

Prof. Dr. Georgeta Auktor (formerly Vidican)

Office contact information

Institute of Economics
Kochstr. 4 (17)
91054 Erlangen, Germany
Georgeta.Auktor@fau.de
+49 913 18523670

Education:

- Feb. '08 **Doctor in International Development and Regional Planning (with honours)** at the Massachusetts Institute of Technology (MIT), Cambridge, United States
Dissertation committee: Alice Amsden, Annette Kim, Abhijit Banerjee, Tavneet Suri
- June '04 **Master of Arts in Urban and Regional Planning** at the MIT
Thesis committee: Alice Amsden and Annette Kim
- June '02 **Master of Arts in Applied Sociology (with honours)** at the University of Massachusetts (UMass) Boston
- Sept. '00 **Bachelor of Arts in Economics** at the West University of Timisoara, Romania
- July '07 **Summer course - Advanced Graduate Workshop on Poverty, Development and Globalization**, organized by Joseph Stiglitz at the Columbia University's Initiative for Policy Dialogue and Brooks World Poverty Institute in Manchester, UK

Employment:

- Since Oct. '14 **Full professor (substitute) for economics: Economy and society of the Middle East** at the Friedrich-Alexander University (FAU) Erlangen-Nürnberg, Institute of Economics
- Since Oct. '15 **Associate researcher** at the German Development Institute, Bonn
- June '11 – Sept. '15 **Senior researcher** at the German Development Institute
Research focus: Industrial policy; Private sector development; Energy transition and energy policy; Science, technology and innovation policy; Sustainable development
- Dec. '13 – Sept. '14 **Guest lecturer** at the Cologne University of Applied Sciences, Institute for Technology and Resource Management in the Tropics and Subtropics (ITT)

- Feb. '08 – June '13 **Assistant professor** at the Masdar Institute of Science and Technology, Abu Dhabi
- Feb. – Aug. '08 **Visiting scholar** at the Massachusetts Institute of Technology (MIT), Industrial Performance Center (IPC)
Research focus: Low-carbon innovation and global value chains
- Sept. '02 – Dec. '07 **Research and teaching assistant** at the MIT, Department of Urban Studies and Planning (DUSP)
- Jan. – Dec. '03 **Research assistant** at the IPC, MIT
Research and fieldwork for the MIT project “Globalization Project”, studying the process of globalization and its implications for productivity growth, innovation and job creation in Europe
- Jan. – Aug. '02 **Research assistant** at the Harvard University, Murray Research Center
Research for the project “Virtual Database Center at Harvard University and MIT” on conceptualization and database management
- Jan. – May '01 **Research assistant** at the Center for Survey Research at the University of Massachusetts (UMass) Boston
Research focus: Survey research techniques and advanced data analysis
- Sept. '00 – Aug. '02 **Teaching assistant** at the UMass Boston, Applied Sociology Department
- Aug. '98 – Sept. '00 **Assistant director** at the Center for Social Sciences Research, Romania
Responsible for project development, fundraising, research design, data analysis, and regional workshops on sustainable economic development.

Honours and awards:

- 2008 **Gill-Chin Lim Award for the Best Dissertation** on International Planning, American Association of Collegiate Schools of Planning
Outstanding Doctoral Dissertation Award, MIT
Masdar Initiative Three Years Research Grant, Masdar Institute
- 2005 **William Davidson Institute Research Grant**, University of Michigan
Lloyd and Nadine Rodwin International Travel Fellowship, MIT
Center for International Study, ETIA Summer Fellowship, MIT
- 2004 **Presidential Graduate Fellowship**, MIT
- 2002 **Graduate Fellowship**, MIT
- 2002 **Outstanding Graduate Student**, James E. Blackwell Award, UMASS Boston

Skills and techniques:

Software	Quantitative research methods: Stata, SPSS; Qualitative research applications: Atlas.ti, NVivo
Languages	Romanian – fluent; English – fluent; French – advanced; German – intermediate.

