

Curriculum Vitae for Peter Ekbäck

1. Basic Information

1.1 Name

Ekbäck, Lars Peter Allan

1.2 Date of birth

April 13, 1961

1.3 Gender

Male

1.4 Nationality

Swedish

1.5 Home address

Ö Brosättra 162, 762 91 Rimbo

Phone: + 46 70 191 81 77

1.6 Workplace address

Div. of Surveying – Geodesy, Land Law and Real Estate Planning/Avd. för lantmäteri – fastighetsvetenskap och geodesi, Royal Institute of Technology/Kungl. Tekniska Högskolan

Teknikringen 10 B, 100 44 Stockholm

Phone: + 46 70 191 81 77

E-mail: peter.ekback@abe.kth.se

1.7 Current employment

Professor in Real Estate Planning, at the Div. of Surveying – Geodesy, Land Law and Real Estate Planning [Avd. för lantmäteri – fastighetsvetenskap och geodesi]

Time of employment: 2018-05-01 – ongoing

1.8 Previous employments

Senior lecturer [universitetslektor] at the Div. of Real Estate Planning and Land Law [Avd. för Fastighetsvetenskap]

Subject area: Real Estate Planning [Fastighetsteknik]

Time of employment: 2001-01-01 – 2018-04-30

Cadastral surveyor [förrättningslantmätare] at the Cadastral Authority [Lantmäterimyndigheten] in Norrtälje.

Time of employment: 2000 – 2005 (part time, 50 %)

2. Higher Education Degrees

2.1 Higher education degrees

Doctor of Philosophy [Teknologie doktor] in Real Estate Planning [Fastighetsteknik] (2000)

Master of Science in Engineering [Civilingenjör], Land Surveying [Lantmäteri] Programme (1993)

2.2 Appointment as docent

Appointment as docent in Real Estate Planning [Fastighetsteknik] (2010)

3. Research Merits

3.1 Research profile

My research field is, in broad terms, legislation that governs *property rights and land use* topics. This extensive domain can be divided into four more distinct categories: 1) Different *property rights systems*, 2) legal rules for provision, operation and financing of *infrastructure*, 3) *procedural aspects* of public decision-making, and 4) the *historical development* of these aspects.

The definition and efficiency of *different property rights systems* - ownership, tenancy, lease, easement, joint property rights, mineral rights etc. – is of fundamental importance to society's possibility to allocate resources. This research topic is of general interest since the design of property rights create different incentives and influence the costs of transactions. Some of the issues I have dealt with in this category include: What are the economic functions of ownership to land in a society? To what degree does ownership need to be defined regarding content (i.e. rights and responsibilities)? In what ways have the rights and responsibilities that constitute ownership in the Swedish system developed over time? In what ways does the content of Swedish ownership differ from ownership in similar countries, are there possibilities for improvements?

In order to be functional, individual property units normally need supplementary infrastructure, e.g. roads, green areas, electricity, water supply, different kinds of telecommunications etc. There are different legal possibilities for *provision, operation and financing of these types of infrastructure*. An important dividing line can be drawn between individual and collective solutions. When it comes to collective alternatives, the joint action can furthermore be organized as a private, communal or state responsibility. Some of the issues I have studied in this category include: Who should be responsible for different types of infrastructure? Which criteria should be critical for the optimal choice of principal responsibility? When it comes to private responsibility, in what situations are individual or collective solutions optimal? How should financing of infrastructure be organized, fees or taxes? And how should the fees or taxes be distributed?

The third area concerns *procedural designs* of public decision-making in the context of land use permissions, land acquisitions and compensation issues. What are the procedural characteristics? To what extent can the parties influence the final allocation? Is consent necessary or may compulsion be used? These questions all have strong bearing on issues such as efficiency and legitimacy. Within this category I have, inter alia, worked with the following topics: What land uses need public regulations, e.g. as requirements for permissions or planning? How has public regulations of different land uses developed over time, and what were the historical reasons for the reforms? How should decision-making procedures be designed, in order to achieve efficient allocations and optimize on transaction costs? Why are different types of decisions resolved in different types of procedures, e.g. political, administrative or court procedures?

The fourth subcategory of my research concerns *historical developments*, which is an area I have studied to some extent for a long time. Lately I have devoted a more concentrated interest in this dimension. History is the foundation for the systems of today. Modern legal institutions generally contain large intact features that mirror former institutions. By knowing history, our understanding of the present systems is improved and enriched. Some of the issues I have studied in this subcategory include: Can historical institutions be understood as efficient solutions by analyzing them in the technical, economic and social context of their own time? Are the present institutions designed to solve society's needs and problems of today or of yesterday? What conclusions can be drawn from successes and failures during previous reforms and times?

Legislation on real property and land use is national. Due to this fact, most of my publications are written in Swedish. My ambition is to treat research topics both from a system perspective – e.g. to evaluate the system at a meta-level – as well as to penetrate certain legal details more in depth.

The research field of property rights and land use legislation is multi-disciplinary, i.e. it comprises law, economics, political science, technology etc. I have in particular used the recent achievements in the field of law and economics as a methodological foundation.

3.2 List of publications with peer review (recent years)

1. Ekbäck, Peter (2024) “Institutional Transitions in the Land Development Domain. An inquiry into the nature of legal reforms – efficiency enhancing or redistributive?” In: Maliene, Vida et. al. [Eds] *Sustainable and Equitable Land Management. Legal Framework, Assessment, Planning Tools*, pp. 61-82. European Academy of Land Use and Development. vdf Hochschulverlag AG, Zürich.
2. Ekbäck, Peter (2022) “Sweden” In: Halleux, Jean-Marie et al. [Eds] *Public Value Capture of Increasing Property Values across Europe. Report on strategies for the implementation of new tools of public value capture or the optimisation of existing tools*, pp. 104-110. https://puvaca.eu/wp-content/uploads/2022/12/Implementation_Report_complete.pdf
3. Ekbäck, Peter (2022) ”Sweden” In: Halleux, Jean-Marie et al. [Eds] *Public Value Capture of Increasing Property Values across Europe*, pp. 223-230. COST Action Public Value Capture of Increasing Property Values (PuVaCa, CA17125). vdf Hochschulverlag, Zürich.
4. Granath Hansson, Anna; Ekbäck, Peter; Paulsson, Jenny (2021) The Sliding Scale between Usufruct and Ownership: The Example of Swedish Multi-Family Housing. *Land 2021*, 10 (3), 311. <https://doi.org/10.3390/land10030311>
5. Ekbäck, Peter (2020) “Modelling Real Property Rights. A brief review and some extensions.” In: Hepperle, Erwin et. al. [Eds] *Methods and Concepts of Land Management. Diversity, Changes and New Approaches*, pp. 169-186. European Academy of Land Use and Development. Hochschulverlag AG an der ETH, Zürich.
6. Dahlsjö, Anders; Ekbäck, Peter & Kalbro, Thomas (2020) “A Return to Prejudicial Effects from Time-Consuming Planning Processes. Municipal planning and the ghost town case of Folkesta” In: Hepperle, Erwin et. al. [Eds] *Methods and Concepts of Land Management. Diversity, Changes and New Approaches*, pp. 119-129. European Academy of Land Use and Development. Hochschulverlag AG an der ETH, Zürich.
7. Ekbäck, Peter & Riekkinen, Kirsikka (2020) ”A Digitalized Property Formation Process? Comparative study of legal qualifications in Finland and Sweden.” In: Hepperle, Erwin et. al. [Eds] *Methods and Concepts of Land Management. Diversity, Changes and New Approaches*, pp. 73-91. European Academy of Land Use and Development. Hochschulverlag AG an der ETH, Zürich.
8. Ekbäck, Peter & Christensen, Finn Kjær (2020) “Road Management in Denmark and Sweden: A Comparison and Analysis of Institutional Designs.” *Nordic Journal of Surveying and Real Estate Research*, vol. 15, no.1 pp. 38-55.
9. Ekbäck, Peter (2018) “Expropriation and Protection of Property. Contradiction of consistency? Some historical indications.” In: Hepperle, Erwin et. al. [Eds] *Opportunities and Constraints of Land Management in Local and Regional Development. Integrated Knowledge, Factors and Trade-offs*, pp. 39-53. European Academy of Land Use and Development. Hochschulverlag AG an der ETH, Zürich.
10. Ekbäck, Peter (2013) “Institutional Design for Public Decisions on Land Use Alterations, Acquisition of Property Rights, and Compensation. A Comparison of Nordic Legal Procedures.” In: Hepperle, Erwin et. al. [Eds] *Land Management: Potential, Problems and Stumbling Blocks*, pp. 67-83. European Academy of Land Use and Development. Hochschulverlag AG an der ETH, Zürich.
11. Ekbäck, Peter (2011) “Towards a Theory of 3 D Property Rights – With an Application to Nordic Legislation.” *Nordic Journal of Surveying and Real Estate Research*, vol. 8, no. 1, pp. 65-80.
12. Wabineno, Lilian M.; Musinguzi, Moses & Ekbäck, Peter (2011) “Land Information Management in Uganda: Current Status.” Conference paper. *The first Conference on Advances in Geomatics Research*, pp. 211-223.

