

## CV

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## Work experience

02/0222- : Department of Mathematics, KTH, Stockholm, Guest lecturer  
01/2021-01/2022: Mathematical Sciences, Chalmers University of Technology, Guest lecturer  
03/2019- : Stockholm Resilience Centre, Stockholm University, Researcher  
02/2017-02/2019: Stockholm Resilience Centre, Stockholm University, Postdoctoral researcher  
10/2016-12/2016: Department of Mathematics, Linköping University, University adjunct  
09/2011-09/2016: Department of Mathematics, Linköping University, PhD student

## Education

2011-2016: PhD student, Department of Mathematics, Linköping University  
2010-2011: PhD exchange student, Department of Mathematics, Sofia University, Bulgaria  
2006-2010: PhD student, Department of Mathematics, University of Nis, Serbia

## Teaching education

Learning and Knowledge – Basic Course in Higher Education Pedagogy, Linköping University 2012  
Course Design and Implementation – Advanced Course in Higher Education, Linköping University 2016

## Research grants

Swedish Research Council Formas annual open call for Early-Career Researchers 2021 (4 mil SEK)

Stiftelsen Längmanska kulturfonden 2020 (20 000 SEK)

Helge Ax:son Johnson stiftelse 2018 (20 000 SEK)

Stiftelsen Längmanska kulturfonden 2018 (18 000 SEK)

Wenner-Gren stiftelse 2018 (8000 SEK)

Erasmus Mundus PhD exchange 2010 (20 000 EUR)

## Publication list

### Peer-reviewed articles

1. V. Kozlov, **S. Radosavljevic**, V. Tkachev, U. Wennergren. *Global stability of an age-structured population model on several temporally varying patches*. Journal of Mathematical Biology, (2021) 83:68, <https://doi.org/10.1007/s00285-021-01701-3>
2. T. Banitz, T. Hertz, L.-G. Johansson, E. Lindkvist, R. Martínez Pena, **S. Radosavljevic**, K. Wennberg, M. Schlüter, P. Ylikoski, V. Grimm. *Visualization of causation in social-ecological systems*. Accepted by Ecology & Society.
3. **S. Radosavljevic**, L. J. Haider, S. Lade, M. Schluter. *Implications of poverty traps across levels*. (2021). World Development. Volume 144, 105437, <https://doi.org/10.1016/j.worlddev.2021.105437>

4. Elsler, L.G., Frawley, T.H., Britten, G.L., Crowder, L.B., Gilly, W.F., **Radosavljevic, S.**, Schlüter, M., DuBois, T, A. S. Crepin. *Social relationship dynamics mediate climatic impacts on income inequality: evidence from the Humboldt squid fishery*. *Regional Environ Change* **21**, 35 (2021).  
<https://doi.org/10.1007/s10113-021-01747-5>
5. Martin, R., **Radosavljevic, S.**, Schlüter, M. (2020). *Short-term decisions in lake restoration have long-term consequences for water quality*. *Regional Environmental Change*, 20(3), 1-12.  
<https://doi.org/10.1007/s10113-020-01643-4>
6. **S. Radosavljevic**, L.J. Haider, S. Lade, M. Schluter. *Effective alleviation of rural poverty depends on the interplay between assets, nutrients, water and soil quality*, *Ecological Economics*, Vol. 169, (2020),  
[doi.org/10.1016/j.ecolecon.2019.106494](https://doi.org/10.1016/j.ecolecon.2019.106494)
7. J. Andersson, V. Kozlov, **S. Radosavljevic**, V. Tkachev, U. Wennergren. *Density-dependent feedback in age-structured populations*. *Journal of Mathematical Sciences* Vol. 242, No. 1, (2019),  
<https://doi.org/10.1007/s10958-019-04464-x>
8. V. Kozlov, **S. Radosavljevic**, U. Wennergren. *Large-time behavior of the logistic age-structured population model in a variable environment*. *Asymptotic Analysis* 102.1-2 (2017): 21-54.
9. V. Kozlov, **S. Radosavljevic**, B. O. Turesson, U. Wennergren. *Estimating effective boundaries of population growth in a variable environment*, *Boundary Value Problems* 2016: 172, DOI: 10.1186/s13661-016-0681-9
10. **S. Radosavljevic** and D. S. Djordjevic. *On pairs of generalized and hypergeneralized projections in a Hilbert space*. *Functional Analysis, Approximation and Computation* 5:2 (2013), 67-75

