

CHEONJAE LEE

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I have a background in both land management and urban and regional planning. As a result, I possess the analytical skills and sensitivity of acquiring socio-spatial data in a context where knowledge of both science and policy matter. My research interests lie primarily in the area of land administration, land governance, land tenure and knowledge co-production and geospatial informed analysis advancing land management sciences and practices.

EMPLOYMENT

OCTOBER 2018 – PRESENT

RESEARCH SCIENTIST, CHAIR OF LAND MANAGEMENT, TUM, GERMANY

- Coordinating the Massive Open Online Course (MOOC): “Introduction to Land Management” (Link: <https://www.edx.org/course/introduction-to-land-management>);
- Delivering a lecture in the course of:
 - Land Policy and Land Governance (Course number: 240695929);
 - Land Rights and Land Tenure (Course number: 0000002802);
 - Study Skills (Course Number: 0000002797).
 - Scientific Paper Writing (Course Number: 0821028265)

OCTOBER 2017 – MARCH 2018

TEACHING ASSISTANT, CHAIR OF LAND MANAGEMENT, TUM, GERMANY

- Delivering a lecture in the program of:
 - Environmental Engineering / Land Management and Land Tenure / Geodesy & Geography
- Providing hands-on works / preparing a doctoral colloquium / managing a social network service account (Link: https://twitter.com/TUM_LM)

APRIL 2016 – SEPTEMBER 2016

RESEARCHER, KOREA POSTAL SERVICE AGENCY, KOREA

- Analyzing domestic & international postal markets / collecting postal market trends data / developing new postal business strategy / reviewing new ICT technology etc.

MARCH 2013 – JULY 2013

ASSISTANT RESEARCHER, KOREA CONFORMITY LABORATORY, KOREA

- Participating in 2013 National Environmental and Safety Assessments for Children’s Activity Spaces and investigated approximately 2,000 kindergartens and schools

JANYARY 2011 – DECEMBER 2012

ADMINISTRATIVE STAFF/ASSISTANT, THE KOREAN CADASTRE INFORMATION ASSOCIATION, KOREA

- Performing overarching administrative support functions—including symposiums (the biannual events), journal publications (the biannual publications) and schedule coordination—while ensuring optimal productivity and goal achievement

EDUCATION

OCTOBER 2016 – JANUARY 2021

PHD CANDIDATE, TECHNICAL UNIVERSITY OF MUNICH (TUM), GERMANY

- **Chair of Land Management**, Faculty of Civil, Geo and Environmental Engineering (Thesis: A Divided nation: Land tenure, governance and the Korean (re-)unification)
link: <http://mediatum.ub.tum.de/?id=1576543>)

DECEMBER 2014

MASTER OF SCIENCE, UNIVERSITY OF BIRMINGHAM, UNITED KINGDOM

- **In urban and regional planning** (with RTPI accreditation) with Merit (Thesis: An analysis of the correlation of Parcelisation with place diversity in urban regeneration in the UK)

FEBRUARY 2012

MASTER OF PUBLIC ADMINISTRATION, CHEONGJU UNIVERSITY, KOREA

- **In land management** (GPA 4.50/4.50) (Thesis: A study on the land parcel management from the policy network perspective)

FEBRUARY 2011

BACHELOR OF PUBLIC ADMINISTRATION, CHEONGJU UNIVERSITY, KOREA

- **In land management** (GPA 4.16/4.50) (A thesis was replaced with the college exit exams)

RESEARCH PROJECTS

AUGUST 2019 – DECEMBER 2019

LEAD RESEARCHER, AFFORDABLE HOUSING AND SOCIAL MIX IN GERMANY: A CASE OF MUNICH MIX (IN KOREAN)

The project was supported by the early-career researcher support program through the Land and Housing Institute (LHI) funded by Korea Land and Housing Corporation (LH), Korea.

AUGUST 2017 – DECEMBER 2017

LEAD RESEARCHER, POLICY ANALYSIS FOR STUDENT HOUSING IN GERMANY (IN KOREAN)

The project was supported by the early-career researcher support program through the Land and Housing Institute (LHI) funded by Korea Land and Housing Corporation (LH), Korea.

JULY 2013 – OCTOBER 2013

ASSISTANT RESEARCHER, A STUDY ON THE NAMING OF ROADS FOR INNOVATION CITY IN CHUNGCHONGBUK-DO (IN KOREAN)

The project was supported by Korea Land and Housing Corporation (LH), Korea.

JULY 2012 – SEPTEMBER 2012

ASSISTANT RESEARCHER, A RESEARCH FOR THE ESTABLISHMENT OF BUSINESS MODELS AND PRICE POLICY FOR SPATIAL INFORMATION OPEN PLATFORM (IN KOREAN)

The project was supported by Korea Land and Geospatial Informatix (LX), Korea.