13. Ekbäck, Peter & Kalbro, Thomas (2011) "Expropriation and Prejudicial Effects of Time-Consuming Planning Processes." In: Hepperle, Erwin et. al. [Eds] *Core-Themes of Land Use Politics: Sustainability and Balance of Interests*, pp. 135-147. European Faculty of Land Use and Development. Hochschulverlag AG an der ETH, Zürich.
14. Ekbäck, Peter (2009) "Private, Common, and Open Access Property Rights in Land – An Investigation of Economic Principles and Legislation." *Nordic Journal of Surveying and Real Estate Research*, vol. 6, no. 2, pp. 57-74.
15. Ekbäck, Peter (2009) "Rätten att ansöka om ändrad markanvändning – en studie av rådighetskrav inom fastighetsrätten." [The Right to Apply for Land Use Changes – A Study of Property Rights Provisions in Real Estate Law.] *Svensk Juristtidning*, årg. 94 (9/09), s. 929-945.
16. Ekbäck, Peter & Kalbro, Thomas (2009) "The Coase Theorem and Public Decision-Making. Exemplified with the Swedish Joint Facilities Act." In: Hepperle, Erwin & Lenk, Hans [Eds] *Land Development Strategies: Patterns, Risks, and Responsibilities*, pp. 85-94. European Faculty of Land Use and Development. Hochschulverlag AG an der ETH, Zürich.
17. Ekbäck, Peter (2008) "Krav på väsentlighet, lönsamhet och utformning vid tvångsförvärv av mark och rättigheter – en analys av gällande skyddsvillkor." [Requirements regarding Substance, Profitability and Design for Compulsory Purchase of Land and Rights – An Analysis of Existing Legal Provisions.] *Svensk Juristtidning*, årg 93 (8/08), s. 688-705.

3.3 Other publications (recent years)

1. Ekbäck, Peter; H Persson, Annina & Liedholm Johnson, Eva (2024) *Miljöprocess och svensk gruvdrift. En analys och utvärdering av tillståndsprövning för miljöfarlig verksamhet*. [Environmental Permit Process and Swedish Mining. An analysis and evaluation of permit review for environmentally hazardous activities.] Report TRITA-ABE-RPT-2414. Div. of Surveying – Geodesy, Land Law and Real Estate Planning, KTH.
2. Ekbäck, Peter (2024) *Råby i Fasterna socken – En lantmäterihistorisk utredning och redogörelse*. [Råby village in Fasterna parish – A historical land surveying investigation and narrative.] Report TRITA-ABE-RPT-248. Div. of Surveying – Geodesy, Land Law and Real Estate Planning, KTH.
3. Ekbäck, Peter (2024) *Lågarö by i Rådmansö socken – En lantmäterihistorisk redogörelse*. [Lågarö village in Rådmansö parish – A historical land surveying narrative.] Div. of Surveying – Geodesy, Land Law and Real Estate Planning, KTH.
4. Ekbäck, Peter (2023) *Fastighetskyddet i fastighetsbildningslagen 5 kap. 8 §: Fyller det någon funktion i dagens samhälle?*. [The property protection provision in the Real Property Formation Act: Does it fulfill a function in today's society?] Div. of Surveying – Geodesy, Land Law and Real Estate Planning, KTH.
5. Ekbäck, Peter & Mattsson, Hans (2021) *Fastighetsteknisk-Fastighetsrättslig forskning vid KTH: En forskningsöversikt, åren 1932-2021*. [Real estate planning-Real estate law research at KTH: A research review, years 1932-2021.] Report TRITA-ABE-RPT-2124. Div. of Real Estate Planning and Land Law, KTH.
6. Ekbäck, Peter (2021) "Takings and the Protection of Property in Swedish Real Property Law: Åbrolla revisited through the lenses of the Public Interest Requirement and the European Principle of Proportionality." In: Granath Hansson, Anna [Ed.] *Good fortune is what happens when opportunity meets with planning: Papers in Honour of Thomas Kalbro on the Occasion of his 70th Birthday*, pp. 136-157. Div. of Real Estate Planning and Land Law, KTH.
7. Ekbäck, Peter (2019) *Mot en digitaliserad samhällsbyggnadsprocess. Analys av rättsliga strukturer vid förändring av fastighetsindelning, äganderätt (markägare) och markanvändning*. [Towards a digitized land development process. Analysis of legal structures connected to alteration

