAPE Pre-Conference Field Trip and successfully supervised the executed in 2019
- Support the NAPE Continuing Education Programme and Short Courses
- NAPE/AAPG/SEG/EAGE Panel session, Cretaceous Basins in Nigeria session, Special/Lead Technical Papers.
- Developed a Standard Oral and Poster presentation templates
- Institutionalized E-Poster presentations on wide (65") TV Screens
- Set up NAPE YP IT Support Team

**\*EDUCATION**

<b>Schools/ Institutions Attended (beginning from most recent)</b>	<b>Dates Attended</b>	<b>Qualifications</b>
University of Port Harcourt	2015	Doctor of Philosophy (PhD), Petroleum Geology
University of Port Harcourt	2011	Master of Science (MSc) Degree, Petroleum Geology(Exploration Geophysics)
Nigerian Institute of Management	2007	Graduate Level Certificate in Management
University of Calabar	2005	Bachelor of Science (BSc) Degree, Geology

**\*PROFESSIONAL/WORK OF EXPERIENCE/HISTORY (beginning from most recent)**

<b>Dates:</b>	<b>Position:</b> Senior Geoscientist
<b>From:</b> 2020	<b>Company:</b> PetroVision Energy Nigeria, Victoria Island, Lagos
<b>To:</b> Date	<p><b>Experience:</b> Responsibilities include but not limited to the delivery of technical management, petroleum geoscience studies, interpretation and evaluation, training, business development, mentoring to other staff in the company, etc. Work in a team of geoscientists and engineers to carry out Seismic interpretation, prospect evaluation and reservoir modelling and de-risking studies, etc.</p> <p><b>Key Responsibilities:</b></p> <ul style="list-style-type: none"> <li>• Quality control and analysis of all geoscience input data</li> <li>• Well logs correlation and reservoir characterization</li> <li>• Domain conversion (velocity modelling, generation of synthetic seismogram, well- to-seismic tie)</li> <li>• Seismic interpretation (Fault and horizon interpretation)</li> <li>• Generation of time and depth structure maps and delineation of prospects</li> <li>• Seismic attribute extraction /analysis and DHI delineation</li> <li>• Quantitative seismic interpretation (AVO Analysis and Inversion) and integration of the inversion products from Litho-cube and Fluid-cube to interpretation and reservoir studies</li> <li>• Seismic stratigraphic interpretation, seismic sequence analysis, seismic facies analysis</li> <li>• Delineation of prospects and calculation of Gross Rock Volume for map-based hydrocarbon volume calculation</li> <li>• Structural modelling and Fault seal analysis</li> <li>• Build 3D Static Reservoir Models: structural modelling and property modelling viz: facies model, petrophysical models and volume calculations reserve evaluation, production forecast, and well planning</li> <li>• Uncertainty Analysis and Optimization: sensitivities and risk evaluation</li> <li>• Update reservoir model as new geoscience data and well data became available</li> <li>• Make technical presentations to clients and in professional conferences.</li> <li>• Technical supervision of Consultants engaged to carry out G&amp;G related responsibilities</li> <li>• Mentorship in G&amp;G related disciplines</li> </ul>

