

Health and Climate Benefits of Renewable Energy and Energy Efficiency: Evidence from the United States

A special lecture by

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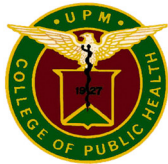
*in celebration of the 50th Anniversary
of the Southeast Asian Ministers of Education Organization
Tropical Medicine and Public Health Network (SEAMEO-Tropmed)*

Thursday, March 10, 2016
9:00 am – 12:00 nn
CPH Auditorium, College of Public Health
University of the Philippines Manila

ORGANIZERS

Department of Environmental and Occupational Health,
College of Public Health, University of the Philippines Manila
*(SEAMEO-Tropmed Regional Centre for Public Health,
Hospital Administration, Environmental and Occupational Health)*

Healthy Energy Initiative,
Health Care Without Harm-Asia



ABSTRACT

Today, in response to climate change, once described by the medical journal *The Lancet* as the “biggest global health threat of the 21st century,” there is a growing global movement calling for a global shift to renewable energy as an alternative to power generation from coal and other fossil fuels. The environmental case for cleaner renewable energy has long been articulated, while market forces are beginning to provide the economic conditions that will help boost its widespread adoption. However, little has been discussed about the health dimensions of our energy choices. Recent evidence has shown that shifting to renewable energy will also reap enormous health benefits, such as significant reductions in cardiovascular and respiratory diseases. This lecture will present latest research from the United States on the climate and health benefits of renewable energy as well as energy efficiency measures, and emphasize on the importance of assessing the health impacts of energy policies and projects. It will be followed with a discussion on how the public health case can be used alongside environmental and economic arguments in advocating for the much-needed transition to renewable energy – both for a healthier society and a more stable climate.



ABOUT THE SPEAKER

Jonathan Buonocore Sc.D. is the Program Leader for Climate, Energy, and Health of the Center for Health and the Global Environment of the Harvard T.H. Chan School of Public Health. His research interests are in evaluating the impacts, benefits, and tradeoffs of technology and policy choices in energy, transportation, agricultural practices, and climate change mitigation and adaptation. To assist in these evaluations, Jonathan develops tools that incorporate environmental risk assessment, life cycle assessment, and environmental economics with the goal of placing health, climate, environmental, and other outcomes into a framework to aid decision-making.

Presently, Jonathan is doing research in Harvard to examine the health and environmental risks of hydraulic fracturing in Pennsylvania’s Marcellus Shale, and to estimate the health impacts of particulate exposure due to fires in Indonesia, including particulate matter that crosses international boundaries. Jonathan holds a Doctor of Science and a Master of Science in Industrial Hygiene from Harvard T.H. Chan School of Public Health, and a Bachelor of Science in Environmental Science and Policy from Clarkson University.

PROGRAMME

9:00 – 9:30	Registration	
9:30 – 9:35	Moment of Silence Philippine National Anthem	
9:35 – 9:40	Welcome Remarks	Prof. Romeo R. Quizon Dean College of Public Health University of the Philippines Manila
9:40 – 9:45	Message	Dr. Carmencita D. Padilla Chancellor University of the Philippines Manila
9:50 – 10:00	Introduction of the Guest Speaker	Dr. Renzo R. Guinto Campaigner Healthy Energy Initiative Healthcare Without Harm-Asia
10:00 – 10:40	Health and Climate Benefits of Renewable Energy and Energy Efficiency: Evidence from the United States	Dr. Jonathan Buonocore Program Leader Climate, Energy and Health Center for Health and the Global Environment Harvard T.H. Chan School of Public Health
10:40 – 10:50	Reactions	Reactor from the Department of Health
10:50 – 11:00		Reactor from the Department of Energy
11:00 – 11:10		Dr. Joselito Gapas Environmental and Occupational Health Executive First Philippines Holdings Corporation
11:10 – 11:20		Ms. Jennifer Wang Global Coordinator, Healthy Energy Initiative Health Care Without Harm
11:20 – 11:50	Open Forum	
11:50 – 11:55	Awarding of Tokens and Certificates of Appreciation	Dr. Carmencita D. Padilla Chancellor University of the Philippines Manila Prof. Romeo R. Quizon Dean College of Public Health University of the Philippines Manila Dr. Vivien Fe F. Fadrilan-Camacho Chair Department of Environmental and Occupational Health College of Public Health University of the Philippines Manila
11:55 – 12:00	Closing	