#### Peer-reviewed conference papers

11. **S. Radosavljevic**. *Poverty traps in multilevel systems*. 11<sup>th</sup> International Conference on Dynamical Systems Applied to Biology and Natural Science, DSAMNS 2020, Trento, Italy, 2020, ISBN: 978-989-98750-7-4
12. **S. Radosavljevic**, L.J. Haider, S. J. Lade, M. Schluter. *Poverty traps as social-ecological phenomena: dynamical systems approach*. 11<sup>th</sup> European Conference on Mathematical and Theoretical Biology, Lisbon, Portugal, 23 to 27 July, 2018, ISBN: 978-989-98750-5-0
13. V. Kozlov, **S. Radosavljevic**, V. Tkachev, U. Wennergren, *Persistence analysis of the age-structured population model on several patches*, *Proceedings to the 16th international conference on computational and mathematical methods in science and engineering, CMMSE 2016*, Costa Ballena, Cadiz, Spain, 4-8 July, 2016, 717-727
14. **S. Radosavljevic**, U. Wennergren, V. Kozlov. *Logistic age-structured population model in changing environment*. *Sixth Workshop Dynamical Systems Applied to Biology and Natural Sciences DSABNS 2015* Lisbon, Portugal, February 4-6, 2015, ISBN: 978-989-98750-1-2
15. U. Akram, **S. Radosavljevic**, N-H. Quttineh, U. Wennergren. *Managing locally available nutrients for ecosystem health and future food security: A spatial analysis in Sweden and Pakistan*. *Proceedings of the 2nd International Conference on Global Food Security*, October 11-14, 2015, Ithaca, NY, USA.

## **Conferences**

1. Princeton-PIK-SRC Workshop on: Network Resilience, Sustainable Cities, and the Global Food System, 2020, online, presentation
2. 11<sup>th</sup> Conference on Dynamical Systems Applied to Population Dynamics and Ecology, Trento, Italy, 2020, presentation
3. Workshop on Mathematical Biology, Linköping 2019, presentation
4. 10<sup>th</sup> Swedish Meeting on Mathematics in Biology, Stockholm 2018, presentation
5. Conference on Complex Systems, Thessaloniki, Greece 2018, presentation
6. 2<sup>nd</sup> Global Conference on Applied Physics, Mathematics and Computing, Madrid, Spain, 2018, presentation
7. 11<sup>th</sup> European Conference on Mathematical and Theoretical Biology, Lisbon, Portugal 2018, presentation
8. Resilience 2017, Stockholm 2017, participation
9. 7<sup>th</sup> Swedish Meeting on Mathematics in Biology, Uppsala 2015, presentation
10. Mathematical Models in Ecology and Evolution, Paris, France 2015, presentation
11. PDE's, potential theory, function spaces, Linköping 2015, presentation
12. 6<sup>th</sup> Workshop Dynamical Systems Applied to Biology and Natural Sciences, Lisbon, Portugal 2015, presentation
13. 9<sup>th</sup> European Conference on Mathematical and Theoretical Biology, Gothenburg 2014, presentation
14. Dynamical Systems Applied to Population Dynamics and Ecology, Torino, Italy 2014, presentation
15. 6<sup>th</sup> Swedish Meeting on Mathematics in Biology, Linköping 2014, presentation
16. 5<sup>th</sup> Swedish Meeting on Mathematics in Biology, Stockholm 2013, participation

## **Referee work**

Ecological economics (2018),

The World Bank Economic Review (2018),

Conservation Biology (2019),

Mathematics and Computers in Simulation (2019, 2020),

Mathematical Methods in the Applied Science (2020)