

# Invitation

## EMS Talk

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UNIVERSITEIT VAN PRETORIA  
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YUNIBESITHI YA PRETORIA

Faculty of Economic and  
Management Sciences

Fakulteit Ekonomiese en Bestuurswetenskappe  
Lefapha la Disaense tša Ekonomi le Taolo

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1920 - 2020  
Advance

The Department of Economics in the Faculty of Economic and Management Sciences (EMS), together with the South African Association for Energy Economics (SAAEE) cordially invite you to a lecture given by

**Prof Reyer Gerlagh**

TiSEM: Tilburg School of Economics and Management

**Date** Thursday, 17 October 2019  
**Time** 17:00  
**Venue** EMS Research Hub, EMS Building Entrance 1  
Ground Floor, Room 1-17  
University of Pretoria Hatfield Campus  
**Parking** Parking bays around the EMS Building  
**RSVP** [Click here to RSVP online](#) by Thursday, 10 October  
**Enquiries** [emsrsvp@up.ac.za](mailto:emsrsvp@up.ac.za)

### Family Planning and Climate Change



The historical increase in emissions can be attributed to the growth in emissions per person (about one-quarter of the total increase) and population growth (about three-quarters of the total increase). This striking evidence is not incorporated in the majority of climate-economy studies, which tend to ignore the environmental consequences of individuals' reproductive decisions. In this talk, Prof Gerlagh will discuss his recent research, which focuses on the interactions between climate change and population dynamics. He and his team develop an analytical model of endogenous fertility, which they embed in a calibrated climate-economy model. Their findings highlight the importance of family planning as an integral component of climate policies and quantify the costs of neglecting it.

Working paper version at [https://www.ifo.de/DocDL/cesifo1\\_wp7421.pdf](https://www.ifo.de/DocDL/cesifo1_wp7421.pdf)