

Aleh Cherp

PERSONAL DATA

Date of birth 10 September, 1968
Nationality Sweden, Belarus
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EDUCATION

2000 Ph.D. in Environmental Assessment; Planning & Landscape, University of Manchester
1992 M.Sc. in Pollution & Environmental Control; Biological Sciences, University of Manchester
1991 M.Sc. (distinction) in Applied Physics & Mathematics (concentration Biophysics); Moscow Institute of Physics & Technology

EMPLOYMENT

2010 – 2012 Academic Secretary and Research Director, Central European University (CEU), Budapest
2008 – Professor, Environmental Sciences & Policy, CEU
2008 – Associate Professor (part time), Strategic Environmental Assessment, International Institute for Industrial Environmental Economics, Lund University
2007 – 2010 Director for Research & International Academic Cooperation, CEU
2005 – Coordinator of Erasmus Mundus Masters Course in Environmental Sciences, Policy & Management (MESPOM) (part time), Lund University
2004 – 2008 Associate Professor, Environmental Sciences & Policy, CEU
2000 – 2004 Assistant Professor, Environmental Sciences & Policy, CEU
1994 – 1997 Program Director for the former U.S.S.R., Ecologia (environmental NGO)

LEADERSHIP ROLES

2005 – Coordinator of MESPOM, Consortium of 6 Universities supported by the European Commission
2007 – 2012 Research Director (from 2010 also Academic Secretary), CEU
2008 – 2012 Convening Lead Author on Energy Security, Global Energy Assessment
2009 – 2011 Rapporteur and member, Scientific Advisory Group on Environment and Climate Change, Framework Programme 7, DG Research, European Commission
2000 – 2004 Co-chair, sub-group on ISO 14064.1 (Greenhouse gases) in ISO TC 207 (Environmental Management), International Standards Organization
1989 – 1990 Co-chairman, Council of the Soviet Students' Nature Protection Movement, a network of ca 100 groups

SELECTED PROFESSIONAL ACTIVITIES (FULL LIST IN APPENDIX)

2011 – Task leader (energy security), LIMITS (Low Climate Impact Scenarios and the Implications of Tight Emission Control Strategies), EU FP7 collaborative project
2011 – Domain expert (energy security), ROSE (ROad Maps towards Sustainable Energy). Mercator Stiftung and Potsdam Institute for Climate Research

- 2011 Project leader, Low-carbon scenarios for achieving energy security in Belarus. The Environment and Security (EnvSec) initiative (OSCE, NATO, UNDP, UNEP)
- 2005 – 2011 Senior researcher, Strategic Environmental Assessment and Management in Local Authorities in Sweden (SEAMLESS), MiSt programme funded by Swedish EPA

SELECTED PUBLIC ACTIVITIES AND SERVICES (FULL LIST INCLUDING UNIVERSITY SERVICES IN APPENDIX)

- 2010 – Panel Evaluator (Social Sciences and Humanities), European Research Council
- 2002 – Member of the International Advisory Board of *Environmental Impact Assessment Review*,
- 2003 – Member of the Editorial Board of *Environmental Engineering and Management*
- 2001 – 2006 Member of the Editorial Committee of *Impact Assessment and Project Appraisal*
- 2003 Member of the International Advisory Board of *Material World: the 2003 Benchmark Survey of Corporate Sustainability Reporting* by CSR network ltd.
- 2000 – Manuscript reviews for *Energy Policy* (>10), *Sustainability*, *EIA Review*, *LAPA*
- 2000 – 2004 Member of the Measurement Working Group, Global Reporting Initiative
- 1998 – 2008 Coordinating the Network for EIA in Countries in Transition
- 1994, 1993 Member of Parliamentary delegations of the Republic of Belarus to the UK and US focusing on radiological protection and nuclear waste disposal policies
- 1991 Member of the editorial board of *Vsya Nasha Zhizn'*, the first non-governmental environmental periodical in the USSR

INVITED TALKS (SINCE 2009; FULL LIST AND CONFERENCE PARTICIPATION LISTED IN APPENDIX)

