

# Inhye Kong

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## Education

**Doctoral Program in Geography, University of Georgia** (Aug 2017 – current)

- Advisor: Prof. Fausto O. Sarmiento (Neotropical montology lab)

**Master of Landscape Architecture, Seoul National University** (Mar. 2012 – Feb. 2014)

- Master's thesis: Assessment on Hydrological Ecosystem Services in Da River Basin, Northern Vietnam (Advisor: Prof. Dongkun Lee, Landscape Ecology and Climate Change Adaptation Lab)

**Bachelor of Landscape Architecture, Seoul National University** (Mar. 2008 – Feb. 2012)

- Graduate work: 9-synthesis (co-worker: Enbi Cho) (Honor of Challenging Idea by Alumni Association)

## Working Experiences

**Landscape Ecology and Climate Change Adaptation Lab, Seoul National University** (*Jan 2017 – April 2017*)

Analysis on Multi-Hazard Events Probabilities Considering Climate Change in the Future

**Korea Environmental Institute** (*Mar 2014 – Dec 2016*)

Water Use Sustainability under Current and Future Scenarios (Dr. Ik-jae Kim)

Development and Application of Sustainable Water Use Indicators (Dr. Yeonjoo Kim & Dr. Ikjae Kim)

## Teaching Experiences

**Teaching Assistant and Lecturer - Landscape Surveying and GIS** (*2012 Spring, 3 credits*)

**Undergraduate Research Advisor** (*Jun. 2012 – Aug. 2012*)

## Other Experiences

**UN ESCAP internship:** Environment and Development Division in United Nations Economic and Social Commission in Asia and the Pacific in Thailand (4 months, Dec 2013 –Mar 2014)

**Field Trip in Cambodia:** Selected as one of 6 Graduate Delegates from SNU. Regional Official Development Aid Field Study with Tokyo University and Royal University in Phnom Penh (4 weeks, Aug 2012)

**Undergraduate Research Assistant:** Involved in Urban Heat Island Project from Eco-Innovation Technology Development Project supported by the Ministry of Environment (3 months, Sep – Nov, 2011)

**Internship** at Center for Climate Change Adaptation in Korean Environment Institute (4 weeks, July 2010)

**Volunteer** at Aisimwon (Orphanage) in Yenji, China (4 weeks, July 2009)

## **Publications**

### *Peer-reviewed journals*

1. Kong I.H., D.K. Lee, 2014, **Establishment of priority forest areas based on hydrological ecosystem services in northern Vietnam**, Journal of Korea Society of Environmental Restoration Technology, Vol.17, No.5, pp.29-41. (*in English*)
2. Kong I.H., G.H. Baek and D.K. Lee, 2013, **Land cover change and forest fragmentation analysis for Naypyidaw, Myanmar**, Journal of Environmental Impact Assessment, Vol.22 No.2, pp.147-156. (*in Korean*)

### *Books*

1. Lee D.K. et al. (contributed), 2014, Biodiversity and Economics, Bomoondang, Seoul.

### *Invited works*

1. Kim I.J., I.H. Kong, Y.J. Kim. 2016. **Indicator-based assessment on sustainable water use and its interrelationship to local economic capacity**. Journal of Water Policy & Economy, Vol. 27, pp. 5-18. (*in Korean*)

## **Presentations** (selected)

### *Oral speeches (\*underline denotes presenter)*

1. Kong I.H. 2018. **PES-based water management policy in southern Ecuador**, American Association of Geographers, New Orleans, LA.
2. Kong I.H., I.J. Kim, Y.J. Kim. 2016. **Assessing sustainable water use and local economy**, 36th Annual Conference of the International Association for Impact Assessment, Nagoya, Japan (May 14, 2016) (*in English*)
3. Kim Y.J., **I.H. Kong**, 2015. **Indicators for sustainable water use with a regret-based decision making approaches for hydrologic units in South Korea**, 9<sup>th</sup> World Congress of European Water Resource Association, Istanbul, Turkey. (*in English*)
4. Kong I.H. and D.K. Lee, 2013, **Quantifying ecosystem services change in northern Vietnam – focusing on carbon storage, water yield and sediment retention**, Ecology Society of America annual meeting, Minneapolis, Minnesota (*in English*)
5. Kong I.H. and D.K. Lee, 2013. **Ecosystem services change in Northern Vietnam – focused on carbon storage, potential habitat for biodiversity**, Korean Society of Environmental Impact Assessment Summer Meeting (*in Korean*)

6. Choi N.R., **I.H. Kong**, and D.K. Lee. 2012. **Mangrove forest change in Ayeyarwady, Myanmar**. Korean Society of Environmental Impact Assessment Fall Meeting
7. **Kong I.H.** and D.K. Lee, 2012, **Effect of micro-vegetation in microclimate in urban area**, Korean Society of Environmental Impact Assessment Fall Meeting (*in Korean*)

#### *Posters*

1. **Kong I.H.**, I.J. Kim, 2016, Indicator-based approach to assess current and projected water use sustainability in Korea, American Geophysical Union, Annual Fall Meeting
2. Kim Y.J., **I.H. Kong**, I.J. Kim, 2015, **Indicators and indices for sustainable water use in South Korea**. AGU Fall Meeting. H41G-1460. Poster Hall (in English)
3. **Kong I.H.**, D.K. Lee, 2015, **Cost-benefit analysis of forest ecosystem services**, 35<sup>th</sup> Annual Conference of the International Association for Impact Assessment, Florence, Italy. (*in English*)

#### **Awards**

Presidential Fellowship (Fall 2018 – current) – University of Georgia, USA

Half Scholarship (Fall 2010) - Seoul National University, South Korea

Full Scholarship (Fall 2009) - Seoul National University, South Korea

#### **ETC**

- Ability: 1) spatial analysis and data process (ArcGIS 10.x, python, R studio, FRAGSTATS, MS Office), 2) remote sensing (Landsat, MODIS imagery with ENVI 4.5, e-Cognition software for object oriented classification, Google Earth Engine), 3) graphic design (Adobe Illustrator)
- Language: Korean (mother tongue), English(proficient), Japanese(intermediate), Chinese(beginner)
- Travel experiences:
  - Asia: China (2009), Indonesia (2010), Japan (Tokyo 2011, Sapporo 2014&2017, Osaka 2015, Nagoya 2016), Cambodia (2012), Malaysia (2013), Thailand (2014), Taiwan (2016)
  - North America: U.S. (Minneapolis-San Francisco 2013, D.C.-New York 2015, San Francisco-Santa Barbara 2016, New York-Boston 2017, New Orleans 2018)
  - Europe: France-Italy (2015), Hungary-Austria-Czech Republic (2017), Spain (2017), Finland-Sweden-Norway (2017)