

Please provide contact information, including email.

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Please provide a short description of the course of study pursued during graduate work, including the type of course work pursued, major and minor focus of study, year of advance, and so on.

I am a second year student of PhD Economics at Iowa State University. So far I have completed advanced core courses of economics program (Microeconomics, Macroeconomics and Econometrics). This semester I'm taking Environmental Economics and Macroeconomics as my potential field of concentrations. I intend to specialize in both fields.

Please provide a short description of general research interests or other projects pursued. If the student has proposed a dissertation, and formed a committee, please provide a short description, expected date of completion, and general details.

My research interests are still in their evolutionary stages however as a student of environmental economics, I've undertaken a study to understand damages of air pollution for China. This study aims at first measuring the emission level of various air pollutants in China, then linking the emissions to ambient concentrations, then evaluating the physical effects of concentrations on population and finally putting valuations on assessed damages. As you can imagine this study involves integration of various disciplines.

One of the biggest challenge in conducting this kind of research is the lack of data for developing countries like China. Hence one of my goals during this study would be to establish a system for systematic measurement of emissions in developing countries and introduce some concept of digital markets in the area.

Digital markets are not very common in environmental economics, however there is a potential for developing these markets for activities such as trading of emission permits. Environmental economics is still evolving and to my knowledge nobody has yet examined the potential of digitization in the field. I plan to explore this area in future and believe that this conference can help provide me a kick start in that direction.