Professional membership:

DAVO	Deutsche Arbeitsgemeinschaft Vorderer Orient
MESA	The Middle East Studies Association
MEEA	The Middle East Economics Association
GLOBELICS	The Global Network for the Economics of Learning, Innovation, and Competence Building Systems

List of Publications**Peer-reviewed journal articles:**

- Carafa, L., Frisari, G., and Vidican, G. (2016). “Electricity Transition in the MENA: A de-risking governance approach.” *Journal of Cleaner Production*. 128: 34-47.
- Vidican, G. (2015). “The Emergence of an Innovation System for the Solar Energy Sector in Morocco: Governance Challenges”. *Innovation and Development*. 5(2): 225-240.
- Al-Saleh, Y. and Vidican, G. (2013). “Innovation Dynamics of Sustainability Journeys for Hydrocarbon-rich Countries.” *International Journal of Innovation and Sustainable Development*, 7(2): 144-171.
- Theyattuparampil, V., Zarzour, O. A., Koukouzas, N., Vidican, G, Al-Saleh, Y., and Katsimpardi, I. (2013). “Carbon Capture and Storage: State of Play, Challenges and Opportunities for the GCC Countries.” *International Journal of Energy Sector Management*, 7(2): 223-242.
- Theyattuparampil, V., Vidican, G, and Al-Saleh, Y. (2013). “Challenges and Opportunities for the Emerging Carbon Capture, Utilisation and Storage Innovation System in the United Arab Emirates.” *International Journal of Innovation and Learning*, 13(3): 284-307.
- Vidican, G., Samulewicz, D., McElvaney, L. and Al-Saleh, Y. (2012). “An Empirical Examination of the Development of a Solar Innovation System in the United Arab Emirates”. *Journal of Energy and Sustainable Development*, 16(2): 178-188.

- Samulewicz, D., Vidican, G. and Aswad, N. G. (2012). “Expanding Women’s Involvement in Science, Technology and Engineering Career Pathways: A Case Study for the UAE.” *Gender, Technology and Development*, 16(2): 125-145.
- Al-Saleh, Y., Vidican, G., Natarajan, L. and Varkey, V. (2012). “Carbon Capture, Utilization and Storage Scenarios for the Gulf Cooperation Council Region: A Delphi-Based Foresight Study.” *Futures*, 44(1): 105-115.
- Aswad, N. G., Vidican, G. and Samulewicz, D. (2011). “Creating a Knowledge-Based Economy in the United Arab Emirates: Realizing the Unfulfilled Potential of Women in the Science, Technology and Engineering Fields.” *European Journal of Engineering Education*, 8(6): 599-570.
- Aswad, N. G., Vidican, G. and Samulewicz, D. (2011). “Assessing the Impact of Socio-Economic Inequities on College Enrolment: Emerging Differences in the United Arab Emirates.” *Journal of Higher Education Policy and Management*, 33(5): 459-471.
- Rigter, J. and Vidican, G. (2010). “Cost and Optimal Feed-in Tariff for Small Scale Photovoltaic Systems in China.” *Energy Policy*, 38, 6989-7000.
- Vidican, G. (2009). “Assessing Land Reallocation Decisions During Transition.” *Land Use Policy*, 26(4): 1080-1089.
- Vidican, G. (2008). “Land Reform and Land Use Patterns in Romania.” *Development & Transition*, Issues in Rural Development and Food Security, United National Development Program Newsletter, 11: 5-8, December (2008).
- Vidican, G., Kumar, R., and Mahendra, A. (2008). “Institutional Innovations for Development”, Editorial in the *MIT Journal of Planning, Projections*, Volume 7, Spring 2008.
- Vidican, G., and Aldea, A. (2007). "Productivity Growth in Agriculture: Regional Evidence from Romania". *Journal of Computation and Economic Cybernetics Studies and Research*, 3/4(41): 231-245.

