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Kvalifikationer

Byggproduktion, Civil Ingenjör inom Väg och Vatten

Anställning

Biträdande universitetslektor
Avdelningen för Byggproduktion
Lunds universitet
Sverige
2016 mars 22 → present

Profilområdesmedlem

LTH profilområde: Cirkulär byggindustri
Lunds universitet
Sverige
2022 juni 28 → present

Forskningsoutput

Circular economy competencies in Swedish architecture and civil engineering education

Vergani, F., Lisco, M. & Sundling, R., 2024 sep. 5, *12th Nordic Conference on Construction Economics and Organisation*. IOP Publishing, Vol. 1389. 1389. (IOP Conference Series: Earth and Environmental Science).

Ecosystems and Reuse of Building Materials: An Exploratory Study

Vergani, F., Sundling, R. & Martinez, C., 2023, *SDGs in Construction Economics and Organization: The 11th Nordic Conference on Construction Economics and Organisation (CREON), May 18-20, 2022*. Lindahl, G. & Gottlieb, S. C. (red.). Springer, s. 121-135

Probabilistic risk analysis and building performance simulations: Building design optimisation and quantifying stakeholder consequences

Ekström, T., Sundling, R., Burke, S. & Harderup, L. E., 2021 dec. 1, I: *Energy and Buildings*. 252, 111434.

Why are we not renovating more? An elaboration of the wicked problem of renovating apartment buildings

Sundling, R. & Szentes, H., 2021, I: *Civil Engineering and Environmental Systems*. 38, 3, s. 197-221 25 s.

Proposed method for Probabilistic Energy Simulations for Multifamily Dwellings

Burke, S., Carling, P., Davidsson, H., Davidsson, K., Ekström, T., Harderup, L.-E., Kronvall, J., Sahlin, P., Sundling, R. & Wiktorsson, M., 2020, (Submitted) *12th Nordic Symposium on Building Physics (NSB 2020)*. 25011. (E3S Web of Conferences; vol. 172).

A development process for extending buildings vertically – based on a case study of four extended buildings

Sundling, R., 2019, I: *Construction Innovation*. 19, 3, s. 367-385

Enabling energy-efficient renovation: the case of vertical extension to buildings

Sundling, R., Blomsterberg, Å. & Landin, A., 2019, I: Construction Innovation. 19, 1, s. 2-14

Factors influencing the outcome of renovation projects

Sundling, R., 2019, Lund: Byggproduktion, Lunds Universitet. 91 s.

Lifecycle profit analysis of prefabricated multi-active façades

Sundling, R., Olander, S., Wallentén, P., Burke, S., Bernardo, R. & Blomsterberg, Å., 2019, I: International Journal of Building Pathology and Adaptation. 37, 5, s. 565-578

Vertical Extension of Buildings

Nilsson, R., 2017 apr. 6, Lund: Lund University. 67 s.

Multi-active façade for refurbishments of residential buildings

Gosztanyi, S., Stefanowicz, M., Bernardo, R., Blomsterberg, Å., Burke, S. & Nilsson, R., 2016 sep. 15, I: Journal of Façade Design and Engineering. 4, 3

Vertical Extension of Buildings as an Enabler of Energy Renovation

Nilsson, R., Blomsterberg, Å. & Landin, A., 2016 juni 1, (Unpublished). 10 s.

An exploratory study of the practice of stakeholder participation in densification projects

Martínez-Ávila, C., Nilsson, R., Olander, S. & Landin, A., 2016 maj 30, s. 1-13.

Energi- och Miljörenovering av miljonprogramshus - Backa Röd i Göteborg

Blomsterberg, Å. & Nilsson, R., 2015 feb. 27, Bygg & teknik, s. 46-51.

Forskningsmedel

Beräkningsmetod för sannolik energianvändning i flerbostadshus

Sundling, R. (PI)

Energimyndigheten: 240 000,00 kr

2019/01/01 → 2021/12/31

Projekt

Förstudie av prefabricerade multiaktiva fasadelement för energirenovering av flerbostadshus

Blomsterberg, Å. (PI), Bernardo, R. (Forskare), Gosztanyi, S. (Forskare), Sundling, R. (Forskarstuderande), Olander, S. (Forskare) & Burke, S. (Forskare)

2015/10/01 → 2017/09/30

International Energy Agency: Cost Effective Energy and Carbon Emissions Optimization in Building Renovation project

Sundling, R. (PI) & Blomsterberg, Å. (PI)

2014/01/01 → 2016/06/30

RECONCILE

Sandberg, G. (Forskare), Persson, K. (Forskare), Landin, A. (Forskare), Serrano, E. (Forskare), Persson, P. (Forskare), Flodén, O. (Forskare), Sundling, R. (Forskare), Arfvidsson, J. (Forskare), Harderup, L.-E. (Forskare) & Abdul Hamid, A. (Forskare)

2020/07/01 → 2022/09/30

Reuse of building materials - Circular economy in the building sector from a management perspective

Vergani, F. (Forskare), Landin, A. (Handledare), Sundling, R. (Biträdande handledare) & Martinez, C. (Forskare)

2021/01/10 → 2026/08/31

