



Embassy Science Fellowship, ConGen Lagos, Nigeria

Oil Spill Prevention, Response and Remediation 2022

Virtual Attendance: by Microsoft Teams

Wednesday, July 27 (3pm-5pm WAT):

- Crude Oil Behavior and Modeling (oceanography aspects of fate and transport). *NOAA*
- Coastal Marine Shoreline Cleanup and Assessment Technique (SCAT). *NOAA*

Wednesday, August 3 (3pm -5pm WAT):

- Situational Control, Inland Oil Spill Response Framework *EPA*

Wednesday, August 10 (3pm - 5pm WAT):

- Inland fresh-water SCAT *EPA*
- Case Study: 20,000 bbl Crude Oil Spill Response, Michigan, USA *EPA*

Wednesday, August 17 (3pm -5pm WAT):

- Environmental Sampling, Technical and legal considerations *EPA*
- Case Study: Hydrochloric Acid spill to wildlife refuge, Minnesota, USA *EPA*

Wednesday, August 24 (3pm – 5pm WAT):

- Public health and safety; oil and chemical fumes, air monitoring considerations *EPA*
- Case Study: Petroleum Refinery Fire, emergency response, Wisconsin, USA *EPA*

Wednesday, September 7 (3pm to 5pm WAT):

Information Exchange Part I

- Offshore and Inland Oil Spill Response. *Shell Petroleum Development Company*
- Facility/Operator Preparedness and gaps *Clean Nigeria Associates*
- Off -Shore and Coastal concerns on Response *NOSDRA*
- Case Study, Bonga Oil Spill, 2011 *NOSDRA*

Wednesday, September 14 (3pm to 5pm WAT):

Information Exchange Part II

- Off-shore and Coastal oil Facility/Operator Preparedness *BSEE*
- Off-Shore and Coastal oil Facility/Operator Response and Tactics *USCG*
- Case Study: 3,900 bbl crude oil release, Illinois, USA *EPA*

Wednesday, September 21 (3pm to 5pm WAT):

- Petroleum Remediation Refresher Course; *EPA/ERT*
- Light Non-Aqueous Phase Liquid (LNAPL) cleanup, Site closure criteria