

World Congress on  
**BIOPOLYMERS AND BIOPLASTICS**  
&  
World Congress and Expo on  
**RECYCLING**

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**The role of science in developing enhanced oil & gas resources, being environmentally sound & protecting water use**

- Global transformation with fossil fuel as primary source which have an effect on GDP, export/import changes, and global effects on pricing
- History of evolution of oil and gas production in the United States
- Global development: European Community, India, China, Brazil, Chile, Argentina and Mexico all have proven reserves
- All time high extraction of tight natural gas and oil being environmentally sound and protecting domestic water supplies
- Hydraulic fracking below potable water supplies
- Drilling Diagrams – Vertical and Horizontal, Proper Casing
- Record pace of pipeline construction to supply refineries & terminal ports
- Pronounced effect on GDP
- Natural gas treatment, delivery, from source to energy deficient countries exported as LNG
- Cost subsidies and economic pricing of oil and gas extraction, hydropower, coal, nuclear, wind, and solar. Cost of power by region
- There are no “Dry Holes” and more attributes of highly advanced geological technology
- The Major Producers of Oil and Gas Extraction Currently are the United States followed by Russia and Saudi Arabia with the Price of Brent Crude in the Range of \$70 dollars per BBL (2018), Other Proven Reserves in the World Plan to Develop Production, Such as Chile and Argentina, China, Canada, Mexico and Norway (off shore). Moreover, Countries with a Sound GDP Will be Importing Oil and Gas as the Most Cost Effective Way, Namely from Cost Competition in the International Market. This Presentation Includes Areas of Proven Crude, which will be Competitively Prices Free on Board to Energy Deficit Countries, with the Free Market Pricing.

**Biography**

Davis Ford is a practicing environmental engineer with over fifty years of experience in the field. In addition he serves on the faculty at The University of Texas at Austin as an Adjunct Professor and a Visiting Professor of Petroleum Engineering at Texas Tech University. He has published hundreds of technical papers, has co-authored or contributed to ten textbooks, written several biographies, and also co-authored a children’s book. Dr. Ford lectures extensively throughout the United States, Europe, South America, and Asia. Dr. Ford received his bachelor’s degree in Civil Engineering at Texas A&M University and his master’s and doctorate degrees in Environmental Engineering from The University of Texas at Austin. He is a Distinguished Engineering Graduate of both Texas A&M University and The University of Texas as well as a Distinguished Alumnus of Texas A&M. Dr. Ford was elected to The National Academy of Engineers (affiliated with the National Academy of Science and the National Academy of Medicine) in 1997. In 2005, he was inducted into The Academy of Medicine, Engineering, and Science at Texas. He is an Eagle Scout. He resides in Austin, Texas, with his wife of more than fifty years, his three daughters close by, and ten grandchildren - nine boys and one girl.

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