- of real property division, ownership (landowner), and land use.] Report TRITA-ABE-RPT-1839. Div. of Real Estate Planning and Land Law, KTH.
8. Liedholm Johnson, Eva; Ekbäck, Peter & Horemuz, Milan (2018) *Utredning kring lantmäteriämnen för utbildningsprogram inom Skolan för arkitektur och samhällsbyggnad vid KTH*. [Investigation into surveying subjects for education programs within the School of Architecture and the built Environment at KTH.] Report to the school management. Div. of Real Estate Planning and Land Law, KTH.
 9. Ekbäck, Peter (2017) *Ändrad markanvändning – samordna planer och tillstånd: Förstudie till ett forskningsprojekt*. [Land development – coordination of plans and permits: Pilot study for a research project.] In: Hullgren, Maria & Wilhelmsson, Mats [Eds] *Bostad 2.0, En bostadsmarknad för alla*. Report TRITA-FOB-Rapport 2017:4. Div. of Real Estate Planning and Land Law, KTH.
 10. Ekbäck, Peter (2017) *Mark- och fastighetsrättens utveckling i Sverige. En rättshistorisk orientering med betoning på fastighetsbildning och infrastruktur*. [Development of Law on Land and Real Estate in Sweden. A Legal-Historical Orientation with Emphasis on Real Property Formation and Infrastructure.] TRITA-FOB-Rapport 2017-1. Div. of Real Estate Planning and Land Law, KTH.
 11. Ekbäck, Peter (2016) *Fastighetsbildning och fastighetsbestämning. Om fastighetsbildningslagen m.m.* [Property Formation and Property Definition. On the Property Formation Act etc.] 3 edition. TRITA-FAT-Rapport 4:109. Div. of Real Estate Planning and Land Law, KTH.
 12. Ekbäck, Peter (2016) *Fastighetssamverkan för utförande, drift och förvaltning av gemensamma anläggningar. Särskilt om anläggningslagen och lagen om förvaltning av samfälligheter*. [Real Property Cooperation for the Design, Operation and Management of Common Facilities. In Particular the Joint Facilities Act and the Joint Property Units Management Act.] 3 edition. TRITA-FAT-Rapport 4:101. Div. of Real Estate Planning and Land Law, KTH.
 13. Ekbäck, Peter (2016) *Lagstiftning om ledningar. Särskilt om ledningsrättslagen*. [Legislation on Wires, Pipelines and Cables. In Particular the Utility Easements Act.] 3 edition. TRITA-FAT-Rapport 4:102. Div. of Real Estate Planning and Land Law, KTH.
 14. Sjödin, Eije; Ekbäck, Peter; Kalbro, Thomas & Norell, Leif (2016) *Markåtkomst och ersättning. För bebyggelse och infrastruktur*. [Compulsory Land Acquisition and Compensation. For Buildings and Infrastructure.] 4 edition. Wolters Kluwer, Stockholm.
 15. Ekbäck, Peter; Kalbro, Thomas; Lind, Hans & Lundgren, Berndt (2015) *Fastighetsutveckling - Fastighetsekonomiska och fastighetsjuridiska frågor i samhällsbyggnadsprocessen*. [Real Estate Development – Topics in Real Estate Economics and Real Estate Law in the Planning and Building Process.] Dept. of Real Estate and Construction Management, KTH.
 16. Ekbäck, Peter (2013) *The Choice between 3 D Property Rights Alternatives. Economic Theory, Legal Provisions, and Case Studies*. Div. of Real Estate Planning and Land Law, KTH.
 17. Ekbäck, Peter (2013) *Fastighetstekniska åtgärder vid plangenomförande*. [Legal Measures for Implementation of Development Plans.] Div. of Real Estate Planning and Land Law, KTH.
 18. Ekbäck, Peter (2012) *Regelsystem för tvångsförvärv och infrastruktur. Några uppsatser inom speciell fastighetsrätt*. [Legal Institutions for Compulsory Land Acquisition and Infrastructure. Some Essays in the Field of Real Estate Law.] TRITA-FOB-Rapport 2012:4. Div. of Real Estate Planning and Land Law, KTH.
 19. Ekbäck, Peter (2012) *Fastighetsbildning och fastighetsbestämning. Om fastighetsbildningslagen m.m.* [Property Formation and Property Definition. On the Property Formation Act etc.] 2 edition. TRITA-FAT-Rapport 4:109. Div. of Real Estate Planning and Land Law, KTH.

20. Sjödin, Eije; Ekbäck, Peter; Kalbro, Thomas & Norell, Leif (2011) *Markåtkomst och ersättning. För bebyggelse och infrastruktur*. [Compulsory Land Acquisition and Compensation. For Buildings and Infrastructure.] 3 edition. Norstedts Juridik, Stockholm.
21. Ekbäck, Peter (2011) *Vägrätt inom detaljplan. Utredning av rättsläge och upplåtelseform vid statlig väghållning*. [Right of Way within Development Plans. Investigation of Legal Conditions and Tenure with State Road Management.] Div. of Real Estate Planning and Land Law, KTH.
22. Ekbäck, Peter (2011) *Externa effekter och markanknutna rättigheter. Coase-teoremet och svensk fastighetsrätt*. [Externalities and Real Property Rights. The Coase Theorem and Swedish Real Estate Law.] TRITA-FOB-Rapport 2011:2. Div. of Real Estate Planning and Land Law, KTH.
23. Ekbäck, Peter (2011) *Lagstiftning om ledningar. Särskilt om ledningsrättslagen*. [Legislation on Wires, Pipelines and Cables. In Particular the Utility Easements Act.] 2 edition. TRITA-FAT-Rapport 4:102. Div. of Real Estate Planning and Land Law, KTH.
24. Ekbäck, Peter (2011) *Fastighetssamverkan för utförande, drift och förvaltning av gemensamma anläggningar. Särskilt om anläggningslagen och lagen om förvaltning av samfälligheter*. [Real Property Cooperation for the Design, Operation and Management of Common Facilities. In Particular the Joint Facilities Act and the Joint Property Units Management Act.] 2 edition. TRITA-FAT-Rapport 4:101. Div. of Real Estate Planning and Land Law, KTH.
25. Ekbäck, Peter & Kalbro, Thomas (2010) *Coase-teoremet – i sammanfattning*. [The Coase theorem – in summary.] Div. of Real Estate Planning and Land Law, KTH.
26. Ekbäck, Peter (2009) *Fastighetsbildning och fastighetsbestämning. Om fastighetsbildningslagen m.m.* [Property Formation and Property Definition. On the Property Formation Act etc.] TRITA-FAT-Rapport 4:109. Div. of Real Estate Planning and Land Law, KTH.
27. Ekbäck, Peter (2008) *Lag om byggande av järnväg – en översikt*. [The railway construction act – an overview.] Avd. för Fastighetsvetenskap, Kungl. Tekniska Högskolan, Stockholm.
28. Ekbäck, Peter (2008) *Markens indelning i individuella, samfälliga och allmänna rättigheter. Ett property rights-perspektiv*. [Allocation of Real Estate into Private, Common and Open Access Rights. A Property Rights Perspective.] TRITA-FAT-Rapport 4:107. Div. of Real Estate Planning and Land Law, KTH.
29. Ekbäck, Peter (2008) *Väglagen – en översikt*. [The public roads act – an overview.] Avd. för Fastighetsvetenskap, Kungl. Tekniska Högskolan, Stockholm.
30. Ekbäck, Peter (2008) *Legala krav på väsentlighet, effektivitet och utformning vid tvångsförvärv av mark och rättigheter. En undersökning av gällande skyddsvillkor*. [Legal Requirements Regarding Substance, Efficiency and Design for Compulsory Purchase of Land and Rights. An Investigation of Existing Provisions.] TRITA-FAT-Rapport 4:105. Div. of Real Estate Planning and Land Law, KTH.
31. Ekbäck, Peter (2007) *Lagstiftning om ledningar. Särskilt om ledningsrättslagen*. [Legislation on Wires, Pipelines and Cables. In Particular the Utility Easements Act.] TRITA-FAT-Rapport 4:102. Div. of Real Estate Planning and Land Law, KTH.
32. Ekbäck, Peter (2007) *Översikt av fastighetsbildningslagstiftningen före FBL*. [Overview of legislation on property formation before Real Property Formation Act.] Avd. för Fastighetsvetenskap, Kungl. Tekniska Högskolan, Stockholm.
33. Ekbäck, Peter (2007) *Fastighetssamverkan för utförande, drift och förvaltning av gemensamma anläggningar. Särskilt om anläggningslagen och lagen om förvaltning av samfälligheter*. [Real Property Cooperation for the Design, Operation and Management of Common Facilities. In Particular the Joint Facilities Act and the Joint Property Units Management Act.] TRITA-FAT-Rapport 4:101. Div. of Real Estate Planning and Land Law, KTH.

