

Lorenz Noe

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Policy analyst and research manager with 10+ years of experience advancing solutions through rigorous analysis, strategic advocacy, and multi-stakeholder engagement. Proven expertise in developing data infrastructure tools for government policy planning, managing cross-functional research initiatives, and translating technical findings into actionable policy recommendations for government officials and coalitions. Career foundation in U.S. legislative advocacy combined with deep analytical capabilities developed through climate finance, infrastructure, and systems modeling work. Skilled at independent project execution, coordinating bipartisan partnerships, and balancing competing priorities while maintaining rigorous evidence-based standards. Track record of producing influential thought leadership and practical tools that shape policy discussions and funding strategies across government, philanthropic, and international organizations.

PROFESSIONAL EXPERIENCE

Research Manager | Open Data Watch, Washington, DC

January 2021 – Present

- Lead development of Open Climate Data Template (OCDT), a government assessment tool evaluating availability and openness of 19 climate adaptation indicators including energy infrastructure, electricity systems, and transport electrification data. Coordinated with PARIS21, Center for Open Data Enterprise, and Hewlett Foundation to pilot assessments across six African countries, providing hands-on technical guidance to National Statistical Offices on data system improvements for policy planning.
- Conducted geospatial climate data analysis mapping populations in areas with insufficient data for IPCC AR6 climate projections across 185 countries, identifying data gaps affecting 1.5 billion people. Analysis directly informs energy infrastructure planning, grid resilience strategies, and climate adaptation policies in vulnerable regions.
- Manage strategic partnerships with OECD, bilateral and multilateral development institutions, and major foundations (Gates Foundation, Hewlett Foundation) to influence funding strategies supporting development data infrastructure, including for climate change data. Coordinate across diverse institutional stakeholders with competing priorities.
- Design and oversee development of comprehensive data infrastructure platforms tracking global financing flows for development data initiatives. Worked with IT teams to build Clearinghouse for Financing Development Data with robust data architecture and API integration.
- Produce policy-relevant thought leadership translating complex climate science, energy systems, and financing analysis into accessible reports, policy briefs, fact sheets, data visualizations, and interactive R-Shiny dashboards for diverse stakeholder audiences including government officials, foundation leadership, and international organizations.
- Represent organization in international policy forums including Financing for Development conference (FfD4), delivering strategic presentations to government delegations and UN member states on data financing strategies.
- Apply nonpartisan, evidence-based analytical approach to inform policy recommendations requiring support across political spectrum, successfully working with governments and stakeholders representing diverse political perspectives and institutional priorities.

Senior Data Analyst | Open Data Watch, Washington, DC

July 2019 – December 2020

- Conducted pioneering gap analysis of development financing flows supporting climate-related statistical systems and gender equality. Research findings continue informing partner advocacy strategies and funding allocation decisions.

Research Analyst, Global Economy and Development Program

The Brookings Institution, Washington, DC

June 2015 – July 2019

- Co-led climate solutions research analyzing pathways to achieve food security under climate change scenarios (Ending Rural Hunger project). Built comprehensive database integrating 106

indicators from 26 sources and developed interactive web platform adopted by International Fund for Agricultural Development for project planning and evaluation.

- Developed agricultural systems modeling frameworks using econometric analysis to assess vulnerability to climate change, land use efficiency, and resource optimization.
- Analyzed development finance flows and ESG investment outcomes using quantitative modeling techniques. Evaluated environmental and social governance impacts on IFC project profitability through econometric analysis.
- Executed multi-country research initiative sourcing and synthesizing data from 150+ countries, applying rigorous methods to produce influential paper on global middle class with 500+ citations.

Advocacy & Strategic Initiatives Intern

Habitat for Humanity International, Washington, DC

October 2013 – May 2014

- Collaborated with Director of Congressional Relations to develop U.S. advocacy strategy and execute Capitol Hill advocacy day on housing policy legislation, engaging directly with congressional offices to advance organizational policy priorities.
- Advanced HFHI engagement with G8/G20 on urban development and housing policy through stakeholder mapping and strategic partnership development, expanding organizational network across multilateral institutions and identifying strategic opportunities for policy influence.
- Developed inaugural performance measurement framework for national offices' advocacy activities, establishing baseline metrics for campaign evaluation and effectiveness assessment.

EDUCATION

Master of Public Policy (MPP) | Georgetown University | 2015

Relevant Coursework: Data Science, Applied Econometrics, Infrastructure Economics

B.A. Political Science (Honors) and Political Economy | University of California, Berkeley | 2011

SKILLS & TECHNICAL EXPERTISE

Policy Advocacy & Analysis: U.S. legislative and regulatory advocacy, evidence-based policy development, stakeholder coalition coordination, nonpartisan approach to cross-spectrum policy initiatives, government relations, Capitol Hill engagement

Climate & Energy Systems: Climate adaptation and resilience frameworks, energy infrastructure indicators, geospatial analysis (QGIS/ArcGIS), systems modeling for resource optimization, vulnerability assessment, decarbonization pathways analysis, infrastructure planning

Government Technical Assistance: Assessment tool development, government advisory services, data system capacity building, policy planning frameworks, technical guidance delivery to government officials

Quantitative & Technical Methods: R, Python, Stata, SQL, Git; econometrics, machine learning, predictive modeling, cost-benefit analysis, cost-effectiveness analysis, ESG impact assessment

Data Infrastructure & Visualization: Database architecture design, API integration, R-Shiny dashboard development, data quality assurance at scale, web platform development, interactive data visualization

Project & Stakeholder Management: Cross-functional team leadership, external consultant oversight, multi-stakeholder partnership coordination, deadline-driven execution, budget management

Communications & Writing: Policy brief development, fact sheets, presentation design for government officials and foundation leadership, fact-based research translation, web content creation, public speaking

Languages: English (native), German (native), Spanish (intermediate)

SELECTED PUBLICATIONS & PROJECTS

- Noe, Lorenz S. Open Climate Data Template (OCDT). Open Data Watch, July 2024. Assessment framework evaluating 19 climate adaptation indicators including energy infrastructure data.
- Noe, Lorenz S. Understanding the Gender-Climate Nexus. Gender Data Compass Issue Brief, Open Data Watch, November 2023.
- Noe, Lorenz S. "COP26: The World Needs a Better Data Strategy to Tackle Climate Change." Open Data Watch blog, October 2021. Analyzed IPCC AR6 data gaps affecting 1.5 billion people.
- Kharas, Homi, and Lorenz S. Noe. "How should official development assistance be allocated across countries?" Working Paper No. 125, The Brookings Institution, Sep 2018.
- Chandy, Laurence, Lorenz S. Noe, and Christine Zhang. "The global poverty gap is falling. Billionaires could help close it." The Brookings Institution, Jan 2016. Cross-posted in The Atlantic.