

Short CV_Anatoli Chatzipanagi

EDUCATION

Master on Renewable Energies, Specialisation on Photovoltaics, Carl von Ossietzky Universität, Oldenburg, Germany, Year of qualification: 2009.

Diploma of Mechanical Engineering, Department of Mechanical Engineering, University of Western Macedonia, Kozani, Greece, Year of qualification: 2008.

EMPLOYMENT RECORD

September 2021-Present: Project Officer at the Energy Efficiency and Renewables Unit, JRC, European Commission (Ispra, Italy).

Scientific research on clean energy technologies for sustainable development with a focus on Photovoltaics. Analysis to support the accelerated deployment of PV, including techno-economic comparison of various PV technologies in different deployment opportunities in line with the EU Green Deal Objectives, including coordinated interaction with stakeholders and development of policy briefs as appropriate.

April 2018-September 2021: Expert at the Sustainable, Smart and Safe Mobility Unit, JRC, European Commission (Ispra, Italy)

Analysis of CO₂ emissions from Light-Duty Vehicles. Research on the correlation between the NEDC and the WLTP type-approval procedure.

May 2014-March 2018: Freelance Mech. Engineer, Self-Employed.

September 2010-April 2014: Master Assistant at Swiss BiPV Competence Centre (SPV Group) at SUPSI (Lugano, Switzerland).

Monitoring of BiPV stand and results analysis, outdoor analysis and energy rating of PV systems, development and management of www.bipv.ch website, participation and organization of workshops and basic education courses at the Architecture Faculty, analysis of BiPV products; involvement in the Swiss BiPV criteria for remuneration.

July 2009-July 2010: Trainee at the European Solar Test Installation (ESTI), JRC, European Commission (Ispra, Italy).

Measurements of the electrical performance of thin film modules using solar simulators and in natural sunlight; instability and pre-conditioning of thin film modules; analysis of the results; energy rating.

LANGUAGES

Greek: Mother tongue, **English:** Proficient user (C2 level), **Italian:** Proficient user (C2 level), **French:** Independent user (B2 level).

PUBLICATIONS (selection)

- *Clean Energy Technology Observatory: Photovoltaics in the European Union – 2022 Status Report on Technology Development, Trends, Value Chains and Markets*, European Commission, 2023, (<https://data.europa.eu/doi/10.2760/812610>)
- *Overview of the potential and challenges for Agri-Photovoltaics in the European Union*, European Commission, 2023, (<https://data.europa.eu/doi/10.2760/208702>)
- *The Role of Direct Air Capture in EU's Decarbonisation and Associated Carbon Intensity for Synthetic Fuels Production*, Energies, 2023, (<https://doi.org/10.3390/en16093881>)
- *The European Solar Communication—Will It Pave the Road to Achieve 1 TW of Photovoltaic System Capacity in the European Union by 2030?*, Sustainability, 2023, (<https://doi.org/10.3390/su15086531>)

- *Evolution of European light-duty vehicle CO2 emissions based on recent certification datasets*, Transport Research Part D: Transport and Environment, 2022, (<https://doi.org/10.1016/j.trd.2022.103287>)
- *BIPV-temp: A demonstrative Building Integrated Photovoltaic installation*, Applied Energy, 2016, (<https://doi.org/10.1016/j.apenergy.2016.03.097>).
- *Overview and analysis of current BIPV products: new criteria for supporting the technological transfer in the building sector*, Vitruvio – International Journal of Architectural Technology and Sustainability, 2016, (<https://doi.org/10.4995/vitruvio-ijats.2015.4476>).
- *Preconditioning of thin-film PV module technologies for calibration*, Progress in Photovoltaics, 2014, (<http://dx.doi.org/10.1002/pip.2234>).
- *Evaluation of Hydrogen Production Methods Using the Analytic Hierarchy Process*, International Journal of Hydrogen Energy, 2009, (<https://doi.org/10.1016/j.ijhydene.2009.04.026>).

COMPUTER SKILLS

Microsoft Office, Minitab, Expert Choice, LabView and PV measurements software, BESTenergy, PVSyst, Joomla, Drupal.