Climate change, sustainability and the University of the 21st century

- 2012 Climate, crisis, change, caution and context. *Erasmus Mundus Conference for Climate Change and Sustainability*. EMA and the European Commission, Brussels
- 2012 The Portraits of the Future: Global and Regional Sustainability Scenarios. *Russian Association for International Studies Annual Convention*. Moscow State University for International Relations, Moscow, Russia
- 2012 Panel chair: Learning for Leading: Which Knowledge and Which Skills? *The Future of Public Policy Schools in the 21st century. Inaugural Conference*. Budapest
- 2012 The University for a world with climate change. *Local and Regional Climate Change*. Sabanci University, Istanbul
- 2010 Change or caution? A fundamental dilemma of sustainability governance. *Annual Research Conference*. New Economic School, Moscow

Energy security

- 2012 Global energy security: past, present future. *Energy Security in the Multipolar World Final Conference*. Royal Society, London
- 2012 Global energy security: an emerging research agenda. *Research roundtable*. United Nations University and Maastricht School of Governance. Maastricht
- 2010 The Present and the Future of Global Energy Security. *Energy and Climate in the 21st century*. Sabanci University, Istanbul
- 2010 Panel Chair: “Contextualizing Energy Security and Transition. Concepts, Framing and Empirical Evidence” *Conference of the Standing Group on International Relations of the European Consortium for Political Research*. Stockholm School of Economics
- 2009 Indicators of energy security. *Energy security in Asia*. Lee Kuan Yew School of Public Policy, Singapore

PUBLICATIONS (*REFERS TO CO-AUTHOR WHO IS MY STUDENT)

Refereed Journal Articles

- 2012 Alon, I. & Cherp, A. (2012) Is China's outward investment in oil a global security concern? *Columbia FDI Perspectives*.
- 2012 Cherp, A. Defining energy security takes more than asking around. *Energy Policy*, 49, 841-842.
- 2011 Pachauri, S., & Cherp, A. Energy security and energy access: distinct and interconnected challenges. *Current Opinion in Environmental Sustainability*, 3(4), 199–201.
- 2011 Cherp, A., & Jewell, J.* The three perspectives on energy security: intellectual history, disciplinary roots and the potential for integration. *Current Opinion in Environmental Sustainability*, 3(4), 202–212.
- 2010 Cherp, A., Jewell, J.*, & Goldthau, A. Governing Global Energy: Systems, Transitions, Complexity. *Global Policy*, Governing Global Energy, 2(1), 75–88.
- 2007 Cherp, A., Watt, A., & Vinichenko, V. SEA and strategy formation theories: From three Ps to five Ps. *Environmental Impact Assessment Review*, 27(7), 624–644.
- 2005 Demidova, O.*, & Cherp, A. Risk assessment for improved treatment of health considerations in EIA. *Environmental Impact Assessment Review*, 25(4), 411–429.
- 2004 Baverstock, K., Cherp, A., & Gray, P. The long-term management of nuclear emergencies: the principles. *Radiation protection dosimetry*, 109(1-2), 3–5.
- 2004 Cherp, A., George, C., & Kirkpatrick, C. A methodology for assessing national sustainable development strategies. *Environment and Planning C: Government and Policy*, 22(6), 913–926.
- 2004 Cherp, A., & Golubeva, S. Environmental assessment in the Russian Federation: evolution through capacity building. *Impact Assessment and Project Appraisal*, 22(2), 121–130.
- 2004 Cherp, A. From the Guest Editor, *Impact Assessment and Project Appraisal*, 22(2), 86-88.
- 2003 Cherp, A., Kopteva, I., & Mnatsakanian, R. Economic transition and environmental sustainability: effects of economic restructuring on air pollution in the Russian Federation. *Journal of environmental management*, 68(2), 141–151.
- 2003 Cherp, A., & Antypas, A. Dealing with continuous reform: towards adaptive EA policy systems in transition. *Journal of Environmental Assessment Policy and Management*, 5(4), 455–476.
- 2002 Bektashi, L.*, & Cherp, A. Evolution and current state of EIA in Azerbaijan. *Impact Assessment and Project Appraisal*, 20(4).
- 2002 Cherp, A., & Vrbensky, R. (2002). Sustainability and transition: synergies, opportunities, threats. *Development Policy Journal*, 1, 19–48.
- 2001 Cherp, A. EA legislation and practice in Central and Eastern Europe and the former USSR - A comparative analysis. *Environmental Impact Assessment Review*, 21(4), 335–361.
- 2001 Cherp, A. Environmental assessment in countries in transition: Evolution in a changing context. *Journal of environmental management*, 62(4), 357–374.
- 2001 Cherp, A. Environmental Assessment Legislation and Practice in Eastern Europe and the former USSR. *EIA Review*. 21, 335-361.
- 2000 Bonde, J., & Cherp, A. Quality review package for strategic environmental assessments of land-use plans. *Impact Assessment and Project Appraisal*, 18(2), 99–110.
- 1997 Cherp, A., & Lee, N. (1997). Evolution of SER and OVOS in the Soviet Union and Russia (1985-1996). *Environmental Impact Assessment Review*, 17(3), 177–204.