34. Sjödin, Eije; Ekbäck, Peter; Kalbro, Thomas & Norell, Leif (2007) *Markåtkomst och ersättning. För bebyggelse och infrastruktur*. [Compulsory Land Acquisition and Compensation. For Buildings and Infrastructure.] 2 edition. Norstedts Juridik, Stockholm.
35. Ekbäck, Peter; Kalbro, Thomas & Mattsson, Hans (2005) *Fastighetsteknik. En antologi om markanknutna rättigheter*. Avd. för Fastighetsvetenskap, Kungl. Tekniska Högskolan, Stockholm.

3.4 Management and responsibility for national and international conferences

Lantmäteridag på KTH [KTH Surveying Day], meeting for the industry, authorities and actors in the land surveying field (2023)

Organization and management of a conference day for marketing of the newly formed Div. of Surveying – Geodesy, Land Law and Real Estate Planning, and information exchange regarding research and educational needs from the industry perspective. The conference day was arranged at KTH Campus.

Meeting for Nordic collaboration in research and research education (2020)

Initiation and coordination of a Nordic network for collaboration in research and research education, involving Aalborg University (Denmark), Aalto University (Finland), Lund University (Sweden), and Norwegian University of Life Sciences (Norway). First meeting was arranged at KTH Campus.

Research conference in the field of Land Surveying (2015)

A national conference organized in collaboration with the Swedish Mapping, Cadastral and Land Registration Authority [Lantmäteriet] with the objective to identify areas for further research activities in the fields of Real Estate Planning and Geodesy/Geodata. As KTH representative I also gave a lecture on KTH viewpoints regarding current and future research potentials. The conference took place at KTH Campus and had participants from 7 Swedish universities, 6 government agencies, and 3 government offices.

Research conference in the field of Real Estate Formation (2013)

A national/Nordic conference organized with the objective to create a more permanent network for initiatives, discussions and dissemination of real estate formation research. As KTH representative I also gave a presentation on KTH viewpoints regarding current and future research potentials. The conference had participants from 4 universities (Sweden and Finland), the Swedish Mapping, Cadastral and Land Registration Authority [Lantmäteriet], and 2 government offices.

Nordic research conference in Real Estate Planning (2010)

A Nordic conference organized with the objective to create a continuous network for researchers in the Nordic universities for research initiatives and collaborations. The conference took place at KTH Campus and had representatives and researchers from Denmark, Finland, Norway and Sweden. During the conference I also presented a paper, which was later accepted for publication. Another valuable outcome from this conference was the establishment of a partnership between the Nordic universities in the form of a Nordic PhD-school (joint courses, seminars, PhD research projects etc.).

Besides the above listed conferences I have over the years organized several smaller meetings and seminars on a national level at KTH Campus, for discussions and presentations of current research in Real Estate Planning.

3.5 Participation and presentations at national and international conferences (recent)

- *European Academy for Land Use and Development, international conference in Kraków, Poland (2024)*. Presentation of paper on the environmental permit process and Swedish mining.
- *European Academy for Land Use and Development, international conference in Bergen, Norway (2023)*. Presentation of paper on the transition from physical boundary markers to coordinate-defined real property boundaries in Sweden.

- *European Academy for Land Use and Development, international conference in Vienna, Austria (2021)*. Presentation of paper on institutional transitions in the land development domain, with two case studies from Sweden. Due to Covid-19 pandemic, the participation was on-line.
- *European Academy for Land Use and Development, international conference in Kaunas, Lithuania (2019)*. Presentation of paper on prejudicial value effects from time-consuming municipal planning processes, with a case study from Sweden.
- *European Academy for Land Use and Development, international conference in Riga, Latvia (2018)*. Presentation of paper on generic modelling of real property rights.
- *European Academy for Land Use and Development, international conference in Paris, France (2017)*. Presentation of paper on the contradictory nature of expropriation vs. protection of property, with some historical development paths of Swedish legislation.
- *European Faculty of Land Use and Development, international conference on topics of land management in Székesfehérvár, Hungary (2010)*. Presentation of paper on a comparison of procedural designs for public decision-making in infrastructure development processes in the Nordic countries.
- *Samhällsbyggnadsdagarna, Stockholm, Sweden (2015)*. Presentation of current research and research topics in the field of Real Estate Planning and Land Law at KTH.
- *COST Project (Co-ordination in the field of Scientific and Technical Research), sub-programme Modelling Real Property Transactions (2002-2006)*. A number of international workshops, project meetings and conferences with presentations.

3.6 Involvement in major national and international research projects

Environmental permit processes and the implementation of the EU water directive: Evaluating the consequences for Swedish mining, and the needs and possibilities for reform (2023-2024)

The project aims to review and evaluate the assessment processes that form the basis for existing permit procedures for mining operations. Funded by Vinnova and coordinated by Georange, where the budget for KTH was 350.000 SEK.

ADLAND 2 (2021-2022)

Advancing ADLAND –Implementing Collaborative Research and Capacity Development in Land Governance and Responsible and Smart Land Management in and for Africa. This joint international research project aims to advance the concept and praxis of land governance and responsible and smart land management, specifically focusing on gender issues, land governance and corruption in the land sector. The Division of Real Estate Planning and Land Law was one of six northern partners, where different research and curriculum development activities were directed towards a number of African universities.

Forum för Bostadsforskning Stockholm (2020-ongoing)

Forum for Housing Research Stockholm (FBS) is a collaborative initiative between the Department of Law and the Department of Cultural Geography, Stockholm University, the Department of Real Estate and Construction, KTH, Fastighetsägarna Sverige and Sveriges Allmännytt, which aims to promote increased dialogue and exchange of experience between researchers and society. FBS arranges a number of research seminars each year. (<https://www.kth.se/fob/forskning/pagaende-projekt/forum-for-bostadsforskning-stockholm/forum-for-bostadsforskning-stockholm-1.1047199>)

Public Value Capture (2018-2022)

The COST Action “Public Value Capture of Increasing Property Values” is funded by the European Cooperation in Science & Technology. It started in 2018 and is planned to run for a 4-year framework, with researchers from over 30 countries. (<http://www.puvaca.eu/>)

ADLAND 1 (2017-2019)

The ADLAND project – Advancing collaborative research in responsible and smart land management in and for Africa – is a joint international research project, coordinated by the Technical University of Munich (TUM). The Division of Real Estate Planning and Land Law was one of six northern partners, where different research and curriculum development activities were directed towards a number of African universities.

Research Training Partnership Programme with Tanzania/ARU (2015-2022)

A SIDA-funded post-graduate project with Ardhi University in Dar es-Salaam, Tanzania for 3 doctoral students, comprising joint supervisions, PhD courses and double degree examinations. The program has been extended to 2022, and negotiations for a new cycle is in progress.

VERITAS (2013-2018)

VERITAS (Structural development of the third cycle based on Salzburg principles), a Tempus-funded project which was launched in 2013 and ended in 2018. The project involved development and establishment of 11 new doctoral programs at different universities in Armenia, where the Division of Real Estate Planning and Land Law has been one of the lead partners.

Communication Infrastructure Research Center (2008-2009)

The CIRC-project (Communication Infrastructure Research Center) involved investigations of possible actions for broadband fiber infrastructure deployment on the Swedish countryside, and my role concerned the legal aspects of permissions and property rights acquisition.

3.7 Membership in academics/committees, etc.

European Academy of Land Use and Development (EALD), an association for regularly scientific meetings in the form of symposia, publishes peer reviewed scientific works, serves as a platform for the establishment of international research cooperation and supports activities with the aim of creating networks of various actors in the area of spatial development and soil protection. Members include scientists from universities and independent research institutes from all Europe.