APRIL 2012 – SEPTEMBER 2012

ASSISTANT RESEARCHER, A FUNDAMENTAL RESEARCH FOR THE STANDARDIZATION OF THREE DIMENSIONAL CADASTRE (IN KOREAN)

The project was supported by Korea Land and Geospatial Informatix (LX), Korea.

PROFESSIONAL AFFILIATIONS

SEPTEMBER 2019 - PRESENT

MEMBERS, INTERNATIONAL ACADEMIC ASSOCIATION ON PLANNING, LAW, AND PROPERTY RIGHTS (PLPR)

VISITING RESEARCH

JUNE 2019 – AUGUST 2019

VISITING RESEARCHER, GRADUATE SCHOOL OF ENVIRONMENTAL STUDIES (GSES), SEOUL NATIONAL UNIVERSITY, KOREA

PUBLICATIONS AND PRESENTATIONS

PEER-REVIEWED JOURNALS

Bao, H., Shan, L., Wang, Y., Jiang, Y., Lee, C., & Cui, X. (2021). How does local real estate investment influence neighborhood PM2.5 concentrations? A spatial econometric analysis. *Land*. (Under review, In English)

Lee, C. (2021). Reframing Student Housing and Identifying Key Policy Instruments in Germany. *Housing Policy Debate*. (In progress, In English)

Chigbu, U. E., Andrew, C., Lee, C., & Mabakeng, M. R. (2021). Tenure-restoration nexus as a pertinent area of major sustainability concern. *Current Opinion of Environmental Sustainability*. (In progress, In English)

Lee, C., & de Vries, W. T. (2021). Land Tenure, Governance and the Korean (Re-)unification: A Research Synthesis. *Land*. (In progress, In English)

Lee, C., & de Vries, W. T. (2021). Testing and validating the alignment of social and geospatial data on land tenure in North Korea for the Korean (re-)unification. *Remote sensing*. 13(7), 1301. DOI: <https://doi.org/10.3390/rs13071301> (In English)

Lee, C., & de Vries, W. T. (2020). Bridging the Semantic Gap between Land Tenure and EO Data: Conceptual and Methodological Underpinnings for a Geospatially Informed Analysis. *Remote Sensing*, 12(2), 255. DOI: <https://doi.org/10.3390/rs12020255> (In English)

Lee, C., & de Vries, W. T. (2019). Sustaining a Culture of Excellence: Massive Open Online Course (MOOC) on Land Management. *Sustainability*, 11(12), 3280. DOI: <https://doi.org/10.3390/su11123280> (In English)

Lee, C., de Vries, W. T., & Chigbu, U. E. (2019). Land Governance Re-Arrangements: The One-Country One-System (OCOS) versus One-Country Two-System (OCTS) Approach. *Administrative Sciences*, 9(1), 21. DOI: <https://doi.org/10.3390/admsci9010021> (In English)

Lee, C., & de Vries, W. T. (2018). A divided nation: Rethinking and rescaling land tenure in the Korean (re-) unification. *Land Use Policy*, 75, 127-136. DOI: <https://doi.org/10.1016/j.landusepol.2018.02.046> (In English)

Tae Hoon Kim, Hyuk Jin Kwon, **Cheonjae Lee**. (2015). Critical Reviews of Concept of Spatial Planning: from the perspective of ESDP and PCPA in 2004 in the UK. *Journal of Cadastre & Land InformatiX*, 45(1), 99-122. DOI: <https://doi.org/10.22640/LXSIRI.2015.45.1.99> (In English)

Nam Sik Kim, Dong Hyun Lee, **Cheonjae Lee**. (2015). Analysis of the Regeneration Plans for the Icknield Port Loop Regeneration Scheme in Birmingham. *Journal of Korean Association of Cadastre Information*, 17(1), 161-193. (In English)

Dong Hyun Lee, **Cheonjae Lee**. (2012). A Study on the Applicability of Crowdsourcing for Cadastral Reform. *Journal of The Korean Society of Cadastre*, 28(2), 55-70. (In Korean)

Young Hag Kim, **Cheonjae Lee**. (2012). A Study on the Sustainable Parcel Management. *Journal of Korean Association of Cadastre Information*, 14(1), 163-187. (In Korean)

Young Hag Kim, **Cheonjae Lee**. (2011). A Study on the Ambiguity in the Definition of Cadastre. *Journal of Korean Association of Cadastre Information*, 13(1), 147-170. (In Korean)

BOOKS & BOOK CHAPTERS

Lee, **Cheonjae** (2021). Supporting Gender-Sensitivity of Land Management in Korea: Focusing on the Trajectory of Housing, Agriculture and Land Ownership (pp. A manuscript accepted). In Chigbu, U. E. (Ed), *Land Governance and Gender: The Tenure-Gender Nexus in Land Management and Land Policy*. Oxford, UK: CABI Publishing (In English)