Guest edited journal issues

- 2011 (with S.Pachauri) Special Issue on Energy systems, *Current Opinion in Environmental Sustainability*

- 2004 Special issue on Environmental Assessment in Emerging Democracies of *Impact Assessment and Project Appraisal*

Book Chapters

- 2012 Cherp, A., Adenikinju, A., Goldthau, A., Hughes, L., Jansen, J. C., Jewell, J.*, Olshanskaya, M.*, de Soares, R., Vakulenko, S. (2012). Energy and Security. In T. B. Johansson, N. Nakicenovic, & A. Patwardan (Eds.), *Global Energy Assessment: Toward a More Sustainable Future*. Laxenburg, Austria; Cambridge, United Kingdom; and New York, USA: Cambridge University Press.
- 2011 Cherp, A. and Jewell, J.*. Measuring energy security: from universal indicators to contextualized frameworks. In Sovacool BK, (Ed). *The Routledge handbook of energy security*. New York: Routledge; 2011. pp. 330–55.
- 2011 Cherp, A., & Martonakova, H. SEA in Eastern Europe, Caucasus and Central Asia. In B. Sadler & B. Dalal-Clayton (Eds.), *Strategic Environmental Assessment* pp. 1–11. Earthscan/James & James.
- 2011 Cherp, A., Partidario, M. R., & Arts, J. From Formulation to Implementation: Strengthening SEA through Follow-up. In B. Sadler & B. Dalal-Clayton (Eds.), *Strategic Environmental Assessment*. Earthscan.
- 2008 Cherp, A. The Role of Environmental Management Systems in Enforcing Standards and Thresholds in the Context of EIA Follow-Up. In M. Schmidt, J. Glasson, L. Emmelin, H. Helbron, M. Schmidt, & L. Knopp (Eds.), *Standards and Thresholds for Impact Assessment* (Vol. 3, pp. 433–446). Springer Berlin Heidelberg.
- 2008 Cherp, A. & Mnatsakanian, R. Environment. In: *Eastern Europe and Central Asia*. Taylor Publishing, London (also in 2003, 2004, 2005, 2006, 2007).
- 2008 Cherp A. Teaching Environmental Assessment in international interdisciplinary Masters courses?. In T. Fischer (Ed.), *Environmental Assessment Education Handbook*. Earthscan
- 2007 Cherp, A. The natural resource lifeline for Central Asia: water, energy and the environment. In: *Central Asia Human Development Report*, 84–111.
- 2005 Cherp, A. & Szarvas, G. Strategic Environmental Assessment of Land Use in Hungary. In: C. Wood and C. Jones (Eds) *Strategic Environmental Assessment of Land-Use Plans*. Earthscan.
- 2003 Cherp, A. SEA Protocol and the NIS. In R. Iema (Ed.) *Environmental Assessment Outlook: Capacity building and benchmarking good practice*. Institute of Environmental Management.
- 2002 Urge-Vorsatz, D. & Cherp, A. Key to success: projects promoting urban sustainability in Europe. J. Szlavik and Turchanyi (Eds.), In: *Guide for the Preparation of Local Agenda 21 Programs*. : Budapest, Önkormányzati Tájékoztató (in Hungarian).
- 2000 Cherp, A. Integrating environmental appraisals of planned developments into decision-making in countries in transition. In: C.Wood and N.Lee (Eds) *Impact Assessment in the Developing World*. Edward Elgar, Bedfordshire.
- 2000 Cherp, A. Environmental Impact Assessment in Russia. In: N.Lee and C.George (Eds) *EIA in the Developing and Transitional Countries*. Wiley: Chichester.
- 2000 Cherp, A. EIA in Russia, EIA in Belarus, EIA in Kazakhstan, in E.Bellinger (Ed.), *Environmental Assessment in Countries in Transition*. CEU Press: Budapest.
- 1995 Cherp, A. Republic of Belarus. In: P.Pryde (ed). *Environmental Resources and Problems of the former USSR*. Westview Press, Boulder.

