

## Curriculum Vitae

<b>Personal information</b>	<b>OMEKEH Aruoture Voke</b>
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E-mail	aruoture.voke.omekeh@iris.no
Date of birth	03/11-1982
Nationality	Nigerian
Gender	Male
<b>Occupational field</b>	<b>Improved Oil Recovery</b>
	<ul style="list-style-type: none"><li>- Modelling/Simulation of IOR Effects</li><li>- Water chemistry</li><li>- Polymer and Surfactant flooding</li></ul>
<b>Work experience</b>	
2013>	Research Engineer, International Research Institute of Stavanger (IRIS)
2009-2012	PhD Fellow, International Research Institute of Stavanger (IRIS)
06-08/2008	Summer Intern, University of Stavanger, UiS
2006-2007	National Youth Service Corps (Nigeria)
05-12/2004	Internship, Chevron Nigeria Limited, Nigeria
05-08/2002	Internship, Shell Petroleum Development Company, Nigeria
<b>Education and training</b>	
2009-2012	PhD, Reservoir Engineering , University of Stavanger, UiS
2007-2009	MSc, Petroleum Engineering, University of Stavanger, UiS
2000-2005	B.Eng, Petroleum Engineering, University of Benin, Uniben, Nigeria
<b>Personal skills and competences</b>	
Mother tongue	<b>English</b>
Other language(s)	Verbally: Norwegian, Urhobo Writing: Norwegian

**Students supervised/co-supervised**

Currently Co-supervising a PhD Student  
National IOR Center, University of Stavanger , Norway

**Professional membership**

Society of Petroleum Engineers, Society of Core Analysts

**Publications**

**CONFERENCES**

Hiorth, A.  
Sagen, J.  
Lohne, A.  
Nossen, J.  
Omekeh, A.V.  
Stavland, A.  
Haukås, J.  
Sira, T.

**IORSim - an add on tool to ECLIPSE for simulating IOR processes Sodium Silicate gelation and reservoir flow modification**

Distribution restriction: Open  
IOR NORWAY 2016, April 25-27, Stavanger, Norway  
Published by: IRIS

Fjelde, I.  
Omekeh, A.V.  
Minde, M.W.

**Removal of mud components from reservoir sandstone rocks**

Distribution restriction: Open  
International Symposium of the Society of Core Analysts, St. John's Newfoundland and Labrador, Canada, 16-21 August, 2015  
Published by: The Society of Core Analysts, www.scaweb.org/

Fjelde, I.  
Omekeh, A.V.  
Sokama-Neuyam, Y.A.

**Low Salinity Water Flooding: Effect of Crude Oil Composition**

Distribution restriction: Open  
2014 SPE Symposium on Improved Oil Recovery, April 12-16, 2014, Tulsa, United States of America, SPE-169090-MS.  
Published by: SPE, www.spe.org

Fjelde, I.  
Åsen, S.M.  
Omekeh, A.V.  
Polanska, A.

**SPE-164920-MS: Secondary and Tertiary Low Salinity Water Floods: Experimenta and Modelling (2013)**

Distribution restriction: Confidential  
EAGE Annual Conference & Exhibition incorporating SPE Europec, June 10-13, 2013, London, United Kingdom, SPE-164920-MS  
Published by: Eage, www.eage.org

Fjelde, I.  
Åsen, S.M.  
Omekeh, A.V.

**Low salinity water flooding experiments and interpretation by simulations**

Distribution restriction: Open  
SPE Symposium on Improved Oil Recovery, April 14–18, 2012, Tulsa, United States of America, SPE-154142-PP  
Published by: SPE, www.spe.org

Omekeh, A.V.  
Friis, H.A.  
Fjelde, I.  
Evje, S.

**Modeling of Ion-Exchange and Solubility in Low Salinity Water flooding**

Distribution restriction: Open  
SPE Symposium on Improved Oil Recovery, April 14–18, 2012, Tulsa, United States of America, SPE 154144-PP  
Published by: SPE, www.spe.org

Omekeh, A.V.  
Evje, S.  
Fjelde, I.  
Friis, H.A.

**Experimental and modeling investigation of ion exchange during low salinity water flooding (2011)**

Distribution restriction: Confidential  
International Symposium of the Society of Core Analysts, September 18-21, 2011, Austin, Texas, USA. SCA2011-038  
Published by: SCA, www.scaweb.org

Omekeh, A.V.  
Evje, S.  
Friis, H.A.

**Experimental and modelling investigation of ion exchange during low salinity waterflooding**

Distribution restriction: Open  
International Symposium of the Society of Core Analysts, September 18-21, 2011, Austin, Texas, USA  
Published by: IRIS

- Omekeh, A.V.  
Fjelde, I.  
Polanska, A.  
Evje, S.  
Hiorth, A.
- Interaction between minerals and brines during low salinity water flooding: Experiments and simulations**  
Distribution restriction: Open  
11th International Symposium on Reservoir Wettability, September 6-9, University of Calgary, AB, Canada  
Published by: IRIS
- ARTICLE**
- Omekeh, A.V.  
Friis, H.A.  
Evje, S.  
Fjelde, I.
- A MODEL FOR LOW SALINITY FLOODING EXPERIMENTS: DISSOLUTION AND ION EXCHANGE**  
Distribution restriction: Open  
Journal of Porous Media, 18 (3): 189–213 (2015)  
Published by: Journal of Porous Media, 10.1615/JPorMedia.v18.i3.20
- Omekeh, A.V.  
Evje, S.  
Friis, H.A.
- Modeling of Low Salinity Effects in Sandstone Oil Reservoirs** (2013)  
Distribution restriction: Confidential  
International Journal of Numerical Analysis and Modeling, Series B, Vol. 1, No.1, p1-18, 2013  
Published by: Institute of Scientific Computing and Information, <https://iscr.llnl.gov>
- REPORTS**
- Fjelde, I.  
Jolma, I.W.  
Omekeh, A.V.
- Surfactant flooding in fractured chalk reservoirs** (2015)  
Distribution restriction: Confidential  
Published by:
- Fjelde, I.  
Omekeh, A.V.  
Jolma, I.W.
- Wettability study Gohta PL 492 license** (2015)  
Distribution restriction: Confidential  
Published by: IRIS
- Fjelde, I.  
Omekeh, A.V.  
Jolma, I.W.
- Wettability study Alta PL 609 license** (2015)  
Distribution restriction: Confidential  
Published by: IRIS
- Stavland, A.  
Jonsbråten, H.C.  
Omekeh, A.V.  
Strand, D.
- Planning for in-depth diversion using Sodium Silicate** (2015)  
Distribution restriction: Confidential  
Published by: IRIS
- Stavland, A.  
Strand, D.  
Åsen, S.M.  
Berland, H.  
Omekeh, A.V.
- The use of HPAM-based associative polymers for EOR polymer flooding** (2015)  
Distribution restriction: Confidential  
Published by: IRIS
- Omekeh, A.V.  
Fjelde, I.
- Skarfjell: Evaluation of measured rock properties** (2014)  
Distribution restriction: Confidential  
Published by: IRIS
- Omekeh, A.V.
- ISP Water flooding of sandstone reservoirs by Desulphated Seawater** (2013)  
Distribution restriction: Confidential  
Published by: IRIS
- Omekeh, A.V.  
Fjelde, I.
- LSWF Evaluation of cation exchange** (2012)  
Distribution restriction: Confidential  
Published by: IRIS