Dr. Peter Okoh
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Competence/interests:

- Reliability, Availability, Maintainability, and Safety (RAMS) Analysis
- RAMS engineering and management
- Maintenance theory and concepts
- Computerized maintenance
- Maintenance indicators
- Maintenance optimization
- Asset management
- Major accident risk
- Monitoring accident risk
- Risk analysis/Risk modelling
- Human and Organizational factors influence on risk

Professional career and education:

Current	• **2016-** Researcher at Norwegian University of Science and Technology (NTNU)
Past	• **2011-2015:** PhD Candidate at NTNU • **2010-2014:** Consultant at Norwegian Society of Maintenance • **2009-2009:** Summer Intern at SINTEF • **2007-2008:** Project Inspector at Gaslink (now Oando Gas and Power) Nigeria Ltd • **2006-2006:** Project Engineer at Kohasa Engineering Company Ltd • **2006-2006:** Project Engineer at Jevant Spencer International Company Ltd • **2004-2005:** Consultant at ODK International Services Ltd • **2003-2004:** Rigging at Oilserv Ltd • **2000-2002:** Safety/Site Engineer at Gramen Petroserve Ltd • **1998-1999:** Site Supervisor at Loense International Ltd
Education	• **Ph.D.** Reliability, Availability, Maintainability and Safety • **M.Sc.** Reliability, Availability, Maintainability and Safety • **B.Eng.** Mechanical Engineering

Publications

Maintenance of petroleum process plant systems as a source of major accidents?, Journal of Loss Prevention in the Process Industries, 2016; Volume 40, Pages 348-356.

AMMP: A new maintenance management model based on ISO 55000, Infrastructure Asset Management, 2016; DOI: 10.1680/jinam.14.00042.

Maintenance Strategies for Major Accident Prevention. Doctoral thesis at The Norwegian University of Science and Technology (NTNU), 2015; ISBN 978-82-471-4196-0, ISBN 978-82-471-4197-7

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Application of Inherent Safety to Maintenance-related Major Accident Prevention on Offshore Installations. Chemical Engineering Transactions, 2014 ;Volume 36, Pages 175-180, DOI: 10.3303/CET 1436030

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The Influence of Maintenance on Some Selected Major Accidents. Chemical Engineering Transactions, 2013; Volume 31, Pages 493-498, DOI: 10.3303/CET1331083

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5S Made Easy: Seiri, Seiton, Seiso, Seiketsu, Shitsuke. An illustrative guide for quick understanding, Lysaker, Norway: Norwegian Society of Maintenance, 2011.

Survey on Maintenance Standards and Standards related to Reliability, Safety and Quality, Lysaker, Norway: Norwegian Society of Maintenance, 2011.