<b>Dates:</b>	<b>Position:</b> Senior Geoscientist/Geomodeller
<b>From:</b> 2014	<b>Company:</b> Sterling Oil Exploration and Energy Production Company, Lagos
<b>To:</b> 2020	<p><b>Experience:</b> Carried out detailed geological and geophysical studies to identify new prospects and plays with the aim of finding out/discovering new oil and gas pools for the company. In addition, integrate geophysical (primarily seismic interpretation) and geological studies/data to build 3D Static models. The company's core business includes oil and gas exploration, appraisal, development and production of OML-143, OML 146, OPL-2005, OPL-2006 OPL 2004 comprising, Okwuibome, Anieze, Ameshi, Akubo; Southern Kolo Creek, Enwhe South, technical and operating partner of NPDC's OML 13.</p> <p><b>Key Responsibilities:</b></p> <ul style="list-style-type: none"> <li>• Quality control and analysis of all geoscience input data used for reservoir studies</li> <li>• Seismic interpretation, attribute extraction/analysis and prospect evaluation</li> <li>• Quantitative seismic interpretation (AVO Analysis and Inversion) for reservoir properties</li> <li>• Seismic stratigraphic interpretation, seismic sequence analysis, seismic facies analysis</li> <li>• Well- to-seismic tie and time-to-depth conversion.</li> <li>• Generation of time and depth structure maps and delineate prospects</li> <li>• Well logs correlation using seismic and biostratigraphic data as control</li> <li>• Detailed sedimentological core description</li> <li>• Ichnological studies: trace fossil identification, description, classification and interpretation</li> <li>• Integration of detailed sedimentological core descriptions, biofacies information and ichnological studies to interpret depositional environments</li> <li>• Sequence stratigraphic analysis, build conceptual geological depositional model and delineate facies architecture</li> <li>• Delineation of prospects, calculate Gross Rock Volume and Area from seismic inputs for onward map based hydrocarbon calculation</li> <li>• Built 3D Static Reservoir Models: structural modelling and property modelling viz: facies model, petrophysical models and volume calculations reserve evaluation, production forecast, and well planning</li> <li>• Uncertainty Analysis and Optimization: sensitivities and risk evaluation</li> <li>• Updated reservoir model as new geoscience data and well data became available</li> <li>• Report compilation, Quality Control, make technical presentations to team and management</li> <li>• Made presentations of Geologic Work programme, Field Development Plan and Geological Well Proposal and Prognosis, budget sign-off with regulatory agencies (DPR and NAPIMS)</li> <li>• Synergized with team members and Senior Reservoir Engineers for reservoir simulation and well planning as well as the drilling team.</li> <li>• Cross discipline synergy with the subsurface teams and reservoir, drilling and facilities engineers</li> <li>• Documentation Secretary in Subsurface Operations meetings</li> <li>• Training Focal Point for company geoscientists, interns and Industrial Attachés.</li> <li>• Made technical presentations in conferences of professional bodies.</li> </ul>
<b>Dates:</b>	<b>Position:</b> Reservoir Geophysicist/Geomodeller
<b>From:</b> 2012	<b>Company:</b> Strata Search Nigeria Limited, Port Harcourt
<b>To:</b> 2014	<p><b>Experience:</b> Reservoir geoscientist in a team of geoscientists to carry out an Integrated Reservoir studies and Geomodelling, Regional Geological Services including Stratigraphic and Sedimentological Study for major IOCs example Agip's <b>OML 61</b>-Obiafu-Obrikom-Ogbogene fields, Niger Delta" to ascertain possibility of deeper prospects in the area (for NAOC). Project 1: Investigation of Spatial/Temporal Porosity Variation in (OML 90) Okan and Meji fields, Niger Delta (for CNL JV Western Asset Area) – Phase I. Project 2: Investigation of Spatial/Temporal Porosity Variation in (OML 83, 86, 88)</p>

	<p>Funiwa Deep- Akuku-Pennington-Oriri-Anyala fields, Niger Delta (CNLJV Western Asset Area)- Phase II</p> <p><b>Key Responsibilities:</b></p> <ul style="list-style-type: none"> <li>• Seismic interpretation (2D &amp;3D) and QC of already interpreted seismics</li> <li>• Well- to-seismic ties as well as time-to-depth conversion</li> <li>• Sedimentological core description and analysis as well as upload on WellCAD and AppleCORE software</li> <li>• Sequence Stratigraphic and seismo-sequence correlation of over 52 well in a panel across fields using biostratigraphic data as control and build Stratigraphic Models</li> <li>• Integration of ichnology and sedimentology in the interpretation of Depositional Environments and reservoir characterization</li> <li>• Determination of the effects of diagenesis and facies change on petrophysical properties of the reservoir rocks (from thin section, XRD, SEM) -- detailed Reservoir Studies</li> <li>• Built conceptual geological depositional Systems and delineate of facies architecture</li> <li>• Reservoir studies to determine heterogeneities and internal baffles/ barriers to flow.</li> <li>• Determined the effects of diagenesis and facies change on petrographic and petrophysical properties of the reservoir rocks</li> <li>• Built Structural framework and fault models using PETREL software</li> <li>• Built property model:- facies, petrophysical, bioturbation modelling) and volumetrics</li> <li>• Structural and stratigraphic analysis so as to determine tectonic evolution of the fields</li> <li>• Advised on best enhanced hydrocarbon recovery methods</li> <li>• Report compilation, quality control and submission</li> <li>• Made individual and team technical presentations to clients and at professional conferences</li> </ul>
<b>Dates:</b>	<b>Position:</b> Doctoral Research Geoscientist
<b>From:</b> 2011	<b>Company:</b> Shell Petroleum Development Company Nigeria
<b>To:</b> 2012	<p><b>Experience:</b> Worked in the Geological Service Department and Exploration (PG/PS) to carry our integrated Reservoir Studies of onshore and offshore fields in OMLs 17, 18, 21, 22, 23, 24, 29, 32 and gain hands-on training in-house and through Shell Open university. <b>Key Project:</b> <i>Integrated Reservoir Modeling: Effects of diagenesis (bioturbation) on Reservoir Quality, Niger Delta Petroleum Province</i></p> <p><b>Key Responsibilities</b></p> <ul style="list-style-type: none"> <li>• Detailed sedimentological core description of 2056ft cores [lithology, textures (grain size, shape, etc), colour, sorting, fissility, hydrocarbon shows, physical sedimentary Structure, lithofacies, lithofacies associations, and interpreted environment of deposition] selected from representative Shell fields in all the depobelts in the Niger Delta Petroleum province</li> <li>• Ichnological studies: trace fossil identification, description, classification and interpretation &amp; bioturbation intensity and affects</li> <li>• Uploaded the core description details of twelve fields on the on WellCAD/CoreCAD acquired for this regional studies</li> <li>• Innovated a standard template for integrated display of core descriptions on WELLCAD for SPDC, Warri</li> <li>• Initiate a standard static modelling workflow that integrates bioturbation modelling into 3D static modelling workflow</li> <li>• Introduced the Concept of bioturbation Modelling" by Upscaling the effects of bioturbation on reservoir properties into 3D static model for onward assessment of their impact on Hydrocarbon volume using PETREL Software; <i>presented in NAPE international conference and published.</i></li> <li>• Contributed to uncertainty management (close gaps) in reserve estimation (volumetrics) by quantifying the effects of bioturbation on reservoir properties</li> <li>• Made recommendations for the update of Shell Lithofacies Scheme for Niger Delta used for this</li> </ul>

