

IVAN HAJDUKOVIC

PERSONAL INFORMATION

Place of birth: Geneva, Switzerland | **Date of birth:** June 14th, 1992 | **Nationality:** Swiss/Montenegrin |
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PROFILE SUMMARY

- Applied economist with a strong background in quantitative methods and data analysis
- 7 years of experience as a scientist in the public and private sectors (University of Oxford, University of Barcelona, WTO, EMEA, EPFL) on issues related to economic policies, international economics, environmental and resource economics, and nature-based solutions
- 2 years of experience as a data analyst in operational and data collection exercises in the humanitarian sector (IFRC)
- Author of peer-reviewed academic journal articles and experience in managing EU-funded projects
- Experienced public speaker at high-level international events

FIELDS OF INTEREST

Macroeconomics, Economic and environmental policies, International economics, Environmental and resource economics, Nature-based solutions, Applied econometrics, Humanitarian data analysis

EDUCATION

PhD in Economics, **University of Barcelona**, Spain, **2018-2021**. *Excellent (Summa) Cum Laude*

Department of Econometrics, Statistics and Applied Economics

Thesis: “Essays on fiscal and monetary policies”

Advisor: Raúl Ramos

Master of Science in Economics with specialisation in quantitative economics and macroeconomic policy, **University of Lausanne**, Switzerland, **2015-2017**

Thesis: “Assessment of business cycles in emerging economies: Evidence from Mexico and Turkey”

Exchange Program: **University of Bologna**, Italy, Fall **2016**

Bachelor of Science in Economics, **University of Geneva**, Switzerland, **2011-2015**

PROFESSIONAL EXPERIENCE

09/2024 Present **École Polytechnique Fédérale de Lausanne (EPFL)**, Postdoctoral researcher (90%), Laboratory of Landscape Development (LAND), School of Architecture, Civil and Environmental Engineering (ENAC), Lausanne, Switzerland.

The role involves contributing to the laboratory's research on landscape development and renewable energy, focusing on their environmental, socio-economic, and policy aspects. My research examines how EU and national policies promote synergies and address trade-offs between renewable energy development and biodiversity

conservation. I also conduct research on energy and resource economics and nature-based solutions (NbS), focusing on agroforestry financing and micro-scale NbS interventions. In parallel, I am involved in teaching and supervision for the courses *The city-tree*, *Design Project*, and *Individual SIE Project* at the bachelor's and master's levels.

12/2024 Present **Euro-Mediterranean Economists Association (EMEA)**, Research fellow (20%), Barcelona, Spain.

I carry out academic and policy research, while providing technical support and guidance to EU-funded projects, in particular ReForest (Horizon Europe).

09/2022 08/2024 **Euro-Mediterranean Economists Association**, Researcher, Barcelona, Spain.

The work involved supporting the implementation of EU projects by conducting economic policy research on sustainability and the environment. I led research for EMEA's participation in ReForest (2022-2026), a project funded by Horizon Europe that aims to increase the uptake of agroforestry in Europe. EMEA leads WP5 on finance and policy and is responsible for the project's co-creation and capitalisation strategy and actions (WP1). I was responsible for producing the project's deliverables, collaborating with partners, and building synergies with other projects. In parallel, I produced a research paper on the determinants of energy and materials productivity.

02/2022 07/2022 **International Federation of Red Cross and Red Crescent Societies (IFRC)**, Consultant, Planning, Monitoring, Evaluation and Reporting (PMER) Unit, Geneva, Switzerland.

First project: I developed an endline survey questionnaire and indicators to measure progress against the Almaty Commitments, established at the 10th European Regional Conference held in Almaty in May 2018. The data was collected from National Societies in Europe and used to produce a quantitative analysis report, the results of which were presented at the 11th European Regional Conference.

Second project: I conducted a country-level benchmark data analysis focused on the IFRC's strategic priorities to support the IFRC's unified planning process. Using data from the IFRC FDRS and UN OCHA Humanitarian Response Plans, the report compared the people reached by the National Societies' activities and those targeted and in need in the corresponding sectors of the countries.

05/2020 11/2021 **International Federation of Red Cross and Red Crescent Societies**, Data analyst, Federation-wide Databank and Reporting System, PMER Unit, Geneva, Switzerland.

