

PERSONAL INFORMATION

Dritan Osmani



Universiteti Metropolitan Tirana, Rruga "Sotir Kolea", "Qyteti Studenti", Tirana, Albania

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Nationality German

WORK EXPERIENCE

From October 2017 to Present

Lecturer

Metropolitan University of Tirana, Albania

Lecturing, Scientific Work, Project Preparation, Administrative Work

Private Sector, University

From February 2015 to September 2017

Senior Post-Doctoral Researcher

Department of Computer Engineering and Mathematics, Universitat Rovira i Virgili, Tarragona, Catalonia, Spain

Scientific Work

From February 2012 to January 2015

Public Sector, University

Post-Doctoral Researcher

Joint Research Centre JRC-IPTS

Institute for Prospective Technological Studies

Sustainable Production and Consumption Unit

Seville, Spain

Scientific Work

From July 2009 to January 2012

Public Sector, University

Post-Doctoral position from KlimaCampus & Integrated Climate System Analysis and Prediction (CliSAP) through the Project "Modeling of International Environmental Agreements"

Research Unit Sustainability and Global Change, Hamburg University, Germany

Scientific Work

From November 2001 to April 2003

Public Sector, University

Scientific Researcher

Fraunhofer Institute for Algorithms and Scientific Computing, St Augustin, Germany.

Scientific Work

From May 1995 to July 1999

Public Sector, Research Institute

Scientific/Assistant Lecturer

Faculty of Geology and Mining, Polytechnic University of Tirana, Albania,

Scientific Work / Lecturing

Public Sector, University

EDUCATION AND TRAINING

January 2005 – June 2009

Degree: Doctor of Economic and Social Sciences

The topic of the PhD research is “Modeling of International Environmental Agreements: A Game Theoretical Approach”

PhD student in the Research Unit Sustainability and Global Change, Hamburg University, Germany, Adviser Prof. Richard Tol.

April 2006 – June 2009, member of Max-Planck Research School of Earth System Modelling.

Environmental Economics, Game Theory, Mathematical Economics

Degree: Master of Science in Mathematics

The topic of the Master Degree is “Matrices with Consecutive Ones Property, Interval Graphs”, Adviser: Prof. Horst W. Hamacher

Two year Master Program in Mathematics, University of Kaiserslautern, Germany. DAAD-Award Scholarship Holder

Mathematics, Optimization

Degree: Diploma of Geology Engineer

I have obtained a Geology Engineering Diploma (Degree).

The topic of the Diploma Degree is “Geological Study of Kruja Geological-Zone of Albania”. Adviser: Prof. Fotaq Diamanti

Graduated in Polytechnic University of Tirana, Faculty of Geology and Mining, Albania.

Geology, Engineering

Replace with EQF (or other) level if relevant

September 1999 – September 2001

Replace with EQF (or other) level if relevant

September 1988 – July 1993

Replace with EQF (or other) level if relevant

PERSONAL SKILLS

Mother tongue(s) Albanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
German	C1	C1	C1	C1	C1
Goethe Institute Certification					
English	C1	C1	C1	C1	C1
TOEFL					

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Communication skills

Good communication skills gained through my experience as Lecturer as well as a scientific officer at European Commission.

Organisational / managerial skills

Good communication skills gained through my work as a Head of Department of Economics Informatics.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Very Good	Very Good	Very good	Very Good	Very Good

Levels: Basic user - Independent user - Proficient user
Digital competences - Self-assessment grid

Computer Skills

Matlab, Latex, C, Windows Office

ADDITIONAL INFORMATION

Publications **Publications***Modeling Coalition for Environmental Protection by using Game Theoretical Approach*

Osmani, D. (2019) Comparison of Farsightedly Stable Climate Coalitions in Different Time Horizons. *Environmental Modeling & Assessment*. <https://doi.org/10.1007/s10666-019-09667-9>

Osmani D, Tol R.S.J. (2018) On the farsightedly and myopically stable international environmental agreements. *Natural Resource Modeling* 31 (2), e12154

Osmani, D. (2017), The Modeling of Coalition for Environmental Protection within Couility Framework. *Optimization: A Journal of Mathematical Programming and Operations Research*. Volume 66, 2017(12), 2193-2209.

Osmani, D. (2019, Revised version), A note on optimal transfer schemes, stable coalition for environmental protection and joint welfare maximization assumption FNU Working Paper 176, Hamburg University and Centre for Marine and Atmospheric Science, Hamburg.

Osmani, D. (2019, Revised Version), A Note on Computational Aspects of Farsighted Coalitional Stability, FNU-194, Hamburg University and Centre for Marine and Atmospheric Science, Hamburg.

Richard S.J Tol, Dritan Osmani (2010, June 23) Global environmental problems need regional solutions. *VOX*.

Osmani, D. and Tol, R.S.J. (2010), The Case of two Self-enforcing International Agreements for Environmental Protection with Asymmetric countries, *Computational Economics*, 36(2), 93-119.

Osmani, D. and R.S.J. Tol (2009), Towards Farsightedly Stable International Environmental Agreements, *Journal of Public Economic Theory*, 11(3), 455-492.