	<p>regional studies</p> <ul style="list-style-type: none"> <li>• Petrophysics, Reservoir Characterization and Depositional Environments Interpretation</li> </ul> <p><b>Other inhouse training include:</b></p> <ul style="list-style-type: none"> <li>• Ichnology training (by Prof. S. G. Pemberton, University of Alberta, Canada on Shell Sponsorship)</li> <li>• Co-facilitator in Ichnological/Bioturbation hands-on two weeks Workshop for selected SPDC/SNEPCO Staff in Warri</li> <li>• Biostratigraphy: Micropaleontology, Palynology, Calcareous Nannoplankton, sample preparation , analysis, interpretation and Application</li> <li>• Sequence Stratigraphy: mapping of surfaces, correlation, interpretations</li> <li>• Sequence Stratigraphy, well Correlation, and 3D Static Reservoir Modeling (Deterministic and stochastic), Property Modeling, Bioturbation and Volume Calculation.</li> <li>• 3D Seismic Mapping/ Interpretation; Fault Mapping and Modeling, Seismic-to-Well tie</li> <li>• Data Management: Geological Data Base Management</li> <li>• Professional Software Training and applications: Petrel, 123Di, TechLOG, WellCAD, ArcGIS, Stratabugs</li> <li>• Training with Shell Open University viz: Health, Safety, Security and Environment including: Conflict of Interest Training, Code of Conduct Course in Workplace, Fountain Incidence Training, Swimming Test and Training, Fire Fighting and Safety (Life-Saving Rules and the Shell Golden Rule).</li> </ul>
<b>Dates:</b>	<b>Position:</b> Petroleum Geoscientist/Lecturer
<b>From:</b> 2010	<b>Company:</b> SLDTEK Drilling Fluid Engineering School and Drilling Operations
<b>To:</b> 2011	<p><b>Experience</b></p> <p>Taught Roughneck (Rig Floorman) candidates the following courses:</p> <ul style="list-style-type: none"> <li>• Reservoir Characterization and Geomodelling</li> <li>• Basic Drilling Fluid Engineering and Well control/Arithmetic for Rig Personnel</li> <li>• Introduction to the Oil and Gas Industry Operations and Drilling Rig Organogram</li> <li>• Basic Petroleum Technology and Special Drilling Operations (Directional Drilling and MWL/LWD), Mud Logging and petrophysics</li> <li>• Safety on the Rig /General HSE, Team Building Exercise and Fire Fighting Training</li> <li>• Rotary Drilling Rig and Components (Types of Drilling Rigs and operations), Line up choke manifold and stand pipe; String up and string down the block, Make trips as necessary and Shut-in of drill pipe, Lifting Operations,</li> <li>• Assisted in drilling and rig move operations and mud circulating equipment</li> <li>• Art of Maintenance: - good housekeeping, drill floor inventory control, lectured types of Maintenance (Preventive, Routine and Turn-around maintenance)</li> <li>• Continual Practical Training sessions on Rig Site.</li> </ul> <p>In the same vein, I leveraged on available in-house resources for capacity development as Assistant Driller.</p>
<b>Dates:</b>	<b>Position:</b> Geoscientist and Assistant Driller
<b>From:</b> 2007	<b>Company:</b> Fountain Drilling Services
<b>To:</b> 2009	<p><b>Experience:</b></p> <ul style="list-style-type: none"> <li>• Carried out Hydro-Geophysical Surveys [Electrical VES and HRP- (Offix and ABEM), EM, seismics],</li> <li>• Borehole design, drilling and construction, Borehole development,</li> <li>• Pump test/Well testing, Water Quality Analysis, Pump installation (Motorized and Hand Pumps), Plumbing/Reticulation of boreholes,</li> <li>• compilation of Water Borehole Completion Report for Ebonyi State Government, UNICEF, DFID,</li> </ul>

