

# KYUNGSUN LEE

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## CURRENT POSITION

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**Ph.D. Candidate in Environmental and Natural Resources Policy, SUNY-ESF (Syracuse, USA)**

## EDUCATION

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- Ph.D. Candidate** *Environmental and Natural Resources Policy* August 2013 ~  
**SUNY College of Environmental Science and Forestry** (Syracuse, USA)
- Advisor: Prof. David Sonnenfeld
  - Steering Committee: Prof. Cliff Davidson (Syracuse University) and Prof. Theresa Selfa
- M.S.** *Interdisciplinary Program in History and Philosophy of Science* August 2012  
**Seoul National University** (Seoul, Korea)
- Advisor: Prof. Jongtae Lim
  - Thesis: “Colonial Science Museum Established by the Empire of Japan: The Popularization of Science by the Eunsa Memorial Science Museum in Colonial Period, 1925 – 1945”
- B.S.** *Department of Chemical and Biological Engineering* February 2007  
**Seoul National University** (Seoul, Korea)
- Thesis: “Operating Cost Calculations of Supercritical Trans-esterification Biodiesel Process”

## HONORS, AWARDS and FELLOWSHIPS

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- 2015 - 2016 **Japanese Studies Fellowship**, *The Japan Foundation*
- 2013 - 2015 **Graduate Assistantship**, *SUNY-ESF*
- 2011 **Global Intern Fellowship**, *National Research Foundation of Korea*
- 2006 **Grand prize**, *LG Global Challenger*
- 2003 - 2007 **Presidential Science Scholarship**, *Korea Science and Engineering Foundation*

## BOOK

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- Kyungsun Lee** (2013), *Scientists and Engineers Without Borders: Appropriate Technology for a Sustainable World* (Seoul: Danielstone Publishing Co., ISBN 978-8958074878)
- 2014 Excellence Certification Science Books by Ministry of Science, ICT and Future Planning of Korea
  - 2014 Best Environmental Books of the Years by Ministry of Environment of Korea
  - 2014 Best Environmental Books for Youth by Eco Justice
  - 2014 Recommended Books for Summer by Chaekttase

## JOURNAL ARTICLES

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Young Je Yoo, **Kyungsun Lee** (2012), "The Necessities and Challenges for R&D for Appropriate Technology in Korea", *Journal of Unitef*, 1(1), pp. 38-40.

Sang ho Lee, **Kyungsun Lee**, and Chonghun Han (2008), "Current Research Trends on Methane-Hydrate in Japan," *News & Information for Chemical Engineers*, 26(1), pp. 74-78.

## POLICY REPORT

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Woo Hyun Chung, Chang-hoon Lee, **Kyungsun Lee**, Kyunga Noh (2013), *Enhancing Sustainability of Overseas Development Projects*, Korea Environmental Institute [Korean]

Woo Hyun Chung, Ji Hye Jo, **Kyungsun Lee** et. al. (2012), *Building the Green Village based on Biomass Energy in Guatemala (II): Guideline for Building the Green Village*, Korea Environmental Institute

## OTHER PUBLICATIONS

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**Kyungsun Lee** (2011), *100 Selected Appropriate Technologies for Developing Countries*, Scientists and Engineers without Borders. [Korean]

## CONFERENCE PRESENTATIONS

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"From Waste Management to Resource Circulation: The Development of Eco-Town in Japan," *2016 Waste in Asia Conference* (Leiden, the Netherlands: Forthcoming in June 2016)

"From Pollution Sinks to Eco-City: The Role of Actor-Network in the Development of Eco-Town in Kitakyushu," *The Gathering of the Japan Foundation Fellows 2015* (Tokyo, Japan: December 2015)

"Small Change, Big Difference: The Case of Recycling Program in Korea," *The 3rd Higashida Conference for Sustainability: Building Human Capacity for Sustainability* (Kitakyushu, Japan: October 2015)

"Technology for Sustainable Production and Consumption in Asia: Technology Assessment of the 3Rs Technology," *The 2nd International Conference on Sustainable Future for Human Security* (Kyoto, Japan: October 2011).

"Making an Effort to Enhance the Status of *Eunsa* Memorial Science Museum in the 1930s," *Annual Meeting of the Korean History of Science Society* (Jeonju, Korea: November 2010). [Korean]

"Displayed Science in Colonial Korea: *Eunsa* Memorial Science Museum," *Annual Meeting of the Korean History of Science Society* (Gwacheon, Korea: November 2009). [Korean]

## WORK EXPERIENCES

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*Intern*    **Institute for Global Environmental Strategies** (Kitakyushu, Japan)    May – August 2015

- Worked for Kitakyushu Urban Center, particularly activities in the area of sustainable city.
- Conducted research on the Kitakyushu Eco-Town.

*Researcher*    **Korea Environment Institute** (Seoul, Korea)    July 2012 – July 2013

- Worked for Environment Policy Strategy Center.
- Conducted projects on Voluntary Agreement in Environment field in Korea.
- Developed strategy for using Biomass in a rural area in Guatemala.

*Coordinator*    **Scientists and Engineers Without Borders** (Seoul, Korea)    December 2011 – July 2012

- Provide analysis in the role of science and technology in ODA and present policy proposal.

- Conducted case studies of Korean appropriate technologies for developing countries.

*Intern*    **United Nations Centre for Regional Development** (Nagoya, Japan)    February – October 2011

- Worked for Environment Unit, particularly activities in the area of Sustainable Production and Consumption.
- Assisted with operational tasks in preparation for the Third 3R(Reduce, Reuse, Recycle) Regional Forum.
- Analyzed 3R technologies and policies of Asian countries.

*Research Associate*    **Samsung Engineering** (Seoul, Korea)    February 2007 – February 2008

- Worked for Petrochemical/Energy Technology Department in R&D center
- Reviewed and prepared reports pertaining to market research and technology trends on renewable energy
- Analyzed patents of renewable energy technology
- Assisted in revising the design drawing of a molt carbonate fuel cell plant and bio-ethanol pilot plant

## ACTIVITIES

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<i>Vice President</i>	<b>Young Climate Change Ambassadors at British Council</b>	2009 –2011
<i>Team Leader</i>	<b>LG Global Challenger</b>	2006

## TEACHING EXPERIENCE

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<i>Teaching Assistant</i>	<b>Modern and Contemporary History of Science and Technology,</b> Seoul National University of Science and Technology	Fall 2011
<i>Teaching Assistant</i>	<b>Management of the Science Museum,</b> Seoul National University of Science and Technology	Spring 2012
<i>Teaching Assistant</i>	<b>History of American Environmental Movement,</b> SUNY-ESF	Fall 2013, 2014
<i>Teaching Assistant</i>	<b>Senior Seminar in Environmental Studies,</b> SUNY-ESF	Spring 2014, 2015
<i>Teaching Assistant</i>	<b>Social Processes and Environment,</b> SUNY-ESF	Spring 2014, 2015

## PROFESSIONAL MEMBERSHIPS

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<i>Member</i>	<b>Society for Social Studies of Science</b>
<i>Member</i>	<b>Association for Asian Studies</b>
<i>Member</i>	<b>Sustainability Transitions Research Network</b>
<i>Member</i>	<b>Korean History of Science Society</b>

## REFERENCES

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Reference are available upon request.