Alena Bartosova, Ph.D.
List of Publications and Presentations

**PEER REVIEW JOURNAL PUBLICATIONS**

1. **Bartosova A**, Capell R, Olesen JE, Jabloun M, Refsgaard JC, Donnelly C, Hyytiäinen K, Pihlainen S, Zandersen M, and Arheimer B. Future socioeconomic conditions may have larger impact on nutrient loads to the Baltic Sea than climate change. (Accepted to Ambio December 2018)

2. Verma S, **A Bartosova**, M Markus, R Cooke, MJ Um and D Park. Quantifying the Role of Large Floods in Riverine Nutrient Loadings Using Linear Regression and Analysis of Covariance. Sustainability 2018, 10(8), 2876; https://doi.org/10.3390/su10082876


**In Review**

1. Capell R, A **Bartosova**, K Tonderski, B Arheimer, SM Pedersen, and A Zilans. From local measures to regional impacts? Modelling changes in nutrient loads to the Baltic Sea from stakeholder-devised development pathways. (Submitted to Ambio)


3. T-S Neset, J Wilk, C Navarra, R Capell, A **Bartosova**: Visualization supported dialogues in the Baltic Sea Region. (Submitted to Ambio)

**PEER REVIEWED SCIENTIFIC REPORTS**

ISWS Contract Reports can be accessed from https://www.ideals.illinois.edu/


**OTHER SCIENTIFIC REPORTS**


of Natural Resources. Final report will be made public after the litigation is final. Illinois State Water Survey, Champaign, IL.


**INVITED PRESENTATIONS**

1. Source to Sea – Modeling Hydrology and Water Quality of Rivers. Workshop organized by the Swedish Agency for Marine and Water Management (HaV) at the Swedish University of Agriculture Sciences (SLU), Uppsala, Sweden, May 28 2018


3. From Source to Sea: Fostering Global Water Quality Knowledge and Community. IAHS-ICWQ-Panta Rhei Workshop on Water quality – a component of the water-energy-food nexus. Guangzhou, China, 4-5 December 2017

4. HELCOM – BONUS BALTICAPP regional workshop on the use of ecological-economic research to support and improve marine policy implementation in the Baltic Sea region, Stockholm, 29-30 March 2017


7. INRS Water Quality Seminar Series. October 19, 2010, Champaign, IL.

8. Ven Te Chow Hydrosystems Laboratory Seminar Series, University of Illinois at Urbana-Champaign. October 9, 2009, Champaign, IL

9. Joint Colloquium by Center for Water Resource Studies and Department of Geography and Geology, Western Kentucky University, Bowling Green, KY. May 12, 2006
10. Poplar Creek Watershed Group Meeting. Streamwood, IL. 29 October, 2004
11. Department of Civil and Environmental Engineering Seminar, Northeastern University, Boston, MA. November 21, 2003
12. Environmental Seminar Series, November 1996, Department of Civil & Env. Eng., Marquette University, Milwaukee, WI.

CONFERENCE AND OTHER PROFESSIONAL PRESENTATIONS


19. Alena Bartosova, 2011. *Beyond Water Quality Simulation*. Prairie Lightning Symposium, November 16, 2011, Champaign, IL. [https://www.youtube.com/watch?v=gQyLaPqYi1g&noredirect=1](https://www.youtube.com/watch?v=gQyLaPqYi1g&noredirect=1)


49. A. Bartošová et al., 1996. Morava River Basin Study. Control of Point and Non-Point Source Pollution. Environmental Seminar Series, November 1996, Department of Civil & Env. Eng., Marquette University, Milwaukee, WI.