Manuscripts in Review and in Press

- 2013 Yarkova T. and Cherp A. Managing the Sacred: perceptions on teaching excellence and learning outcome assessment. *European Higher Education Journal*.
- 2013 Cherp A. and J.Jewell*. Measuring Energy Security. *International Handbook of Energy Security*. E.Elgar
- 2012 Lilliestam, J.*, Patt, A., & Cherp, A. Energy security through policy lenses. *Energy Policy*.

- 2012 Jewell, J.*, A. Cherp & K.Riahi. Energy security under decarbonization scenarios. *Energy Policy*.

Manuscripts in Preparation

- 2013 Jewell, J.*, Cherp, A., & Riahi, K. Energy security of major economies under climate change policies (invitation from *Climatic Change*).
- 2013 Cherp, A. Jewell, J.*, Vinichenko, V.*, Bauer, N. & DeCian, E. Energy security in long-term energy transformation scenarios (invitation from *Climatic Change*).

Selected other publications

- 2011 Hjelm, O., Gustavsson, S., & Cherp, A. From Tool Technique to Tool Practice. Experiences from the project SEAMLESS: Strategic Environmental Assessment and Management in Local authorities in Sweden. (pp. 1–61). Karlskrona: Blekinge Tekniska Högskola.
- 2007 Cherp, A.. *Environment and Security: Transforming Risks Into Cooperation: the Case of Eastern Europe: Belarus-Moldova-Ukraine*. UNEP, Geneva.
- 2006 M. Khotuleva, A. Cherp, V. Vinichenko.* 2006. *Strategic Environmental Assessment: a brief guide*. Moscow, Socio-ecological union (in Russian).
- 2006 A. Cherp, S. Emilsson, O. Hjelm. 2006. Strategic Environmental Assessment and Management in Local Authorities in Sweden. Emmelin, L. (Ed.) In: *Effective Environmental Assessment Tools - critical reflections on concepts and practice*. BTH Research Report No. 2006:3.
- 2006 Cherp, A. Excellent ingredients, but where are the cooks? (Book review), *Impact Assessment and Project Appraisal* 24(2) 161-163.
- 2005 *Central Asia Human Development Report*. Author of Chapter on Water, Energy and the Environment. New York, UNDP.
- 2003 Boehmer, K., & Cherp, A. (2003). ISO 14064: An Emerging Standard on Greenhouse Gas Accounting and Verification. *Carbon Finance*, 16–17.

TEACHING SUMMARY

Selected PhD dissertation supervision (altogether 12 students supervised)

- 2013 (expected) Johan Lilliestam. *Energy security & renewable electricity imports: Europe & North Africa*
- 2013 (expected) Jessica Jewell. *Energy security and Sustainable Energy Transitions*
- 2011 Csaba Pusztai. *Organizational Aspects of Learning for Sustainability in Local Government: A study of Hungarian municipalities*
- 2010 Farhad Mukhtarov. *The Hegemony of Integrated Waters Resources Management: a Study of Policy Translation in England, Turkey and Kazakhstan*
- 2010 Maia Gachechiladze-Bozhesku. *Strategic Environmental Assessment Follow-up: from Promise to Practice. Case studies from the UK and Canada*

Recent MSc thesis supervision (MSc) (altogether over 60 MSc theses supervised)

- 2012 N. Nguyen. *Assessment of Energy Security using Social Network Analysis and Food Web Analysis*
- 2011 T. Peng. *Energy Security Implications of the Transport Sector Development Scenarios*
- 2011 J. Daniel. *Global Analysis of Electricity Security: Diversity and Aging of Power Plants*
- 2011 K. Ummel. *SEXPOT: A spatiotemporal linear programming model to simulate global deployment of renewable power technologies*
- 2011 S. Pal. *Security of electricity supply: A global assessment of national vulnerabilities*
- 2010 V. Pilibaityte. *Nuclear energy discourses in Lithuania and Belarus*