The main tasks consisted in supporting data collection, validation and analysis. I was responsible for covering the Africa and Europe and Central Asia regions. The work included collecting data on the activities of the National Societies on an annual basis and the financial and programmatic indicators data relating to their response to COVID-19 on a quarterly basis. The data collected was analysed and used to produce the 2022 edition of the *Everyone counts* report, a flagship publication of the IFRC.

04/2019 10/2019 **World Trade Organisation**, Internship, Trade and Environment Division, Geneva, Switzerland.

The main work involved writing an empirical research paper assessing the impact of international trade on the price of solar photovoltaic modules. I also carried out several activities in support of the division's regular work, including research on trade and the

circular economy, preparing briefs on conferences and policy dialogues, and drafting a broad range of communications materials.

10/2018 – 02/2019 **University of Oxford**, Research assistant, Institute for New Economic Thinking, Oxford, United Kingdom.

I provided assistance in constructing a database of mineral commodities for a paper examining whether mineral commodities have become scarcer over the long term.

12/2017 – 02/2018 **University of Oxford**, Research assistant, Institute for New Economic Thinking, Oxford, United Kingdom.

I provided punctual assistance on a research project that reviews the empirical literature on the substitutability of natural capital (e.g., energy, materials) with other forms of capital (e.g., capital, labour) (see publication under “Participation in research projects”).

11/2017 – 11/2017 **London Stock Exchange Group**, Internship, Capital Markets Division, London, United Kingdom.

I worked within the Primary Markets team, focusing on issuer and internal services, as well as researching companies in the marketplace.

RESEARCH VISITS

University College London (UCL), Bartlett School of Environment, Energy and Resources, UCL Energy Institute, April-May 2024

University of Cambridge, Department of Land Economy, Cambridge Centre for Environment, Energy and Natural Resource Governance (CEENRG) and Conservation Research Institute (CRI), March 2024

PUBLICATIONS IN PEER-REVIEWED JOURNALS

Hajdukovic, I., Spataru, C., & Carvalho, P. (2026). Determinants of energy and material resources productivity. *Energy Reports*, 16, 109589.

Hajdukovic, I., & Jessel, B. (2026). Integrating biodiversity conservation into renewable energy development under the European Green Deal: A comparative analysis of national policies in France, Italy and Spain. *Environmental Challenges*, 23, 101517.

Hajdukovic, I., & Jessel, B. (2026). The EU policy on renewable energy and biodiversity: promoting synergies and addressing trade-offs. *Environmental Sciences Europe*, 38(32).

Hajdukovic, I. (2022). The impact of international trade on the price of solar photovoltaic modules: empirical evidence. *Economía*, 23(1), 88-104.

Hajdukovic, I. (2022). Transmission mechanisms of conventional and unconventional monetary policies in open economies. *International Economics and Economic Policy*, 19(3), 491-536.

Hajdukovic, I. (2021). Interactions among macroeconomic policies, the energy market and environmental quality. *Environmental Economics and Policy Studies*, 23(4), 861-913.

RESEARCH PAPERS

International trade and sustainable use of forest resources (with Chahir Zaki and Tiago Zibecchi) (work in progress)

Towards functional, just and scalable citizen-led nature-based solutions: an LLM-assisted analysis of 707 support programme records (with Kirk Enu) (work in progress)

A conceptual framework for sustainable financing of agroforestry in Europe (with Rym Ayadi, Martin Lukac and Tiago Zibecchi) (work in progress)

PARTICIPATION IN RESEARCH PROJECTS

- ReForest. Agroforestry at the forefront of farming sustainability in multifunctional landscapes in Europe. Horizon Europe project funded under EU's land, ocean and water for climate action (grant agreement (101060635), 2022-2026.
- Interreg MED Renewable Energy. One of the 8 MED Capitalisation Horizontal Projects of the Interreg Med Programme, co-financed by the European Regional Development Fund, 2016-2022.
- Cohen, F., Hepburn, C. and Teytelboym, A. (2019). Is Natural Capital Really Substitutable?. *Annual Review of Environment and Resources*, 44, 425-448.