Nordic collaboration in research and research collaboration, academic network for collaboration in research and research education involving Aalborg University (Denmark), Aalto University (Finland), KTH (Sweden), Lund University (Sweden), and Norwegian University of Life Sciences (Norway): <https://www.kth.se/en/fob/om-oss/avd/fastighetsvetenskap/nordisk-forskningssamverkan-1.953699>

Housing Research Forum Stockholm [Forum för Bostadsforskning Stockholm], collaborative network for research and research dissemination involving the Div. of Surveying – Geodesy, Land Law and Real Estate Planning at KTH, the Dept. of Law at Stockholm University, and the Dept. of Human Geography at Stockholm University.

Advisory Board for Geodesy, Bavaria Academy of Sciences in Germany, a bridge between the Bavaria Academy of Sciences and the German Geodetic Commission (DGK) with six international members, covering the competence areas of high geodesy, engineering geodesy, land management, photogrammetry and remote sensing, cartography and geoinformatics.

International Academic Association on Planning, Law, and Property Rights (PLPR), an academic collaboration and peer group for research in the fields of planning, real property law and property rights: <http://plpr-association.org/>

3.8 Assignments as reviewer, independent expert, faculty opponent, grading committee, etc.

Editorial boards and reviewing

- Member of the advisory board the *Journal of Land Policy and Governance*, which is published by the Institute of Land Administration of Bahir Dar University in Ethiopia (2016-ongoing)
- Reviewing assignments for *Universitetsforlaget, Juridika* (2020-ongoing)
- Member of reviewing board for the international journal *Land Use Planning* (2017-ongoing)
- Member of reviewing board for the international journal *Land* (2019-ongoing)
- Referee assignments for the *FIG Working Group on 3D Cadastres*, for papers and proceedings from international workshops (2011-2013)

Independent expert

- Appointed as external expert by the Technical University of Munich (TUM), Germany, for review and evaluation of candidate for promotion to full professorship in Land Management. (2023)
- Appointed as external expert evaluator by the University of Bonn, Germany, for assessment of candidates for professorship in Development of Urban and Rural Regions. (2023)
- Appointed as independent expert evaluator at the Dept. of Property and Law, Norwegian University of Life Sciences [NMBU - Norges miljø- og biovitenskapelige universitet] for recruitment of docent/associate professor in property and law. (2022)
- Expert participant in Global Land Value Capture project, OECD and the Lincoln Institute of Land Policy. (2021)
- Expert participant in SURFACE-project (Standards and Strategies for the Reduction of Land Consumption) on the implementation of the EIA-Directive 2014/52/EC, German Environment Agency. (2020)
- Expert referee in evaluating application for Professorship at the Dept. of the Built Environment, Liverpool John Moores University. (2020)
- Appointed as independent expert evaluator at the Dept. of Property and Law, Norwegian University of Life Sciences [NMBU - Norges miljø- og biovitenskapelige universitet] for recruitment of lecturer in law. (2020)
- Appointed as independent expert evaluator at the Dept. of Property and Law, Norwegian University of Life Sciences [NMBU - Norges miljø- og biovitenskapelige universitet] for recruitment of docent/associate professor in law. (2019)
- Member in evaluation committee for assessment of research applications in the KTH research programme Bostad 2.0. (2018)
- Appointed as external expert evaluator for 3 developed doctoral programmes in the VERITAS Tempus Project (Structural Development of the Third Cycle Based on Salzburg Principles), Armenia. (2016-2017)

- Appointed as expert evaluator at the Faculty of Engineering, Lund University [Lunds Tekniska Högskola] for recruitment of a senior lecturer in Real Estate Planning and Land Law. (2014)

Faculty opponent and grading committees

- First opponent at public disputation of Veronica Trygstad, NMBU, Norway (2022)
- Examination committee member at public disputation of Cheonjae Lee, TUM, Germany (2021)
- Second opponent at public disputation of Leikny Gammelmo, NMBU, Norway (2019)
- First opponent at public disputation of Helen Elvestad, NMBU, Norway (2018)
- Opponent for midterm evaluation of Helen Elvestad, NMBU, Norway (2016)
- In the Swedish context, I have at several times been appointed as *pre-examiner*, *faculty opponent* and *member of the grading board* for doctoral disputations, as well as *faculty examiner* for licentiate theses at KTH and other universities.

Government referrals

The Div. of Surveying – Geodesy, Land Law and Real Estate Planning is regularly consulted for Government referrals regarding feedback and suggestions on legislative proposals within the research field. The following list includes the most recent Government referrals where I have been responsible on behalf of KTH:

- Fastighetsregisterlagsutredningens slutbetänkande ”Ett säkrare och mer tillgängligt fastighetsregister” SOU 2024:7 (2024)
- Boverkets förslag till föreskrifter om aktsamhet vid planering och utförande av bygg-, rivnings- och markarbeten (2024)
- Boverkets förslag till föreskrifter om krav på tomter m.m. (2023 och 2024)
- Boverkets förslag till föreskrifter om översiktsplan (2023)
- Klimaträtsutredningens slutbetänkande ”Rätt för klimatet” SOU 2022:21 (2022)
- Bygglovsutredningens slutbetänkande ”Ett nytt regelverk för bygglov” SOU 2021:47 (2021)
- Ändring av andelstal i gemensamhetsanläggningar (2021)
- Boverkets allmänna råd om redovisning av reglering i detaljplan (2020)
- Boverkets föreskrifter och allmänna råd om detaljplan (2020)
- Lantmäteriets rapport ”Nationellt tillgängliggörande av digitala detaljplaner.” Delrapport i uppdraget att verka för en smartare samhällsbyggnadsprocess (2019)
- Boverkets promemoria om förutsättningarna för hur uppgifterna i detaljplaner och planbeskrivningar kan tillgängliggöras och behandlas digitalt (2019)
- Lantmäteriets promemorior om ”Indrivning av Lantmäteriets avgifter” och ”Möjlighet att avvisa vissa inskrivningsärenden” (2018)
- Lantmäteriets rapport ”Föreskriftsrätt om gemensamma standarder för information i grundkartor” (2017)
- Boverkets rapport ”Digitala detaljplaner – Reglering av hur detaljplaner ska utformas digitalt” (2017)
- Ds 2017:19, Anpassningar av de fastighetsrättsliga, associationsrättsliga, transporträttsliga och immaterialrättsliga författningarna till dataskyddsförordningen (2017)
- Lantmäteriets promemorior om indrivning av avgifter (2015)

- Lantmäteriets rapport Förslag till normaltaxa för kommunala gatuavgifter (2015)
- Vattenverksamhetsutredningens slutbetänkande ”I vått och torrt – förslag till ändrade vattenrättsliga regler” SOU 2014:35 (2014)
- Lantmäteriets promemoria om modernare sammanträdesformer vid lantmäteriförrättningar m.m. (2014)

4. Pedagogical Merits

4.1 Teacher profile

My experiences as a teacher stretches back to 1992, when I started my own PhD-education and was introduced to teaching (as part of department duties at the Division of Real Estate Planning and Land Law). The subject area of my teaching mainly covers how legal rights associated with land use and real property can be established and/or modified in order to facilitate desirable societal development, e.g. construction of buildings with complementary infrastructure, or conservation and protection of valuable natural or historical areas.

As elaborated below, my teaching activities have over the years been quite extensive and diverse. I have been responsible and examiner for several courses at first, second and third cycle levels. At present I participate in more than 20 courses at KTH, as well as one course at Stockholm University and one course at Uppsala University. According to my “track record” for the last ten years I have on the average provided 150-200 hours of lectures, seminars and exercises (preparation and examination not included). To this, supervision of Bachelor’s, Master’s and Doctoral theses should be added, see below.