Books and book chapters:

- Vidican-Auktor, G. (2017 forthcoming). “Renewable energy as a trigger for industrial development in Morocco.” In Altenburg et al. (Eds.). *Green industrial policy for emerging countries*. UNIDO and UNEP.
- Vidican, G. (2017). “Energy security, sustainability and development in Morocco.” In Jalilvand and Westphal (Eds.). *Changing dynamics of energy: Political and economic challenges for the MENA region*. Chapter 10. Routledge: New York.
- Vidican, G. (2017). “Systemic interventions to achieve a long-term energy transition towards sustainability.” In Bianco (Ed.) *Analysis of energy systems: Management, planning and policy*. Taylor and Francis: Florida, USA.
- Vidican-Auktor, G. (2016). “Lessons from reforming fossil-fuel subsidies”. In Young, M. and C. Essau (Eds.). *Transformational Change in Environmental and Natural Resource Management: Guidelines for Policy Excellence*. Earthscan Studies in Natural Resource Management. Chapter 5, pages 61-80. Routledge: New York.
- Vidican, G. (2015). “Scaling-up renewable energy in North Africa”. In Rubino et al. (Eds.). *Energy integration across the Mediterranean*. Routledge. Chapter 4.
- Vidican, G. (2014). “Reforming fossil fuel subsidies in the MENA countries.” In A. Pegels (Ed.), *Green Industrial Policy in Emerging Economies*, Chapter 7. Routledge Press.

- Vidican, G. (2014). “Renewable Energy Development in Egypt: The Need for a New Social Contract.” In G. Luciani and R. Farrouki (Eds.). *The Political Economy of Energy Reform: The Clean Energy – Fossil Fuel Balance in the Gulf*. Gerlach Press.
- Vidican, G., Böhning, M., Burger, G., Müller, S., de Siqueira, E., and Wendt, S. (2013). “Achieving Inclusive Competitiveness in the Emerging Solar Energy Sector in Morocco.” Studies 79, The German Development Institute, Bonn.
- Vidican, G. (2012). “Building Domestic Capabilities in Renewable Energy: A Case Study of Egypt.” German Development Institute, Studies 66, Bonn.

Policy reports and working papers¹:

- Regeni, G. and Vidican-Auktor, G. (2017). “The developmental state in the 21st century: Challenging the new social contract.” Discussion Paper. German Development Institute, Bonn.
- Dees, P. and Vidican, G. (2017). “Renewable energy and economics growth in the MENA region: Empirical evidence and policy implications.” Paper presented at the 16th International Middle East Economic Association, January 3-5, 2017, Chicago.
- Hahn, T. and Vidican-Auktor, G. (2016). “Industrial policy and upgrading: The case of the Moroccan automotive sector”. Paper submitted to the OPC Policy Center call on “Industrialization in Africa: Towards new growth models.”
- Dees, P. and Vidican-Auktor, G. (2016). “The impact of renewable energy on economic growth: Evidence and policy implications for the MENA region.” Paper submitted for the SOAS LMEI conference on “Environmental Challenges in the MENA region, London, 12-13 October 2016.
- Vidican, G. (2016). “Enabling and sustaining the energy transition in the MENA: A case study of Morocco.” Paper to be presented at the International Sustainability Transition Conference 2016, Exploring Transition Research as Transformative Science, September 6-9 2016, Wuppertal.
- Vidican, G. and Carafa, L. (2016). “The challenges of fossil-fuel subsidy reform in developing countries highly dependent on energy imports: A political economy analysis of Jordan and Morocco.” Paper to be presented at the Joint Lund University and Stockholm Environment Institute Workshop: The Politics of fossil-fuel subsidies and their reform. June 16-17.
- Vidican, G. (2015). “The political economy of reform fossil-fuel subsidies: A focus on the policy process.” Policy report prepared for the GIZ. German Development Institute, Bonn.
- Lütkenhorst, W., Altenburg, T., Pegels, A., and Vidican, G. (2014). “Green Industrial Policy: Managing Transformation under Uncertainty”. German Development Institute, Discussion Paper 28/2014, Bonn.
- Breitschopf, B., Lehr, U., and Vidican, G. (2014). “RE-Value Policies: Policy Instruments to Support RE Industrial Value Chain Development.” Report for the IEA Implementing Agreement on Renewable Energy Technology Development (IEA-RETD).
- Vidican, G. and Johnson, O. (2013). “Inclusive energy transition: Negotiating Knowledge, Policy and Politics”. Paper presented at the PEGNet Conference, Copenhagen, October 17-18.