	<p>and Anambra Basin Authority and for World Bank Projects, WASH projects.</p> <ul style="list-style-type: none"> <li>• Secondee from Ebonyi State Rural Water Supply and Sanitation Agency being National Youth Service Corps Place of primary Assignment</li> </ul>
<b>Dates:</b>	<b>Position:</b> Geophysicist
<b>From:</b> 2006	<b>Company:</b> Ebonyi State Rural Water Supply & Sanitation Agency, Abakaliki, Ebonyi State (NYSC-PPA)
<b>To:</b> 2007	<p><b>Experience:</b> Carried out Hydro-Geophysical Surveys [Electrical VES and HRP- (Offix and ABEM), EM, seismics],</p> <ul style="list-style-type: none"> <li>• Borehole design, drilling and construction, Borehole development,</li> <li>• Pump test/Well testing, Water Quality Analysis, Pump installation (Motorized and Hand Pumps), Plumbing/Reticulation of boreholes,</li> <li>• compilation of Water Borehole Completion Report for Ebonyi State Government, UNICEF, DFID, and Anambra Basin Authority and for World Bank Projects, WASH projects.</li> <li>• Secondee from Ebonyi State Rural Water Supply and Sanitation Agency being National Youth Service Corps Place of primary Assignment</li> </ul>
<b>Dates:</b>	<b>Position:</b> Geophysicist/ Trainee Borehole Driller
<b>From:</b> 2005	<b>Company:</b> Kean Resources Nigeria Limited, Calabar
<b>To:</b> 2006	<p><b>Experience:</b></p> <ul style="list-style-type: none"> <li>• Carried out Hydro-Geophysical Surveys [Electrical VES and HRP],</li> <li>• Borehole design, drilling and construction, Borehole development,</li> <li>• Pump test/Well testing, Water Quality Analysis, Pump installation (Motorized and Hand Pumps), Plumbing/Reticulation of boreholes.</li> <li>• compilation of Water Borehole Completion Report for UNICEF, DFID, Cross River Basin Authority, NDDC projects.</li> </ul>
<b>Dates:</b>	<b>Position:</b> Geophysicist/ Trainee Borehole Driller
<b>From:</b> 2002	<b>Company:</b> Kean Resources Nigeria Limited, Calabar
<b>To:</b> 2002	<p><b>Experience:</b></p> <p>Went along with Chief Geologist to Borehole drilling sites for supervision of borehole drilling, well development, pump test, drilling cuttings description and writing of reports.</p>

## **DESIRE/PURPOSE TO SERVE NAPE IF ELECTED:**

My desire is to work diligently with subject matter experts drawn from the petroleum industry and institutions of higher learning to achieve the following in the Editorial Board/Technical Committee viz:-

- Call for abstracts, carry out peer-review of abstracts for NAPE AICE Technical session and publish NAPE conference Book of Abstracts and proceedings.
- Evaluation and grading of submitted abstracts in a view to select and reward best papers and posters during NAPE Conference.
- Source for technical papers, peer review and QA/QC of all technical contents of the **NAPE Bulletin** for regular publication and ensure all technical papers are uploaded on NAPE websites and other NAPE online platform on time.
- Yearly publication of **NAPE Business Bulletin**
- Supervise NAPE oral technical presentation software team
- Co-ordinate Poster session and ensured presenters are at their allotted poster presentation stands; collate scores with the judges during conference
- Prepare and publish harmonized **Conference Programme** for NAPE Annual International Conference and Exhibition.
- Ensure **NAPE Pre-conference Field Trip** in planned for and executed accordingly
- Ensure the creation of **Online Download option on our NAPE website** (paid download for non-members).
- Follow-up to ensure best quality print of NAPE Bulletin and all technical publications on **digitized CTP/direct imaging**.
- Work hand-in-hand with the President-Elect to co-ordinate monthly technical sessions.
- Set up **IT Support Group**: this will give opportunity to NAPE Young Professionals to be involved in the activities of NAPE Editorial Board.
- **Complete the on-going NAPE Bulletin Indexing with Elsevier SCOPUS that I initiated**, having just acquired authentic ISSNs for NAPE Bulletin, so that papers published in NAPE Bulletin will be visible and accessible online, and given international impact factor rating.
- Ensure the **production of NAPE Editorial /Technical Programme Policy Handbook**: that will capture all the rules, regulations, operational procedures, guidelines and technical awards for NAPE Editorial Board/Technical Programme Committee. The contents shall include the following:- the Editorial Board structure, Paper Submission guidelines, Plagiarism policy, Technical Paper (Oral and Poster) Review and Scoring criteria, NAPE Technical Paper/Poster Awards and Prizes, etc.
- Submit annual report of the Editorial Board activities to the Executive Committee.