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### **Employment:**

2014-now Associate Professor, Dept. of Social Geography and Regional Development, Faculty of Science, Charles University Prague (contract 100% as per the standards of the Accreditation commission; no other regular contracts elsewhere)  
2013-2016 Vice Dean, Faculty of Science, Charles University in Prague  
2004-2014 Assist. Prof., Dept. of Social Geography and Regional Development, Faculty of Science, Charles University Prague  
2004 Ernst and Young, Prague

### **Education:**

*Faculty of Science, Charles University, Prague*

2000 - 2004 Ph.D. degree in Social Geography and Regional Development  
1998 - 2000 Master degree in Social Geography and Regional Development  
1995 - 1998 Bachelor degree in Geography and Cartography

### **Research interests:**

Economic and population geography, Development studies, Environmental studies, Globalization and international development, Spatial data analysis.

### **Teaching:**

Development studies; Globalization; Geography of international development; Statistics; Theory of social geography; Global systems; Seminars with experts from practice; Project planning and evaluation.

### **Supervision:**

Supervision of 4 students who successfully completed PhD; supervision of 7 on-going doctoral students; supervision of 30 MSc. or BSc. students who successfully defended their theses and graduated.

### **Publications in peer-reviewed journals – last 5 years:**

- NOVOTNÝ, J., KOLOMAZNÍKOVÁ, J., HUMŇALOVÁ, J. (2017): The Role of Perceived Social Norms in Rural Sanitation: An Explorative Study from Infrastructure-Restricted Settings of South Ethiopia. *Int. J. Environ. Res. Public Health*, 2017, 14, 794.
- ŽENKA, J., NOVOTNÝ, J., SLACH, O., IVAN, I. (2017): Spatial Distribution of Knowledge-Intensive Business Services in a Small Post-Communist Economy. *Journal of the Knowledge Economy*, 8, 2, 385–406.
- NOVOTNÝ, J., HASMAN, J. (2016): Exploring the spatial relatedness network of the global system of international migration. *Journal of Maps*, 12, sup1, 570-576.
- HASMAN, J., NOVOTNÝ, J. (2016): Uncovering the Patterns of the US Geography of Immigration by an Analysis of Spatial Relatedness between Immigrant Groups. *Applied Spatial Analysis and Policy*, Online first.

- NOVOTNÝ, J., BLAŽEK, J., KVĚTOŇ, V. (2016): The anatomy of difference: comprehending the evolutionary dynamics of economic and spatial structure in the Austrian and Czech economies. *European Planning Studies*, 24, 4, 788-808.
- IMRE, A., NOVOTNÝ, J. (2016): Fractals and the Korcak-law: a history and a correction. *European Physical Journal H*, 41, 1, 69-91.
- VLČKOVÁ, J., NOSEK, V., NOVOTNÝ, J., LUPÍŠEK, A. (2015): Carbon dioxide emissions embodied in international trade in central Europe between 1995 and 2008. *Moravian Geographical Reports*, 23, 4, 2-13.
- NOVOTNÝ, J., HASMAN, J., (2015): The emergence of regional immigrant concentrations in USA and Australia: a spatial relatedness approach. *PLoS ONE*, 10(5): e0126793.
- HASMAN, J., NOVOTNÝ, J. (2015): Cross-national variation in income inequality and its determinants: an application of Bayesian model averaging on a new standardized inequality data set. *Prague Economic Papers*, 24, 2, 211-224.
- ŽENKA, J., NOVOTNÝ, J., SLACH, O., KVĚTOŇ, V. (2015): Industrial specialization and economic performance: a case of Czech microregions. *Norsk Geografisk Tidsskrift - Norwegian Journal of Geography*, 69, 2, 67-79.
- ŽENKA, J., NOVOTNÝ, J., CSANK, P. (2014): Regional competitiveness in Central European countries: in search of a useful conceptual framework. *European Planning Studies*, 22, 1, 164-183.
- NOVOTNÝ, J., KUBELKOVÁ, J., JOSEPH, V. (2013): A multi-dimensional analysis of the impacts of the Mahatma Gandhi National Rural Employment Guarantee Scheme: a tale from Tamil Nadu. *Singapore Journal of Tropical Geography*, 34, 3, 322-341.
- SLACH, O., KOUTSKÝ, J., NOVOTNÝ, J., ŽENKA, J. (2013): Creative industries in the Czech Republic: a spatial perspective. *E + M Ekonomie a Management*, 2013/4, 14-29.
- NOVOTNÝ, J., CHESHIRE, J. (2012): The surname space of the Czech Republic: examining population structure by network analysis of spatial co-occurrence of surnames. *PLoS ONE*, 7(10), e48568.
- NOVOTNÝ, J., CHESHIRE, J. (2012): The surname space of the Czech Republic: examining population structure by network analysis of spatial co-occurrence of surnames. *PLoS ONE*, 7(10), e48568.
- IMRE, A., NOVOTNÝ, J., ROCCHINI, D. (2012): The Korcak-exponent: a non-fractal descriptor for landscape patchiness. *Ecological Complexity*, 12, 70-74.
- NOVOTNÝ, J., NOSEK, V. (2012): Comparison of regional inequality in unemployment among four Central European countries: an inferential approach. *Letters in Spatial and Resource Sciences*, 5, 2, 95-101.