My general view of teaching and learning, is that learning should be seen as an active process by the students whereby new experiences are reflected upon, abstracted and actively tested to supplement or adjust previous knowledge structures. These underpinnings builds on Kolb’s well known theory of experiential learning. Regarding the concept of different learning styles, I think it is important that the learning activities directed towards a specific learning objective should be various and multiple in order for all course participants to achieve optimal learning.

4.2 Experiences as teacher

KTH-courses at bachelor level, with major responsibilities

AI1527 & AI1531 Introduction to the Planning and Building Process [Samhällsbyggnadsprocessen], 13,5 hp

Time-period: 2015-2019

Number of participants: 200 per year

Teaching activities: Course development, course responsibility and coordination, examiner, lectures, exercises

AI1504, Real Estate Planning [Fastighetsteknik], 7.5 hp

Time-period: 2000-2011

Number of participants: 30-110 per year (due to alterations at Programme level)

Teaching activities: Course development, course responsibility, examiner, major part of teaching

AI1506, Land Law [Speciell fastighetsrätt], 7.5 hp

Time-period: 2006-2013

Number of participants: 20-30 per year

Teaching activities: Course development, course responsibility, examiner, major part of teaching

AI1522, Property and Urban Development [Fastighets- och stadsutveckling], 7.5 hp

Time-period: 2022

Number of participants: 15-20 per year

Teaching activities: Course development, course responsibility, examiner, major part of teaching

AI151X, Degree Project in Built Environment, First Cycle [Examensarbete inom samhällsbyggnad, grundnivå], 15.0 hp

Time-period: 2010-ongoing

Number of participants: 10-15 per year

Teaching activities: Course development, course responsibility, examiner, lectures, supervision

AI161X, Degree Project in Property Development, First Cycle [Examensarbete inom fastighetsutveckling, grundnivå], 15.0 hp

Time-period: 2011-ongoing

Number of participants: 15-20 per year

Teaching activities: Course development, course responsibility, examiner, lectures, supervision

In the following bachelor courses at KTH I also participate with lectures, seminars and exercises in varying amounts over the years:

- AI1518, Real Estate Development Legislation [Fastighetsutveckling och regelsystem], 7.5 hp
- AI1519, Land Law [Speciell fastighetsrätt], 7.5 hp
- AI1522, Property and Urban Development [Fastighets- och stadsutveckling], 7.5 hp
- AI1525, Legal Framework of the Built Environment [Samhällsbyggandets regelsystem], 7.5 hp
- AG1818 Geodetic Surveying [Geodetisk mätningsteknik], 6 hp

KTH-courses at master level, with major responsibilities

AI2507, Law of Real Estate Formation [Fastighetsbildningsrätt], 7.5 hp

Time-period: 2003-ongoing

Number of participants: 5-10 per year

Teaching activities: Course development, course responsibility, examiner, major part of teaching

AI2505, Law and Economics for Land Use Topics [Rättsekonomi för markanvändning], 7.5 hp

Time-period: 2008-ongoing

Number of participants: 5-10 per year

Teaching activities: Course development, course responsibility, examiner, major part of teaching

AI2510, Infrastructure – Planning and Approval [Infrastrukturrätt – planering och prövning], 7.5 hp

Time-period: 2014-2017

Number of participants: 5-10 per year

Teaching activities: Course development, course responsibility, examiner, major part of teaching

AI2515, Infrastructure Legislation – Responsibility and Financing [Infrastrukturrätt – ansvar och finansiering], 7.5 hp

Time-period: 2014-2016

Number of participants: 5-10 per year

Teaching activities: Course development, course responsibility, examiner, major part of teaching

AI2518, Infrastructure – Responsibility and Financing [Infrastruktur – ansvar och finansiering], 7.5 hp

Time-period: 2016-ongoing

Number of participants: 5-10 per year

Teaching activities: Course development, course responsibility, examiner, major part of teaching

AI2511, Implementation of Development Plans [Plangenomförande], 7.5 hp

Time-period: 2022

Number of participants: 15-20 per year

Teaching activities: Course development, course responsibility, examiner, major part of teaching

AI252X, Degree Project in Real Estate Development and Land Law, Second Cycle [Examensarbete inom Mark- och fastighetsjuridik, avancerad nivå], 30.0 hp

Time-period: 2012-ongoing

Number of participants: 5-10 per year

Teaching activities: Course development, course responsibility, examiner, lectures, supervision

In the following master courses at KTH I also participate with lectures, seminars and exercises in varying amounts:

- AI2508, Compulsory Purchase and Compensation [Markåtkomst och ersättning], 7.5 hp
- AI2513, Urban Land Development [Fastighetsutveckling/Markexploatering], 7.5 hp
- AI2150, Theory of Science and Research Methods [Vetenskaplig grundkurs], 7.5 hp

KTH-courses at doctoral level, with major responsibilities

FAI3022, Real Estate Theory [Teoretiska grundvalar för fastighetsindelning], 7.5 hp

Time-period: 2010-ongoing

Number of participants: 5-10 per round (every second year)

Teaching activities: Course development, course responsibility, examiner, major part of teaching

FAI3021, Qualitative Research Methods in Scientific Dissertations [Kvalitativa metoder i vetenskapliga avhandlingar], 7.5 hp

Time-period: 2010-2019

Number of participants: 5-10 per round (every second year)

Teaching activities: Course development, course responsibility, examiner, major part of teaching

FAI3018, History of Enclosure, Land Tenure, Taxation ... [Fastighetsteknik, historisk översikt], 7.5 hp

Time-period: 2010-ongoing

Number of participants: 3-5 per round (every second year)

Teaching activities: Course development, course responsibility, examiner, major part of teaching

FAI3103, To Write a Literature Review in Real Estate and Construction Management [Att skriva en forskningsöversikt inom samhällsbyggnadsområdet], 7.5 hp

Time-period: 2015-ongoing

Number of participants: 5-10 per round (every second year)

Teaching activities: Course development, course responsibility, examiner, major part of teaching

I am also course responsible and examiner for the following doctoral courses, which however are given on an individual basis and normally structured as a minor research project with supervision:

- FAI3019, Property Studies – Research Front, Minor Course [Fastighetsvetenskap – forskningsfront, mindre kurs], 7.5 hp
- FAI3023, Applied Research Methods in Real Estate Planning [Tillämpad forskningsmetodik inom fastighetsteknik], 7.5 hp
- FAI3024, Applied Research Methodology in Legal Science [Tillämpad forskningsmetodik inom rättsvetenskap], 7.5 hp

Teaching provided in external courses

I have provided lectures and seminars in the following courses, outside of KTH:

- Principal Law of Real Estate [Central fastighetsrätt] 15 ECTS. Stockholm University, Department of Law.
- Law of Real Estate [Fastighetsrätt] 15 ECTS. Uppsala University, Faculty of Law.
- Urban Design with 3D Cadastre and Property Rights 3 ECTS. The Technical Doctoral School of IT and Design at Aalborg University.

Teaching provided in international projects

- ADLAND project: Curriculum development for Master programme in Land Governance and Property Rights. University of Zambia (2018)
- EU Tempus (Trans-European mobility scheme for university studies) Programme: A number of teaching activities (lectures, exercises and field studies) with students from East Africa, Serbia, Belarus and Uzbekistan. (2004-2011)

- COST Project (Co-ordination in the field of Scientific and Technical Research), sub-programme Modelling Real Property Transactions: A number of lectures presentations and seminars under different themes (2002-2006).

