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## Interview with Eng. Adel Al-Kharafi, Immediate Past President of WFEO

Eng. Adel Al-Kharafi, is from Kuwait. He is the Immediate Past President of World Federation of Engineering Organization.

**E-Newsletter:** Sir, what are the challenges facing engineering in the world?

**Eng. Adel:** The problem is, there are more than one section. There are three sections, engineering education, modernization of life and the needs in the world. These sections



Eng. Adel Al-Kharafi

need new majors; that is, sub majors from the existing ones. Like civil engineering, is good to go now to maintenance or the green buildings or high tech buildings. I think that educational sector should start to develop itself to go parallel with the development in the world and work homogenously with the environment. The other section, politically, the engineers are to solve the problems but the politicians are not giving them that chance. That is why problems are growing more and more because the engineers cannot control the decision to solve problems.

**E-Newsletter:** You talked of education which implies that you are talking about the new generation. What should the new generation of engineers expect in engineering looking at the current trend?

**Eng. Adel:** The new generation have to go to the new departments. For example, there is industrial engineer and there is architecture engineer which use to be architect and there is electronics with different sections. I think they should be encouraged to start going to these new departments and I think it is best we *start with them from their last year in high school.* 

**E-Newsletter:** In your opinion, are there steps already in place to implement educational infrastructure to accommodate these new departments?

**Eng. Adel:** In Europe, it is different. The system is too fast. I am talking about the developing countries. In Europe they are the ones who created these departments. They have modernized all of their universities and have different categories of degrees. Some are engineers, some are technical engineers. I think in Europe, there was a summit in Italy, which talked about "No More Need for Civil Engineers" and I gave a speech at that time which is "civil engineers now is more than five new majors". I think the problem is not faced only by Europe. It is something that people really need to understand and start implementing.

**E-Newsletter:** Thank you sir.



National Executive Committee of the Nigerian Society of Engineers at the last meeting held in Abuja on 10th October 2013:

Front Row Left—Right:

Engr. Chief Giandomenico Massari FNSE, Engr. Mrs. Aisha Umar, Engr. Mrs. Valerie Agberagba FNSE, Engr. Ademola Olorunfemi FNSE (Deputy President), Engr. M. B. Shehu FNSE (President), Engr. A. O. Ajibola FNSE, Engr. Otis Anyaeji FNSE, Engr. Adekunle Mokuolu FNSE.

Back Row Left—Right:

Engr. Charles Akintola FNSE, Engr. Abbas Ishiola, Engr. Margret Oguntala FNSE, Engr. A. K. Amshi FNSE (Executive Secretary) and Engr. Ezekwesili Onah FNSE.



World Engineering Conference on Sustainable Infrastructure, 2nd - 7th November 2014, Abuja-Nigeria.

**Theme:** Development of Sustainable Infrastructure in Africa http://www.wecsi2014.org





## National Engineering Games Cycling Competition . Saturday 19th October 2013 at Old GRA, Port Harcourt.



L-R: Engr. A. Olu (Engineering Games Chairman), Engr. Adekunle Mokuolu (rep. NSE President) Engr. Chief Oruye & Engr. Prof. Hart



NSE Officials and the 1st, 2nd & 3rd winners in the different categories in a group photograph.



Cyclists at the starting point during the National Engineering Games 2013 cycling competition. Engr. Ovens (3rd from left)



Engr. Adekunle Mokuolu presenting the 1st price in the Fellow/Corporate Male Category to Engr. Chief G. Massari





The Nigerian Society of Engineers Port Harcourt Branch in collaboration with Shell Petroleum Development Company (SPDC) and Nigerian Content Development & Monitoring Board (NCDMB) held a Nigerian Content Workshop on Monday 14th—Wednesday 16th October 2013 at the branch secretariat. The theme of the workshop is "The Nigerian Content, Its Benefit, Implementation and Challenges".



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## NOTICE! NOTICE!! NOTICE!!!

All members of NSE PH should pay their Annual Branch Dues of N4,500 for Corporate Members and N6,500 for Fellows to UBA ACC. NO: 1000183629 (Port Harcourt Main Branch). Also pay National Annual Subscription of N9,000.00 for Corporate Members & N11,000 for Fellows directly to Main Street Bank ACC No. 6500374224 & forward all tellers to the secretariat for reconciliation. All payments should be made at the Bank