

## EDUCATION

### **School of Public and Environmental Affairs, Indiana University, Bloomington (USA)**

2003 – pres. Doctoral student; PhD Candidate (ABD): Thesis: “*Three Essays on Inter-Jurisdictional Competition in Industrial And Environmental Policy*”, Expected completion - Fall 2010.

Majors: Public Affairs

Fields: 1. Policy Analysis;

2. Environmental Policy.

Minor 1: Business Economics and Public Policy;

Minor 2: Environmental Science.

2001 – 2003 Joint Degree *MPA and MSES* – 2003; (Muskie Scholarship recipient);  
Major: Environmental Systems and Modeling

### **Physics Faculty, I.I.Mechikov Odessa State University (Ukraine)**

1996 Candidate Thesis defended and Degree of *Candidate of Sciences (PhD equiv)* in Physics and Mathematics conferred  
Diploma of *Candidate of Sciences* (equivalent to PhD in Physics and Mathematics)

1988 – 1992 Post Graduate School; Main coursework in Physics, Philosophy and English language.

1981-1986 Physics Faculty. Coursework in General Physics; Higher Mathematics; Theoretical Physics;  
Diploma *cum laude* in Physics

## EXPERIENCE

### **Indiana University, Bloomington**

*Associate Instructor* – Teaching: SPEA-K 300 Introductory Statistics – Fall 2004, Spring 2006, Fall 2008;  
SPEA-V 370 Research Methods and Statistical Modelling – Spring 2010; Fall 2010;

*Graduate and Research Assistant* in grad. courses: Applied Mathematics for the Environmental Science – Fall 2001 (assist. to Prof. D.F.Parkhurst); Managerial Economics – Fall 2002 (assist. to Prof. R. Reuenv); As a team member worked in EPA project R82895201 (assist to David Good) ”Looking Inside the Black Box: Microlevel Empirical Analyses of the Impact of State and Federal Policy Instruments on Hazardous Waste Generation and Management” – responsibilities were – data collection and development, statistical analysis.

*Reference Consultant* – 2007- 2009 - Business/SPEA Information Commons – Provide comprehensive reference services to scholars using business databases.

*Intern* – SPEA– 2002, (with Prof. Krutilla)

### **Odessa State Ecological University (former Odessa Hydrometeorological Institute) (Ukraine)**

*Assistant professor* - Physics and Chemistry Department - 1995 – 2003;

Responsibilities included teaching General Physics; Radioecology; Simulation of Physical and Chemical Processes in Radioecology; Supervised undergraduate and graduate projects in Radioecology.

**DataServ, Ltd., Odessa (Ukraine)**

*Engineer* - Electronics Department, 1994-1995;

Responsible for the design and installation of PC hardware, PC software and special-purpose Data Acquisition systems.

**I.I.Mechnikov Odessa State University (Ukraine)**

*Research Associate* - Department of Experimental Physics, Physics Faculty - 1988-1993

Conducted research of subsurface region in Silicon semiconductor wafers. Designed of Theoretical models of non-equilibrium phenomenon in semiconductors. Designed PC controlled systems for investigations of semiconductors. As a team member participated in 3 scientific projects with “Positron”, Inc (Ivano-Frankovsk, Ukraine) of “Radon” Corp. (Ukraine)

**ADDITIONAL QUALIFICATION**

Familiar with MS Windows environment. Experienced in MATLAB, SAS, STATA, MAPLE, acquainted in Microcal Origin.

Fluent in Russian and Ukrainian languages. Able to work well under time pressure to meet deadlines.

**REFERENCES:**

Prof. David H.Good (Indiana University) [good@indiana.edu](mailto:good@indiana.edu);

Prof Rafael Reuveny (Indiana University) [rreuveny@indiana.edu](mailto:rreuveny@indiana.edu);

Prof. Kerry Krutilla (Indiana University) [krutilla@indiana.edu](mailto:krutilla@indiana.edu);

**PUBLICATIONS AND PRESENTATIONS:**

“Inter-Jurisdictional Competition in Fiscal and Environmental Policy: Empirical Evidence for Strategic Policy setting” (with David H.Good and Kerry Krutilla) 4ht World Congress of Environmental and Resource Economists, Montreal, Canada, June 2010.

“The Effects of Natural Disasters on International Migration” (with David H. Good and Rafael Rueveny ) Association of Public Policy Analysis and Management International Conference, Maastricht, Netherlands, February 2010.

“Inter-Jurisdictional Competition in Fiscal and Environmental Policy: A Quantal Response Equilibrium Analysis”, (with David H.Good and Kerry Krutilla) Association of Public Policy Analysis and Management Fall Research Conference, Washington, DC, November 2009.

“An Empirical Evaluation of Inter-jurisdictional Competition in Fiscal and Environmental Policy” (with David H.Good and Kerry Krutilla) Association of Public Policy Analysis and Management Fall Research Conference, Los Angeles, CA November 2008; revised version presented at European Association of Environmental and Resource Amsterdam, the Netherlands, June 2009.

“Inter-Jurisdictional Competition in Industrial and Environmental Policy: Double Dividend, or Race to the Bottom?” (with David H. Good and Kerry Krutilla) Association of Public Policy Analysis and Management Fall Research Conference, Washington, DC November 2007;

revised version presented at European Association of Environmental and Resource Economists, Gothenburg, Sweden, June 2008.

“Does environmental policy decentralization cause a race to the bottom: An agent based modeling approach.” (with David H. Good) Argonne Conference on Agent Based Modeling, Chicago, IL November 2005. Published: A. Alexeev, D.H. Good "The Environmental Race to the Bottom: A Mixed Agent Based Model." *Proceedings of the 2005 Conference on Agent Based Models*.

Other publications include 5 papers in refereed journals in Physics (in Russian), conference presentations, and Didactics notes and recommendations (available upon request).