EU PROJECT DELIVERABLES

- A sustainable financing scheme for agroforestry. D5.4 of ReForest (2024).
- Mapping report on agroforestry sector finance and policy 2. D5.2 of ReForest (2024).
- Interim assessment and report on networking impact. M3 of ReForest (2024).
- Mapping report on agroforestry sector finance and policy 1. D5.1 of ReForest (2023).
- Co-creation and knowledge capitalisation strategy. M1 and M2 of ReForest (2023).

REPORTS

- Hajdukovic, I. (2022). *Benchmark analysis to support IFRC Unified Planning Process for 2023*. Report to the IFRC
- Hajdukovic, I. (2022). *A quantitative analysis of the implementation of the Almaty Commitments in relation to the subthemes of the 10th European Regional Conference*. Report to the IFRC.
- Federation-wide Databank and Reporting System (2022). *Everyone counts 2022*.

PRESENTATIONS IN CONFERENCES, WORKSHOPS AND SEMINARS

2025-Present	8th European Agroforestry Conference 2026; EMANES Annual Conference 2025; University of Cambridge, Land Economy Early Career Researchers' Conference
2022-2024	EMANES Annual Conference 2024; EMEA, Cross Reis workshop on Building Capacities and the Knowledge Base for Regenerative Economy Stewardship; University of Cambridge, Joint CEENRG/CCI Conservation Seminar; COP28, 2023 United Nations Climate Change Conference, Agroforestry sector in the Euro-Mediterranean: Towards novel policies, cooperation, and financing frameworks; European Forest Institute, ResAlliance meeting
2021	University of Lisbon, 23rd Annual INFER Conference; City University of London, European Economics and Finance Society Nineteenth Annual Conference; Asociación Libre de Economía (ALdE) and the Revista de Economía Aplicada (REA), XXIII Applied Economics Meeting; University of A Coruña, XXVIII Meeting on Public Economics; University of

Strasbourg, Augustin Cournot Doctoral Days 18th Edition; Queen's University, Royal Economic Society Symposium of Junior Researchers 2021; University of Westminster, Global Economic Policy Group 2021: Politics, Integration and Trade

2020 University of Sorbonne Paris, 22nd Annual INFER Conference; University of Salamanca, Simposio de la Asociacion Espanola de Economia (SAEe); University of Barcelona, PhD in Economics Workshop 2020; University of Torino, The 61st Annual Conference of the Italian Economic Association; KU Leuven, Workshop on Empirical Public and Political Economics; University of Castilla-La Mancha, Toledo, XXI Conference on International Economics; SGH Warsaw School of Economics, Econometric Research in Finance Workshop 2020; University of Milan-Bicocca, XXXII Annual Conference of the Italian Society of Public Economics "Sustainability and public policy"; HSE and MGIMO Universities, Moscow, XI Conference on Statistical Methods Application for Analysis of Economics and Society; University of Barcelona, AQR-IREA Seminar

OTHER PROFESSIONAL ACTIVITIES

Reviewer for academic journals	The European Journal of Development Research; Environmental Economics and Policy Studies (2); Climate Policy; International Economics and Economic Policy; International Review of Financial Analysis; Renewable Energy; Journal of Applied Ecology
Conference organisation	EU-Mediterranean and African Network for Economic Studies (EMANES) (2022, 2023)

TEACHING AND SUPERVISION

Urban voids: mind the gap!, Projeter ensemble ENAC, EPFL. (Spring 2025)

Design project, Master of Science in Environmental Sciences and Engineering, EPFL. (Spring 2025, 2026).
Students supervised: Maxime Barre, Romain Wacongne, Lucille Rosenblatt, Martin Metier.

The city-tree, Projeter ensemble ENAC, EPFL. (Spring 2026)

Individual SIE Project, Master Environmental Sciences and Engineering, EPFL. (Fall 2026). Student supervised: Teresa Zabala Garcia

LANGUAGES AND COMPUTER SKILLS

Languages: French (native), Montenegrin (native), English (fluent), Italian (fluent), Spanish (intermediate)

Computer skills: Microsoft office (Excel, Word, Power Point), Stata

DISTINCTION

Nominated as a candidate for the "Thirteenth of July Award" in 2022; the highest Montenegrin prize, awarded on the "Statehood Day" for the most significant achievements in any field in the previous year

REFERENCES

References available upon request