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Philippine Center for
Economic Development

present a seminar on

Mining Taxation: Dynamic AETR Model

by

Karlo Adriano

PhD Candidate

23 September, Friday

4:00-5:30 p.m. – Room 303

Abstract:

To address the “single price” limitation of the static AETR model, the author extends the static model to include various expected metal prices to estimate the probability density functions of the average effective tax burden of different mining fiscal regimes. This is undertaken so that the model can estimate the probabilities of obtaining certain levels of tax burden given a specific Philippine mining fiscal regime. For instance, with the dynamic AETR model, firms and policy makers can estimate the probability that the AETR is greater than 50% given a certain fiscal regime. Furthermore, since the expected price is not restricted to a single price, the dynamic model is able to: (1) illustrate the movements of the tax burdens given different price regimes (i.e., when prices are relatively low or high), and (2) analyze the government take when mining projects are marginal and/or have negative profits.

About the speaker:

Karlo Adriano is a graduate of Bachelor of Science in Management Information System in Ateneo de Manila University and MA Economics in University of the Philippines Diliman. He is currently a PhD student in Economics in UP Diliman.



Free and open to the public

For group attendance, please contact Ms. Gloria Lambino, UPSE Economics Research Center
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