¹ The list also includes articles prepared for upcoming conferences. These papers will be submitted to peer-reviewed journals in due course.

- Vidican, G. and Stamm, A. (2013). “*The Role of Higher Education Institutions in Technology, Innovation and Economic Development in Developing Countries.*” The German Development Institute (DIE) and the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ). Strategy paper for the GIZ.
- Altenburg, T. and Vidican, G. (2012). “*Industrial Development and Employment Promotion through Renewable Energy and Energy Efficiency Technologies: International Experience and Policy Options for Southern and Eastern Mediterranean Countries.*” Strategy paper contributing to the Mediterranean Solar Plan of the Union for the Mediterranean, Barcelona.
- Vidican, G. (2012). “*Green Electricity Exports from the MENA Region to Europe.*” Green Economy and Trade Opportunities, UNEP, November 2012.
- Vidican, G. (2012). “*Cross-Mediterranean Energy Transition: A Multi-Dimensional Endeavor*”. German Development Institute, The Current Column of 30 April 2012, Bonn.
- Al-Saleh, Y. and Vidican, G. (2011). “*The Role of Research Universities in Creating a Clean-tech Industry: Theory, International Experience and Implications for the United Arab Emirates*”. MIT-IPC Working Paper 11-002, Industrial Performance Center, Massachusetts Institute of Technology, Cambridge, US.
- Vidican, G., Samulewicz, D. and Ghazal-Aswad, N. (2010). “*Advancing Women’s Participation and Science, Technology and Engineering Education. A Case Study of the UAE.*” Research Report. Masdar Institute, October 2010, Abu Dhabi.
- Vidican, G., Woon, W. L., and Madnick, S. (2009). “*Measuring Innovation Using Bibliometric Techniques: The Case of Solar Photovoltaic Industry*”. Working Paper #2009-05, Composite Information Systems Laboratory (CISL), Sloan School of Management, MIT, Cambridge, April.
- Lester, R., Reynolds, E., Martinez-Vela, C., Vidican, G., Colatat, P., and Dean, R. (2009). “*Massachusetts in the Global Economy: An Initial Competitive Assessment of Two Key Sectors*”. Final Report Prepared for the John Adams Innovation Institute, Massachusetts Technology Collaborative. Industrial Performance Center, MIT, Cambridge MA.
- Vidican, G., and Kim, A. (2008). “*From Workers to Owners: the Impact of Property Rights Reforms on Investment and Sustainable Productivity Growth in Romania*”. William Davidson Institute Working Paper #905. University of Michigan, February 2008.
- Kim, A., and Vidican, G. (2007). “*Fast and Slow: Bucharest’s Transition to a Private Housing Market*”. William Davidson Institute Working Paper. University of Michigan.
- Vidican, G. (2000). “*Evaluation of the Rural Development Potential in Timis County*” in collaboration with USAID and the World Bank, Washington DC. Center for Social Science Research, Research Report, Timisoara, Romania.

Selected conference presentations:

- Vidican, G. (2014). “*Lessons from the Reform of Fossil-Fuel Subsidies.*” Presentation at the Conference “Dynamics of Transformational Environmental Policy Reform”, Harvard University, March 27, Cambridge, US.
- Vidican, G. (2014). “*The Emergence of an Innovation System for the Solar Energy Sector in Morocco: Governance Challenges*”. Paper presented at the PEGNet Conference on “Green and Social: Synergies and Trade-offs” March 12-14, Bonn, Germany.
- Vidican, G. (2014). “*Policies for Promoting Renewable Energy Development.*” Presentation at IRENA Renewable Energy Jobs Conference, January 21, Abu Dhabi.