TECHNICAL & RESEARCH REPORTS

Cheonjae Lee (2020). Affordable housing and social mix in Germany: A case of Munich Mix (pp. forthcoming). In *A final report of a support program for early career researchers abroad in 2019*. Daejeon, Korea: Land Housing Institute (In Korean)

Cheonjae Lee (2018). Policy analysis for student housing in Germany (pp. 309-371). In *A final report of a support program for early career researchers abroad in 2017*. Daejeon, Korea: Land Housing Institute (In Korean)

CONFERENCE PROCEEDINGS & WORKSHOPS

Lee, C., Hölzel, M., Bendzko, T., Duran-Diaz, P., de Vries, W.T. (2021). University-Student Adaptations on Housing in Germany during COVID-19. *ACSP (Association of Collegiate Schools of Planning) 2021 Annual Conference*. (In progress)

Cheonjae Lee (2020). Massive Open Online Courses in Land Management: Some Takeaways from Our Experiences. *The 2020 Spring Online Conference of the Korean Cadastre Information Association*, Online, Korea, 12 June, 2020. (Oral presentation)

Haesoom Kim, **Cheonjae Lee** & Sanggyu Shin. (2019). Smart City Government As a Platform: Inclusive or Monocentric?. *FIG Commission 7 Annual Meeting*, Seoul, Korea, 5-9 August, 2019. (Presentation and a working abstract)

Lee, C., & de Vries, W. T. (2019). Challenges of Land Administration in the Era of Platform Economy. *The 2019 Spring Conference of the Korean Cadastre Information Association*, Cheongju, Korea, 31 May, 2017, pp.81-98. (Oral presentation and a proceeding paper)

Cheonjae Lee. (2019). Sustaining a culture of excellence: Massive Open Online Courses

(MOOCs) in land management. *TUM/Aalto PhD seminar*, Technical University of Munich, Munich, Germany, 13 March, 2019. (Oral presentation)

Cheonjae Lee. (2018). Land tenure data gap: Merging EO data with LT-related SE data. *The 2018 National Post-Doc and Doctoral Seminar in Land Management in Germany*, Leibniz Universität Hannover, Hannover, Germany, 12-13 July, 2018. (Oral presentation)

Cheonjae Lee. (2018). Land tenure data gap: Combining EO data into land governance in Korean (re-)unification. *2nd International Doctoral Seminar in field of Geodesy, Geoinformations and Geospace (IDS3Geo)*, University of Zagreb, Dubrovnik, Croatia, 8-11 May, 2018. (Oral presentation and a working abstract)

Cheonjae Lee. (2018). A Divided Nation: Land Tenure, Governance and the Korean (Re-)unification. *Methodological Colloquium*, Technical University of Munich, Munich, Germany, 23 January, 2018 (Oral presentation)

Cheonjae Lee, Ying Lu, Menging Wang, Walter Timo de Vries, Uchendu Eugene Chigbu. (2017). Transforming Land Governance: “one country, one system” versus “one country, two systems”. *International conference on Sustainable Urban and Regional Development – Research and Policy Challenges for the Asia-Pacific Rim*, Renmin University of China, Beijing, China, 9-10 December, 2017. (Oral presentation and a working paper)

Cheonjae Lee. (2017). A Divided Nation: Land Tenure, Governance and the Korean (Re-)unification. *The 2017 National Post-Doc and Doctoral Seminar in Land Management in Germany*, Universität der Bundeswehr München (UniBwM), Munich, Germany, 6-7 July, 2017. (Oral presentation)

Young Hag Kim, **Cheonjae Lee**, Sun Gyu Jang. (2012). A Study on the Development of a Cadastral Education Program in the Industry-University Cooperation. *The 8th International Cadastral Symposium*, Sapporo, Japan, 18-20 Oct, 2012, 47-66. (In English) (Oral presentation and a working paper)

GRANTS, AWARDS & SCHOLARSHIPS

AUGUST 2019

An early-career research support grants 2019, *Korea Land and Housing Corporation (LH)*, Korea

OCTOBER 2018

An Internationalization Grant awarded, *Technical University of Munich/TUM Graduate School*, Germany

FEBRUARY 2018

A scholarship awarded for Tagespiegel Young Changer on the Future Security Science, *Tagesspiegel*, Germany

OCTOBER 2017

A scholarship awarded for STIBET Teaching Assistantship, *Technical University of Munich (TUM)*, Germany

AUGUST 2017

An early-career research support grants 2017, *Korea Land and Housing Corporation (LH)*, Korea

JUNE 2017 & 2014

A scholarship awarded for Master & Doctoral Study Abroad Program, *Cheongju University*, Korea

AUGUST 2011

A scholarship awarded for Postgraduate Study, *Korea Land and Geospatial Informatix (LX)*, Korea

FEBRARY 2011

An excellent student commendation awarded, *Korean Association of University Professors in Land Management*, Korea