HYEJIN CARITAS KIM

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OVERVIEW

I am a researcher and practitioner with keen interests in nature conservation, education and sustainable development. I have diverse expertise in policy research, scenarios and models, data visualization, information communication and capacity development at multi-regional scales. I have an interdisciplinary training background in social sciences, international governance, and biodiversity conservation. I have research experience in monitoring the implementation of international policies in practice, and promoting data-driven policy and financial planning. I have coordination experience in organizational reform, capacity building, stakeholder engagement and institutional collaboration. I am passionate about fostering dialogue among scientists, policy makers and local practitioners through co-developing conceptual models and implementation plans for research coordination and decision support. I really enjoy working with people and institutions. In my leisure, I travel with my dog and cat exploring serene nature and learning how science, technology and policies have shaped human history and culture.

EDUCATION

MARTIN LUTHER UNIVERSITY HALLE-WITTENBERG   Halle & Leipzig, Germany
Doctoral candidate in Biology (Advisor: Prof. Henrique M. Pereira)   Expected 2022
iDiv German Centre for Integrative Biodiversity Research, Biodiversity Conservation Group
Courses: Integrative Biodiversity Science; Biodiversity and Niche Theory; Ecological Network and Coexistence; Biodiversity Conservation; Agent-based Modelling; Spatial Analysis and Modelling; Spatial Ecology; Mapping Ecosystem Services; Science Policy Interface; Structuring Nature (History of Science)

HARVARD UNIVERSITY   Cambridge, MA, USA
Master of Education, International Education Policy (Advisor: Prof. Thomas Cassidy)   June 2006
Courses: International Education Policy; Education Reform; Civil Society and Development; Education Policy Analysis and Research; Models for Policy Analysis and Planning; Education Management, Planning and Evaluation; Microeconomics for Educators; Applied Regression and Data Analysis; Econometrics for Program Evaluation

UNIVERSITY OF NOTRE DAME   Notre Dame, IN, USA
Bachelor of Arts and Science, Anthropology & Sociology (Advisor: Prof. Daniel J. Myers)   May 2004
Courses: statistics for social research; development of theory in anthropology, sociology, and theology; research methods; inter-analysis of collective contention (National Science Foundation funded research); courses in pre-medicine, sociology, socio-cultural anthropology, philosophy, world religion, and conflict resolution and peace

KNOWLEDGE & SKILLS

Areas: biodiversity science; sustainable development; global governance; policy research, analysis and planning; systems dynamics, mental model and conceptual mapping; model building and forecasting; data visualization and knowledge transformation; monitoring and evaluation; project planning, organization and management; historical trend analysis and future projections across scale using census, administrative, and household surveys; culture and institutionalization of international development; institutional gap and needs analysis; information communication
Computer: MS Office Word, Excel and PowerPoint, R, ArcGIS, STATA, Visual Basic/Macro, SQL, Vensim, HTML
Language: English (fluent), Korean (native), German (basic), Spanish (basic)

RESEARCH & WORK EXPERIENCE

GERMAN CENTRE FOR INTEGRATIVE BIODIVERSITY RESEARCH (iDiv)   Leipzig, Germany
Doctoral Researcher, Biodiversity Conservation Group   May 2017 to Dec 2021
- Pursue in a Ph.D. on nature-centered, multi-scale, and cross-sectoral scenarios "Nature Futures" for biodiversity conservation policies and practice through participatory stakeholder engagement and scientific community mobilization with IPBES and GEOBON
- Study and understand the role of biodiversity and ecosystems science in conservation across scale, review scenarios and models developed to date, and coordinate and analyze results of comparative and complementary modelling on biodiversity and nature's contributions to people with scientific communities.
- Survey and monitor the conservation landscape to assess the uses and needs of scenarios-based information, facilitate stakeholder consultations, and co-develop scenarios and modelling framework of IPBES.
- Actively participate in ongoing discussion and development of science-policy collaboration at local, national, regional and global scale as a member of GEOBON Policy Taskforce & iDiv Science Policy Committee.

GROUP ON EARTH OBSERVATIONS BIODIVERSITY OBSERVATION NETWORK   Leipzig, Germany
Member of the Secretariat   June 2017 to Oct 2020
- Supported the implementation of GEOBON's work plan, and co-organize and facilitate workshops and events.
- Coordinated the Essential Biodiversity Variables 2020 (EBV2020) Initiative which showcases the use of EBVs and EESVs from global to sub-global levels integrating in situ and remote sensing observations to generate policy-relevant data products, organized two hybrid workshops and three virtual conference sessions.
- Represented GEOBON at science policy fora (e.g., CBD) and co-developed documents and interventions

NATIONAL INSTITUTE OF ECOLOGY, Department of Consilience Research   Seocheon, Korea
Technical Support Unit for IPBES Knowledge and Data Task Force   Jan 2015–Mar 2017
Technical Expert and Indicators Task Group Coordinator
- Monitored the activities of international conventions and initiatives, including the United Nations Convention on Biological Diversity (CBD) and Sustainable Development Goals (SDG).
- Researched on biodiversity, ecosystem services, and science-policy interfaces to facilitate the operation of the Knowledge and Data Task Force in IPBES
- Coordinated the Indicators Task Group to integrate a standard set of indicators across IPBES assessments through the review selection of indicators via expert consultation, procedure establishment and endorsement by the Plenary, resource mobilization and institutional collaboration with partner institutes
- Liaised and collaborate with IPBES Secretariat, Task Forces, Expert Groups, Technical Support Units, and strategic partner organizations to implement IPBES work programme.
- Drafted meeting documents and reports and facilitate plenaries, expert group meetings and workshops.