- Vidican, G. (2013). “*Policies for Supporting Local Content Development.*” Presentation at the 8th Renewable Energy Week, Local Content in the Wind Energy Sector in Developing Countries, Berlin, October 24.
- Vidican, G. and Johnson, O. (2013). “*Inclusive Energy Transition: Negotiating Knowledge, Policy and Politics*”. Paper presented at the PEGNet Conference, Copenhagen, October 17-18.
- Vidican, G. and Altenburg, T. (2013). “*Green Industrial Policy: Theory and Practice.*” Presentation at the conference co-organized with Dii and Kiel Institute on “Socio-economic impacts of renewable energy in the MENA region”, Bonn, January.
- Vidican, G. (2012). “*Enhancing Domestic Capabilities in Renewable Energy in MENA: Supporting Private Sector Development and Employment.*” Presentation at the Middle East Renewable Energy Conference, Marrakech, Morocco, 15-17 May.
- Vidican, G. (2012). “*Cooperation for a Green Transformation: Supporting Technological Capabilities, Innovation and Employment in MENA.*” Presentation at the workshop on “Cooperation for a green transformation”, Duisburg, Germany, 28 June.
- Vidican, G. (2012). “*Renewable Energy Development in Egypt: The Need for a New Social Contract.*” Paper presented at the Workshop on Political Economy of Clean Energy Solutions, 3rd Gulf Research Meeting, Cambridge UK, 11-14 July.
- Vidican, G. (2012). “*Education and Capacity Building for Renewable Energy.*” Presentation at the SEPA-SERTEC International Conference on “Education and capacity building for renewable energies”, Giessen, Germany, 17-19 September 2012.
- Vidican, G. (2012). “*Emerging Innovation Systems for Renewable Energy in MENA: A Comparative Perspective on Egypt and Morocco.*” Paper presented at the UNU-WIDER Conference on “Climate Change and Development Policy”, Helsinki, 27-28 September.
- Vidican, G. (2012). “*Reforming fossil-fuel subsidies in the Middle East and North Africa.*” Presentation at the DIE Workshop on “Managing economic rents for the green transformation,” Bonn, Germany, 6 November.
- Vidican, G. (2012). “*Building Domestic Capabilities in Renewable Energy in Egypt*”. Presentation at the workshop on “Skills for green jobs in Egypt: The case of composting and renewable energy”, organized by ILO and GIZ, 19 November.
- Samulewicz, D., Vidican, G. and Ghazal Aswad, N. (2010). “*Transforming Regions: Expanding the Role of Women in Science, Technology and Engineering in the UAE.*” Paper to be presented at the Triple Helix Conference, Madrid, October 20-22.
- Vidican, G. and Samulewicz, D. (2010). “*Innovation Systems and Policy for the Solar Industry.*” World Future Energy Summit, January 2010, Abu Dhabi, UAE.
- Vidican, G., Samulewicz, D., and Ghazal Aswad, N. (2010). “*Enhancing Women’s Participation in Science, Technology and Engineering in the UAE*”. Presentation at the Women in Science and Engineering Workshop, MENA Region, Abu Dhabi, 3-4 May.
- Vidican, G. (2010). “*Developing Solar Innovation Systems: The Role of the Government.*” DIT 4th Strategic Forum, WAITRO, 20th Biennial Congress and General Assembly “Leadership for Innovation”, 11-14 October, Dubai, UAE.
- Vidican, G. (2010). “*Innovation and Entrepreneurship in the UAE Through the Lens of the Emerging Solar Industry.*” Responsible Urbanism Research Lab Seminar Series, Zayed University, November 29, Abu Dhabi.
- Vidican, G. and Al-Saleh, Y. (2010). “*Carbon Capture Utilization and Storage Scenarios for the Gulf Region: A Delphi Study.*” EU-GCC Clean Energy Network, November 30-December 1st, Dubai.

- Rigter, J. and Vidican, G. (2010). “*An Economic Analysis of Policies to Incentivize Residential Solar PV Installations in China*”. Paper presented at the International Sustainable Development Research Conference, Hong Kong, 30 May- 1 June.
- Vidican, G., Woon, W. L., and Madnick, S. (2009). “*Measuring Innovation Using Bibliometric Techniques: The Case of Solar Photovoltaic Industry*”. Paper presented at the Advancing the Study of Innovation and Globalization in Organizations (ASIGO) Conference in Nürnberg, Germany, May 29-30.