

Sustainable Energy for an Expanding Global Population

Location: Your Computer Offering # 1002-701 Priority Code: 520

WHO SHOULD ATTEND

This FREE online webinar will benefit professionals in the following industries: Energy Production and Development, Conventional and Alternative Fuels Processing, Renewable Energy Production Industries, and Academia/Government Fuels and Biofuels Laboratories.

Job functions that would benefit from the online program include: Process Engineers (Chemical and Mechanical), Fuels and Energy Specialists, Process Energy Auditors, Process and Technical Services Managers, Alternative and Renewable Energy Specialists. Additionally, engineers, scientists and technicians who work in departments such as: Research and Development, Commercial Development, Process Evaluation and Design, Manufacturing, Operations in industries such as fuel production, transformation and utilization will benefit from this training.

LEARNING OBJECTIVES

Upon completion of this webinar, you will be able to:

- List and understand the major differences between the various energy sources and the promise of sustainable energy
- Evaluate specific process options for the application of sustainable energy
- Estimate the environmental and economic implications of sustainable energy

COURSE DESCRIPTION

The National Science Foundation identifies sustainable energy sources as those that have significantly lower greenhouse gas emissions and that are affordable, safe, and available locally in sufficient quantity. In this FREE 60 minute webinar, options for sustainable energy utilization are discussed with regard to the current state of the technology, the opportunities for future development and the potential environmental and economic impact. This analysis will be mindful of the UN estimate of a tripling of the world population over the next century along with an increased per capita energy demand.

Following this Webinar join us for a 6-part Accredited Online Series on specific renewable energies and sustainable energy solutions.

Solar Energy—Capturing and Utilizing Sunlight	2/24/2010	ID# 2352
Catch the Wind—Current and Future Utilization of Wind Power	3/31/2010	ID# 2353
Recovering Energy from the Earth— Geothermal and Oceanic Thermal Processes	4/28/2010	ID# 2354
Recovering Energy from Flowing Water— Hydroelectric, Tidal and Wave Technologies	5/26/2010	ID# 2355
Current Applications and Future Potential of Biofuels	6/30/2010	ID# 2328
Systems Approach to Sustainable Energy Solutions	7/28/2010	ID# 2356

COURSE DIRECTOR

Jerry Maffia joined Widener University in the fall of 1992 as Chairman of the Department of Chemical Engineering, after twenty years as a principal process engineer and manager in the petrochemicals industry, mostly with Atlantic Richfield, Inc... He retired in 2006 and is now Professor Emeritus of Chemical Engineering at Widener University and Adjunct Professor of Chemical and Biological Engineering at Drexel University. Prof. Maffia is an active consultant in chemical and bio-based processes, and is an associate of several consulting firms. He has offered short courses and training seminars on process engineering and related topics at industrial and academic sites around the world. Prof. Maffia has degrees from Dartmouth College (DE), NYU (MBA), and Manhattan College (BE, ME). He is the holder of six patents with another pending and has supervised forty graduate theses.

HOW TO REGISTER

To Register for this FREE Webinar go to www.cfpa.com. Enter **Course Offering #1002-701** into **Quick Jump**. Use **Priority Code: 520**.

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