Production and development of teaching and learning material

Over the years I have produced an extensive amount of teaching and learning material in various forms, such as textbooks and other course literature, as well as comprehensive guidelines for exercises and seminars.

Listed below is a compilation of *textbooks* that I have produced and developed for my own and other courses. These are also used as course literature at other universities, such as the Faculty of Engineering at Lund University [Lunds Tekniska Högskola], University West [Högskolan Väst], Uppsala University [Uppsala universitet] and Stockholm University [Stockholms universitet]. They are also acquired by the Swedish Mapping, Cadastral and Land Registration Authority [Lantmäteriet], for new employees.

- Ekbäck, Peter (2016) *Fastighetsbildning och fastighetsbestämning. Om fastighetsbildningslagen m.m.* [Property Formation and Property Definition. On the Property Formation Act etc.] 3 edition. TRITA-FAT-Rapport 4:109. Div. of Real Estate Planning and Land Law, KTH. (278 pages)
- Ekbäck, Peter (2016) *Fastighetssamverkan för utförande, drift och förvaltning av gemensamma anläggningar. Särskilt om anläggningslagen och lagen om förvaltning av samfälligheter.* [Real Property Cooperation for the Design, Operation and Management of Common Facilities. In Particular the Joint Facilities Act and the Joint Property Units Management Act.] 3 edition. TRITA-FAT-Rapport 4:101. Div. of Real Estate Planning and Land Law, KTH. (113 pages)
- Ekbäck, Peter (2016) *Lagstiftning om ledningar. Särskilt om ledningsrättslagen.* [Legislation on Wires, Pipelines and Cables. In Particular the Utility Easements Act.] 3 edition. TRITA-FAT-Rapport 4:102. Div. of Real Estate Planning and Land Law, KTH. (79 pages)
- Sjödin, Eije; Ekbäck, Peter; Kalbro, Thomas & Norell, Leif (2016) *Markåtkomst och ersättning. För bebyggelse och infrastruktur.* [Compulsory Land Acquisition and Compensation. For Buildings and Infrastructure.] 4 edition. Wolters Kluwer, Stockholm. (249 pages)

Other types of *course literature* that I have produced can be exemplified by the following two papers:

- Ekbäck, Peter (2008) *Lag om byggande av järnväg – en översikt.* [The Railway Construction Act – An Overview.] Avd. för Fastighetsvetenskap, KTH. (22 pages)
- Ekbäck, Peter (2008) *Väglagen – en översikt.* [The Public Roads Act – An Overview.] Avd. för Fastighetsvetenskap, KTH. (17 pages)

As an example of *guidelines for exercises* that I have produced, the following can be mentioned:

- Ekbäck, Peter (2014) *Att söka och tolka historiska kartor och akter på landsbygden – Exempel för byn Lågarö.* [To Search and Interpret Historical Maps and Cadastral Dossiers in Rural Areas - Example for the Village of Lågarö.] (17 pages)

The exercise guide gives a general background to the development of a rural village in Sweden from around 1700 up to present, and detailed instructions for searching and interpreting historical maps in the Swedish Mapping, Cadastral and Land Registration Authority's digital archive over historical maps and cadastral dossiers.

Educational administration and leadership roles

Main Responsibility for Development of Nordic PhD School for Collaboration in Research Education

Time-period: 2021-ongoing

Scope and tasks: Development of joint doctoral courses, joint PhD seminars, exchange programme for teachers and PhD students. Course planning, quality assessments and improvements, support to supervisors and students.

Member of Programme Council for doctoral programme The Built Environment and Society: Management, economics and Law [Samhällsbyggnad: Management, ekonomi och juridik]

Time-period: 2018-ongoing

Scope and tasks: Development of programme and doctoral courses. Course planning, quality assessments and improvements, support to supervisors and students.

Member of Working Group for educational programmes in Land Surveying [Lantmäteri] at KTH

Time-period: 2017-ongoing

Scope and tasks: Mapping and evaluation of today's educational programmes concerning land surveying courses and sequences. Planning of new educational programmes. Production of reports and proposals.

Programme Director (and director of studies) for doctoral programme The Built Environment and Society: Management, economics and Law [Samhällsbyggnad: Management, ekonomi och juridik]

Time-period: 2011-2017

Scope and tasks: Main responsibility during drafting and development of programme. Head of programme council, main responsibility for course planning, quality assessments and improvements, support to supervisors and students.

Member of Management Team for educational programme Cadastral Assistant in Land Surveying, University of Applied Sciences in Helsingborg [Ledningsgruppen för utbildningsprogram Förrättningsassistent inom Lantmäteri, Yrkeshögskolan i Helsingborg]

Time-period: 2015-2019

Scope and tasks: Representative for higher education. Responsible for determining course syllabi, admission of students, transfer of credits, issuing of certificates and diplomas. General responsibility for quality of educational programme.

Member of Faculty Council's advisory group [Fakultetens förtroenderåd] at KTH

Time-period: 2010-2013

Scope and tasks: Preparations, discussions and settling of important issues before meetings of KTH Faculty Council.

Supervision at first and second cycle levels

The list below is a compilation of the five most recent degree projects where I have been the main and sole supervisor with full responsibility:

- Nilsson, Ulf (2024) *Värderingsmetoder vid tvångsvis fastighetsreglering m.m. Tillvägagångssätt vid lantmäteriförrättningar enligt lag och i praktik*. [Valuation Methods in Compulsory Property Reallocation: Approaches in Cadastral Procedure According to Law and in Practice.] Master level, KTH (30.0 hp), TRITA-ABE-MBT-24316.
- Cvijetic, Ana & Kaouria, Fadi (2024) *Greenwashing i fastighetsbranschen. Incitamenten för greenwashing och regelverkens påverkan på fenomenet*. [Greenwashing in the Real Estate Business.] Bachelor level, KTH (15.0 hp), TRITA-ABE-MBT-24318.
- Henschen Ingvar, Filippa & Palm, Sarah (2024) *Klimatrisikanalyser vid fastighetsvärdering - Värdering av Sveriges fastigheter under klimatförändring*. [Climate Risk Assessments in Real Estate Valuation – Valuing Swedish Properties Amid Climate Change.] Bachelor level, KTH (15.0 hp), TRITA-ABE-MBT-24332.

- Skog Åkerlind, Märta Hartman (2024) *Tomträttens brister och möjligheter. En studie om kommuners syn på tomträttsinstitutionen och de största fördelarna och utmaningarna med nyttjanderätten.* [Challenges and Opportunities of Site Leaseholds.] Bachelor level, KTH (15.0 hp), TRITA-ABE-MBT-24333.
- Hartman Axelsson, Alexander & Hjorth, Fredrik (2023) *Hantering av samfälligheter i gemensamhetsanläggningar.* [Handling of Joint Property Units in Joint Facilities.] Bachelor level, KTH (15.0 hp), TRITA-ABE-MBT-23216.

Supervision at third cycle level

Below are the successfully completed postgraduate studies listed, where I have been main supervisor with full responsibility for the doctoral students. References are made to published theses.