- 2010 R. Ripken *The Desertec Project: a New Resource Curse for Countries in North Africa and the Middle East?*
- 2009 J. Jewell. *Capacities and Driving Forces for Nuclear Power in Newcomer Countries*

University teaching

Undergraduate courses: Environmental Impact Assessment (at Lund University)

Masters courses: Introduction to Environmental Economics, Introduction to Sustainable Development, Introduction to Municipal Waste Management, Introduction to Environmental Impact Assessment, Environmental Assessment and Management, National Environmental Performance, Environment East-West, Urban Sustainability, Energy Challenges of the 21st century, Professional Environmental Careers (at CEU); Sustainable Development (at Blekinge Institute of Technology, European Spatial Planning, Sweden)

Doctoral courses: Strategic Planning Assessment and Management; Disciplinary approaches to environmental research (at CEU);

Guest lectures: Middlebury College (USA), United Nations University (Maastricht); European Humanities University (Vilnius), Swedish Agricultural University (Alnarp).

Professional and executive courses

Course for Sustainability at Venice International University for civil servants from South-Eastern and Central Europe, Turkey and Kazakhstan. Lectures on Corporate and Municipal Environmental Management, sustainable development, sustainable development strategies (5 courses from 2004)

Integrated Urban Planning. Within BTH's course funded by SIDA for planners from developing countries (3 courses from 2004)

Sustainability Impact Assessment. Within Ramboll Natura's EIA course funded by SIDA for EIA officials and experts from more than 30 countries (including special course for China and SEE)

Strategic Environmental Assessment and Regional Transport Planning course director and lecturer, CEU Summer University (2002)

Various training courses on Environmental Assessment and Sustainable Development in Russia, Ukraine, Mongolia, Hungary, Czech Republic, and Central Asia

SKILLS, HOBBIES

Highly proficient in personal productivity and collaboration software on various platforms

Author of an academic workflows and productivity blog Macademic (<http://blog.macademic.org>)

Potato growing, chicken rearing, other self-sustainability

LANGUAGES

Native: Belarusian, Russian

Fluent: English, Swedish

REFERENCES

Please exercise discretion in contacting the references

Jill Jaeger jill.jaeger@seri.at

Brian O'Neil boneil@ucar.edu

Elmar Kriegler kriegler@pik-potsdam.de

José Goldemberg goldemb@iee.usp.br

APPENDIX

Professional Activities

- 2007 Advisor on Environmental Security Strategy, OSCE
- 2006 – 2007 Lead researcher and writer, Eastern Europe Environment and Security Assessment, EnvSec Initiative
- 2004-5 For **UNDP** author of the environmental chapter in the Central Asia Regional Human Development Report. Author of the environmental chapter in the CIS Regional Human Development Report. Developing a concept and implementation plan for a strategic knowledge management facility.
- 2003 For **OECD**: prepared a technical report and convened a 12-country expert meeting on linkages between Environmental Assessment and Environmental Permitting in Eastern Europe, Caucasus and Central Asia
- 2002 For the **World Bank**: review of the study on Effectiveness of Environmental Assessment in the Russian Federation
- 2002 – 2003 For **IFC** and the **Global Reporting Initiative**: director of research on feasibility of corporate sustainability reporting in Central Europe and Turkey. Field visits and case studies of four companies in Croatia, Serbia, Hungary, Turkey. As a result CEU listed as center of excellence in corporate sustainability reporting in CEE.
- 2000 – 2002 For **WHO** on integrating health considerations into EIA. Contributing to the Guidelines on Environmental Health Impact Assessment, designing and applying a “Case-study protocol” for reviewing the practice in this area in five CEE countries.
- 2001 Lead expert on the UN (**UNDP, UNICEF, WHO**) Inter-agency mission to evaluate human consequences of the Chernobyl accident in Belarus, Russia and Ukraine.
- 1993 – 1999 For **UNICEF, USAID, UNDP**: water and environmental sanitation consultant in Central Asia. Conducted more than 20 field trips to the region, particularly to the Aral Sea area developing and implementing diverse projects, especially on environmental health. Prepared Situation Analysis and Strategic Plan for UNICEF for activities in the area. Served on the UN interagency mission to the Semipalatinsk former nuclear test site.