Osmani, D. (2013), Valuing Equally the Environmental Goods in Rich and Poor Countries in a Post-Kyoto World. *The Czech Economic Review* 7 (2), 73-99

Osmani, D. and R.S.J. Tol (2008), A short note on joint welfare maximization assumption, *Icfai Univeristy Journal of Managerial Economics* 6(3). 22-39.

Osmani, D. (2010), Burden Sharing Emissions and Climate Change: A Theoretic Welfare Approach, FNU Working Paper 172, Hamburg University and Centre for Marine and Atmospheric Science, Hamburg.

Osmani, D. and R.S.J. Tol (2005), The Case of two Self-enforcing International Agreements for Environmental Protection, FNU Working Paper 82, Hamburg University and Centre for Marine and Atmospheric Science, Hamburg.

Modeling Network Coalitions by using Game Theoretical Approach & Crowd-based Business Model

Osmani, D. (2018) Aspects of Coalitions for Environmental Protection Under Co-utility; in Studies in Systems, Decision and Control; Volume 110/2018 / Co-utility: Theory and Applications, page 153-166. Editors: Josep Domingo-Ferrer, David Sánchez

Osmani, D. (2019) Farsighted Stability in Coalition Network Models with Costs for Establishing Links. (submitted to Review of Economic Design).

Turi A. N, Domingo-Ferrer J, Sánchez D, Osmani D. (2016) A co-utility approach to the mesh economy: the crowd-based business model, Review of Managerial Science 1–32.

Turi A, Ferrer J..D, Sánchez D and Osmani D. (2015) Conciliating Individual Freedom and Common Good for the Crowd-based Business Model. The proceeding of the IEEE International Conference on e-Business Engineering (ICEBE), October 23-25 2015, IEEE Computer Society, pp. 62-67, ISBN 978-1-4673-8002-7

Modelling Consecutive Events (Master Thesis)

Matrices with Consecutive Ones Property, Interval Graphs and their Application. Master Thesis, University of Kaiserslautern, Germany 2001.

Environmental Product Policy

Kougoulis, J. Kaps R, Osmani, D, Kowalska, M, Caldas G. M, Wolf O. (2013) Development of European Ecolabel Criteria for Imaging Equipment. Background Report including draft criteria proposals European Commission Joint Research Centre IPTS

Osmani D, Wolf O, Graulich K, Groß R, Liu R, Manhart A, Prakash S (2013) Preliminary Technical Report: EU Ecolabel Criteria Proposal for P

Conferences

Conferences & Presentations

Western Economic Association International (WEAI) 12th International Conference, Nanyang Technological University, Singapore, January 7-10, 2016

The 8th Spain, Italy, Netherlands Meeting on Game Theory, Budapest, Hungary 16-18 July, 2012

The 8th Game Theory Practice Meeting Dedicated to Global and International Issues, University of California, Riverside, California, USA July 11-12, 2011

18th Annual Conference of the European Association of Environmental and Resource Economists. EAERE Rome, University of Rome Tor Vergata, Italy June 29th to July 2nd, 2011.

The 12th international meeting of the Association for Public Economic Theory, Bloomington Indiana University USA June 2-4 2011

Fourth World Congress of Environmental and Resource Economists, June 28 to July 2, 2010, Montreal, Canada

CESifo Workshop on "The Economics and Politics of Climate Change" 6-7 July 2009 San Servolo, Venice, Italy

17th Annual Conference of the Association of Environmental and Resource Economists 24-27 June 2009, Amsterdam, The Netherlands

The 10th international meeting of the Association for Public Economic Theory at the National University of Ireland, Galway, June 18-20 2009

Festival of Game Theory, Stony Brook University, New York, USA, 20-26 July 2008
The 4th Spain, Italy, Netherlands Meeting on Game Theory, Wroclaw, Poland, 26-28 June, 2008

The 3rd Spain, Italy, Netherlands Meeting on Game Theory, Madrid, Spain, 4-6 July,
2007 International Conference on Complex Systems, Boston, USA, June 25-30, 2006

Projects Grant of KlimaCampus, Cluster of Excellence Integrated Climate System Analysis and Prediction, Hamburg, Germany 2009-2011:
after winning with the Project "Modeling International Environmental Agreements".

Awards *Awards*

European Commission Tempus Program Scholarship for studying at Aristotle University, Greece 1994:
as one of the best students at Polytechnic University of Tirana.

German Academic Exchange Service Scholarship 1999-2001:
during my studies Technical University of Kaiserslautern, Germany.

Scholarship of International Max-Planck Research School on Earth System Modeling (IMPRS-ESM), Hamburg, Germany 2006-2009:

as a PhD student at University of Hamburg.

Memberships *Membership*

European Association of Environmental and Resource Economists

Courses *Courses*

List of Courses (Teaching Experience)

1. Operation Management
2. Introduction to programming with MATLAB
3. Linear Algebra and Analytical Geometry

Citations *Citations*

162 Citations, Google Scholar

61 Citations Scopus