- Linda Aldén (2024) *Koordinatbestämda fastighetsgränser. Analys av förutsättningar och förslag till reform av det svenska gränssystemet.* [Coordinate Defined Real Property Boundaries. Analysis of conditions and a proposal for reform of the Swedish boundary system.] TRITA-ABE-DLT-2421. Div. of Surveying – Geodesy, Land Law and Real Estate Planning, KTH.
- Anna Hrdlicka (2024) *Tidig medborgardialog i svensk detaljplanering.* [Early Citizen Dialogue in Swedish Land Use Planning.] TRITA-ABE-DLT-245. Div. of Surveying – Geodesy, Land Law and Real Estate Planning, KTH.
- Sabel, Linda (2019) *Samhällets styrning av fastighetsindelningen. Dåtid, nutid och framtid.* [Public control over real property division. Past, present and the future.] TRITA-ABE-DLT-192. Div. of Real Estate Planning and Land Law, KTH.
- Joseph Moyo, Kerbina (2017) *Women's Access to Land in Tanzania. The Case of the Makete District.* Doctoral Thesis in Real Estate Planning and Land Law. TRITA-FOB-DT-2017:3. Div. of Real Estate Planning and Land Law, KTH.
- Mono Wabineno Oryema, Lilian (2016) *A Real Property Register to Support the Property and Credit Market in Uganda.* Doctoral Thesis in Real Estate Planning and Land Law. TRITA-FOB-DT-2016:3. Div. of Real Estate Planning and Land Law, KTH.
- Gashu Adam, Achamyeleh (2015) *Peri-Urban Land Tenure in Ethiopia.* Doctoral Thesis in Real Estate Planning and Land Law. TRITA-FOB-PHD 2015:1. Div. of Real Estate Planning and Land Law, KTH.
- Paasch, Jesper (2012) *Standardization of Real Property Rights and Public Restrictions. The Legal Cadastral Domain Model.* Doctoral Thesis in Real Estate Planning. TRITA-FOB-PHD 2012:4. Div. of Real Estate Planning and Land Law, KTH
- Vaskovich, Marina (2012) *Real Property Processes. An Explorative Study of Property Institutions in Belarus.* Doctoral Thesis in Real Estate Planning. TRITA-FOB-PHD 2012:1. Div. of Real Estate Planning and Land Law, KTH

Below are the successfully completed postgraduate studies listed, where I have been assistant supervisor for the doctoral students. References are made to published theses.

- Urassa, Jenesta (2022) *Changing Customary Land Tenure Regimes in Tanzania: The case of women's land rights in matrilineal and patrilineal communities.* Doctoral Thesis in Real Estate Construction and Management. TRITA-ABE-DLT-2235. Div. of Real Estate Planning and Land Law, KTH.
- Bergsten, Lisa (2023) *Housing tenures in Sweden; from rental to ownership and intermediate tenures.* Licentiate thesis in Real Estate and Construction Management. TRITA-ABE-DLT-2325. Div. of Surveying – Geodesy, Land Law and Real Estate Planning, KTH.

I am at present main supervisor for the following doctoral students:

- Hussein Kayera, working title: *Land Conflicts on Agricultural Land in Tanzania: Lessons from Investment Farms in Bagamoyo and Kilombero Districts*. Examination planned during 2024 (doctoral degree).
- Olov Olsson, working title: *Cooperation within the Public Sector – Case Studies in the Domain for Spatial Data Infrastructure*. Examination planned during 2025 (doctoral degree).
- Varazdat Hovhannisyan, working title: *Comparative Analysis of Problems with Expropriation Practice: The Armenian Case*. Examination planned during 2025 (licentiate degree).

I am at present assistant supervisor for the following doctoral students:

- Jonny Flodin, working title: *Formkrav, föravtal och kommission avseende köp av fast egendom*. [Formal Provisions, Letters of Intent, and Commissions regarding Purchase of Real Estate.] Examination planned during 2025 (doctoral degree).
- Anna Thuresson, working title: *Skydd av svensk registerdata rörande ägande, värde och användning av fast egendom vid kris eller krig*. [Protection of Swedish register data concerning ownership, value and use of real property in case of crisis or war.] Examination planned during 2026 (licentiate degree).

Pedagogical activity outside the higher education institution

External one-day course given on a yearly basis, at BG Institute, Stockholm: Real Property Formation in the Land Development Process – System, legislation, and illustrating court cases [Fastighetsbildning i samhällsbyggandet – System, lagstiftning och belysande rättsfall]. (2019 – ongoing)

4.3 Higher education courses in teaching and learning

Below are a list of pedagogical courses taken as part of my personal pedagogical training and development as a teacher.

- LH207V, Doctoral Supervision (3.0 hp). Completed 2009 at KTH. The overall aim with this course is that the participants should be able to reflect on and develop in their role as research supervisors.
- LH219V, Supervision and Assessment of Degree Project Work in First and Second Cycle (3.0 hp). Completed 2016 at KTH. The intended learning outcomes from this course comprises pedagogical development as a planner, supervisor and examiner for degree project courses.
- LH231V, Teaching and Learning in Higher Education (7.5 hp). Completed 2016 at KTH. The purpose of this course is to give the participants opportunities to develop the knowledge, skills, abilities and attitudes needed in academic teaching in order to best support and facilitate the students' learning in higher education.
- LH216V, Develop the Learning by Using Grading Criteria (1.5 hp). Completed 2016 at KTH. The aim of this course is that the course participants should learn how to design criterion-referenced grading criteria and how to adapt the assessment to those criteria.

5. Management and Collaboration

5.1 Management education

- Department Management Team Development, held by Gaia Leadership (2020)
- Educational programme in "Genusmedvetet ledarskap" [Gender Perceptiveness in Leadership], held by Business Leadership Academy [Näringslivets Ledarskapsakademi] (2018-2019)

5.2 Management tasks and administration

Head of Division of Real Estate Planning and Land Law

Time-period: 2019-2022

Scope and tasks: Responsibilities within the division as employer for staff; manage and distribute work tasks, employee development, salary discussions, workplace meetings, finances and financial decisions, preparation and signing of decisions, recruitment, workplace environment.

Unit's size: The division has a staff of 7-8 researchers, teachers and doctoral students

Vice head of Department of Real Estate and Construction Management

Time-period: 2017-2019

Scope and tasks: Support and substitute for the Head of Dept. in matters on research, education and collaboration with society, staff, finances, administration, and workplace environment.

Unit's size: The department has a staff of 50-60 researchers, teachers and doctoral students

Member and secretary in Department's group for trade union collaboration

Time-period: 2017-2019

Scope and tasks: Representative for employer, convener, and secretary.

Programme director of doctoral programme

Time-period: 2011-2017

Scope and tasks: Main responsibility during drafting and development of programme. Head of programme council, main responsibility for course planning, quality assessments and improvements, support to supervisors and students.

Unit's size: 35-40 doctoral students, 15-20 supervisors

Member of Faculty Council's advisory group [Fakultetens förtroenderåd] at KTH

Time-period: 2010-2013

Scope and tasks: Preparations, discussions and settling of important issues before meetings of KTH Faculty Council.

5.3 Other external contacts and external activities

Representative for research and education in Real Estate Planning and Land Law at KTH in *Lantmäteriets Mark- och fastighetsråd* [Council of Land and Real Property], a professional organization with interests in the Swedish Mapping, Cadastral and Land Registration Authority's field of operation (representatives from Swedish Transport Administration, Swedish Environmental Protection Agency, Swedish Construction Federation, Swedish Energy Companies, Government offices, etc.). The Council of Land and Real Property has meetings twice a year. (2010-ongoing)

Representative for KTH educational programmes in the land surveying field for *Lantmäteriets arbetsgrupp för kompetensförsörjning* [Working group on supply of competence and skilled professionals in the land management labor market]. The working group has representatives from the Swedish Mapping, Cadastral and Land Registration Authority, Swedish Transport Administration, Swedish Environmental Protection Agency, Swedish Construction Federation, etc. (2023-ongoing)