Public activities and services

- 2001 Member of the Grant Committee for the US AID EcoLinks programme in Central and Eastern Europe
- 2001 – 2009 Member of the International Association for Impact Assessment; including member of the Publications Committee and editor of the Key Citations series
- 1999 – Member of the Board of the international NGO Ecologia
- 1994 – 1996 Member of the Board of Experts of USAIDSeeds for democracy grantmaking program for environmental NGOs

Services to University

- 2012 – Member, Masters Program Committee (Environmental Sciences & Policy)
- 2010 – Member, Strategic Development Committee
- 2011 – Member, Quality Assurance Committee
- 2011 – Member, Joint CEU and Sabanci University Research Grants Committee
- 2010 – 2012 Member, Academic Events Committee
- 2007 – 2012 Member, Tender Committee (Institutional Endorsement of External Funding)
- 2007 – 2012 Member, Research Board, Research Support Scheme Committee
- 2009 – 2011 Member, Computer and IT committee
- 2008 – 2010 Member, Web supervisory committee, Web task force, the Web Group.

2005 – Member, Academic Forum

Conference participation and invited talks

- 2010 A framework for evaluating energy security. At the Annual Conference of the International Association of Energy Economics (European charter). Vilnius
- 2008 Energy and security: perspective of transit countries. Stockholm School of Economics. “Russia, EU and transit countries: perspectives on energy security”
- 2005 Strategic Environmental Assessment and Theories of strategy formation. International Perspectives on SEA IAIA Conference, Prague
- 2005 Key approaches to SEA follow up. International Perspectives on SEA IAIA Conference, Prague
- 2004 “New Thinking in Capacity Development and Quality Assurance in Environmental Assessment”. *High-level segment of the 3rd Meeting of the Parties to the Convention on EIA in a Transboundary Context (Espoo)*. Cavtat, Croatia
- 2004 Different meanings of Strategic Environmental Management. 24th IAIA Annual Conference, Vancouver, Canada
- 2004 Different meanings of Strategic Environmental Management. 24th IAIA Annual Conference, Vancouver, Canada
- 2004 Strategic Environmental Assessment and National Strategies for Sustainable Development. 24th IAIA Annual Conference, Vancouver, Canada
- 2004 Quality control in Strategic Environmental Assessment. International Workshop on Implementing the EU SEA Directive in Szentendre, Hungary
- 2003 Corporate Sustainability Reporting in Central and Eastern Europe. International PREPARE Conference “Voluntary Environmental Management and Regional Sustainable Development”, Bratislava, Slovakia
- 2003 Corporate Sustainability Reporting in Central and Eastern Europe. International PREPARE Conference “Voluntary Environmental Management and Regional Sustainable Development”, Bratislava, Slovakia
- 2003 Economic liberalization and air pollution in Russia. 23rd Annual Conference of the International Association for Impact Assessment (IAIA), Morocco
- 2003 Beyond Radiation: Sustainability of disaster relief efforts in Chernobyl. 23rd IAIA Annual Conference, Morocco
- 2003 Linkages between strategic environmental planning and corporate environmental management. 23rd IAIA Annual Conference, Morocco
- 2002 Integrating Health Considerations in the EIA process in Central and Eastern Europe. 22nd IAIA Annual Conference, the Hague
- 2002 Policy-relevant EIA systems' studies in countries in transition. 22nd IAIA Annual Conference, the Hague
- 2002 Integrating Health Considerations in the EIA process in Central and Eastern Europe. 22nd IAIA Annual Conference, the Hague, June 2002
- 2002 Use Of Risk Assessment For Addressing Human Health Implications In EIAs Of Selected UK Waste Incineration Projects. 2nd International Conference on Environmental Chemistry, Chisinau, Moldova
- 2000 Introducing EMS standards in a transitional country: an NGO Perspective. EMAS-Eastwards seminar, Moscow, Russia
- 1999 Strategic Environmental Assessment in Countries in Transition, at the Baltic EIA Conference organised by Stockholm Environment Institute.
- 1999 Environmental Assessment in Countries in Transition. EIA conference in Mostar, Bosnia.