

# SANGYOUL LEE

## EDUCATION

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**University of Florida**, Gainesville, FL, U.S.A  
Food and Resource Economics Department  
**Ph.D Program(in progress, since 2016)**

**Kyungpook National University**, Daegu, Republic of Korea  
Department of Agricultural Economics  
**Master of Economics, February 2008**

**Kyungpook National University**, Daegu, Republic of Korea  
Department of Agricultural Economics  
**Bachelor of Economics, February 2006**

## RELEVANT WORK EXPERIENCE

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Oct.2008 – present **Korea Energy Economics Institute (KEEI)**, Uiwang & Ulsan, Republic of Korea  
*Associate Research Fellow*, Energy Demand and Supply Demand Research Division

Sep.2007 – Oct.2007 **University of Illinois at Urbana Champaign**, IL, U.S.A  
*Visiting student*, Regional Economics Application Laboratory (REAL)

Oct.2006– Sep.2008 **Corporate Course for Climate Change of Kyungpook National University**, Daegu, Republic of Korea  
*Research Assistant, Agricultural Economics Department*

## WORKSHOPS/PRESENTATION

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Sep.15. 2015 ‘Introduction of Korea Energy Outlook Model’, *Presenter*, **Energy Systems Institute SB RAS-KEEI Shuttle Workshop 2015**, Irkutsk, Russian Federation

Nov.13. 2014 ‘Long-Term Energy Outlook in Korea’, *Session Panel Discussant*, **IEEJ (Institute of Energy Economics of Japan)- KEEI International Workshop 2014**, Seoul, Republic of Korea

Nov.14. 2013 ‘Experiences on Long-Term Energy Outlook’, *Session Panel Discussant*, **IEA/OECD-KEEI International Workshop on Energy Statistics and Energy Outlook Advance Program**, Seoul, Republic of Korea

## RESEARCH PROJECT

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### **A. Periodical publications (since 2010)**

- KEEI Monthly Energy Trends, KEEI (*in charge of analyzing domestic energy market trends*)
- KEEI Korea Energy Demand Outlook, KEEI (*in charge of forecasting coal and gas demands*)
- KEEI Mid-Term Korea Energy Demand Outlook, KEEI (*in charge of forecasting coal and gas demands*)
- Long-Term Energy Outlook, KEEI (*in charge of forecasting energy demand in building sector*)

### **B. Major Research Reports**

#### **B1. Energy Demand and Supply Analysis and Outlook**

- The improvements of residential and service sectors in the KEEI-EGMS model by structural changes of households, Ministry of Trade, Industry and Energy, 2014 (*project manager, supervised and conducted the whole project*)
- A Comparison of Major countries’ Energy Consumptions, Ministry of Knowledge Economy, 2010-2014 (*participant, gathered and analyzed information on foreign countries’ energy policies*)
- A Study on Improvement for the Mid & Short-term Energy Demand Outlook Model, Ministry of Knowledge Economy, 2011 (*participant, in charge of developing advanced econometric model for gas demand outlook*)
- KEEI Long Term Energy Demand System Development, Ministry of Knowledge Economy, 2010-2011 (*participant, analyzed the structure of NEMS-MODEL*)

#### **B2. Studies on Climate Change**

- Evaluation on the Policy Alternatives to Promote the Dissemination of Eco-friendly vehicles, KEEI, 2011 (*participant, analyzed eco-friendly vehicle policies in foreign countries*)
- A Study on an Export Strategy of Energy Technology: Policy to Foster Green Energy Industry, KEEI, 2010-2011 (*participant, analyzed scholarly papers and professional reports on global green energy industries*)
- A Pro-competitive and efficient implementation of top-runner program, KEEI, 2010 (*participant, conducted interviews with a Japanese expert in Top-runner system in Japan and found political implications*)
- A Study on an export strategy to foster new and renewable energies' parts sector, KEEI, 2010 (*participant, conducted building up national strategies for fostering renewable energy industries of Korea*)
- A Study on the impact of Climate Change on the Kyungpook Province Economy, Korea Energy Agency, 2006-2008 (*participant, conducted literature review and built and analyzed data spreadsheets*)

### **B3. Other Energy Policy**

- Consumption Realities of Industrial City-Gas and its Implications, KEEI, 2015 (*project manager, supervised and conducted the whole project*)
- The Analysis of Spread Effect from Unconventional Gas Development on Korea Economy, KEEI, 2014-2015 (*participant, supported GTAP-CGE model analysis on effects of global development of shale gas resources*)

### **B3. Agricultural Policy**

- A Study on Modeling for the Specialization of Regional Agriculture against FTA, Rural Development Administration, 2008 (*participant, built and analyzed data spreadsheets, documenting of findings, and wrote and edited reports*)
- A Study on Remote Sensing technology for Agricultural Statistics Survey purpose, Ministry of Agriculture, Food and Rural Affairs, 2008 (*participant, in charge of interpreting of satellite images using ERDAS S/W*)
- A Design of Marketing Decision Support Model for Food Processing Enterprises in Rural Area, Rural Development Administration, 2006-2008 (*participant, gathered actual business data for modeling, operated the prototype model*)

## **HONORS AND AWARDS**

- Energy Policy Research Project of the Year Award**, Jun. 2015, **KEEI**, Ulsan, Republic of Korea
- The Distinguished Employee Award**, Dec. 2011, **KEEI**, Uiwang, Republic of Korea
- Assistant Scholarship**, Fall 2007, Graduate School, **Kyungpook National University**, Daegu, Republic of Korea
- Assistant Scholarship**, Spring 2007, Graduate School, **Kyungpook National University**, Daegu, Republic of Korea
- Scholarship for Academic Excellence**, Fall 2007, Graduate School, **Kyungpook National University**, Daegu, Republic of Korea
- Scholarship for Academic Excellence**, Spring 2007, Graduate School, **Kyungpook National University**, Daegu, Republic of Korea
- Scholarship for Academic Excellence**, Fall 2006, Graduate School, **Kyungpook National University**, Daegu, Republic of Korea
- Assistant Scholarship**, Spring 2005, College of Agriculture & Life Science, **Kyungpook National University**, Daegu, Republic of Korea
- Assistant Scholarship**, Spring 2004, College of Agriculture & Life Science, **Kyungpook National University**, Daegu, Republic of Korea
- Scholarship for Academic Excellence**, Fall 2003, College of Agriculture & Life Science, **Kyungpook National University**, Daegu, Republic of Korea
- Excellence Award**, Dec. 2005, 2<sup>nd</sup> Daesan Agriculture Essay Contest for University student, **KYOBO Daesan Agriculture Foundation**, Seoul, Republic of Korea