UNESCO, *Education for All Global Monitoring Report*   Paris, France
Research Consultant   Mar 2012-Feb 2013
- Managed data and visuals for the thematic part of *EFA Global Monitoring Report 2012: Youth, Skills & Work.*
- Conducted data analyses, developed methodologies for estimates, and presented results and findings.
- Proofread, checked data accuracy, and fine-tuned graphs to finalize the *EFA Global Monitoring Report 2012*.
- Conducted literature review and identified commission studies for the *EFA Global Monitoring Report 2013*.
- Consulted on internal data management and data validity systems of GMR's publications and databases.

EDUCATION POLICY AND DATA CENTER   Washington, D.C., USA
Research and Technical Officer (Research Associate, 2006-2008)   Aug 2006 – May 2012
- Conducted multi-national research analysis commissioned by the World Bank, UNESCO, USAID and other donor agencies and private foundations by reviewing and organizing background information, surveying, compiling, analyzing and visualizing data in the context of project focus, and writing reports on findings.
- Customized education projection models and produced country profiles based on scenarios set with different policy interventions for education resource planning in communication with clients and partners.
- Managed ongoing development of EPDC's education projection models and data visualization tools—*EdPop, DemoEd, ProEnrol, ProjecTrend, HIPE*—by designing layouts, programming in Excel, VBA and SQL, ensuring data quality, running simulations, calibrating models and producing reports on a series of countries.
- Developed country and donor profiles that present current status of education, national education priorities, strategies and goals of multilateral and bilateral donor agencies and private foundations, disbursed and forecasted official and non-official development assistance data, and operating projects by donor, presenting information and visualizing data in an easy-to-understand way to identify opportunities for assistance.
- Developed extraction .do files for large household survey datasets—DHS, MICS, LSMS, etc.—checked data reliability, consistency and quality and conducted analysis, using statistical analysis software STATA.
- Wrote user-guides on EPDC's tools including projection models and various web-based features.
- Disseminated and trained on the use of EPDC's resources including the website, education data and data visualization tools for research and project planning, mainly to officers at FHI 360 and USAID.
- Publicized EPDC and its resources by producing and disseminating EPDC newsletters and organizing and conducting EPDC information workshops at international education conferences.
- Managed the EPDC website by coordinating the communication across EPDC and web engineers.
- Reviewed, commented, proofread, edited and published EPDC publications with FHI360's Design Team.
- Collaboratively produced EPDC portfolio 2004-2009 with EPDC senior staff for the USAID evaluation.

AMERICAN FEDERATION OF TEACHERS   Washington, D.C., USA
Research Intern, International Affairs & Educational Issues Departments   Sep 2004 – Jun 2005
- Attended education forums and wrote policy memos and articles on U.S. and global education issues.
- Conducted research, collected resources, and produced teacher's resource guide AIDS Epidemic in Africa.
- Assisted in coordinating the AFT's biannual conference *The QuEST* (Washington, DC) and a U.S.-Russia teacher training conference *Civics Mosaic* on comparative civic education (Philadelphia, PA).

UNIVERSITY OF NOTRE DAME   Notre Dame, IN. USA
Research and Data Analyst, **Department of Sociology**   Sep 2002 - May 2004
- Designed and conducted qualitative research based on literature review and interviews for undergraduate thesis "Class, Culture and Conflict: African American-Korean American Conflict in South Central Los Angeles", funded by the National Science Foundation (supervisor: Professor Daniel Myers).

Research and Data Analyst, **Department of Anthropology**   Sep 2003 - May 2004
- Compiled data and conducted quantitative analysis in writing a research paper "The Vertical Space Use and Social Interactions of the long-tailed monkey *Macaca fascicularis* at Padangtegal, Ubud, Bali, Indonesia" (supervisor: Professor Agustin Fuentes)

FELLOWSHIP & SECONDMENT

INTERGOVERNMENTAL PLATFORM ON BIODIVERSITY AND ECOSYSTEM SERVICES Bonn, Germany
Fellow on development of scenarios on nature and its contributions to people   Mar 2019 to present
- Engage and support the development of biodiversity-centric Nature Futures scenarios in collaboration with the expert group on scenarios and models, IPBES assessments, and partnering institutes and stakeholders.

YALE UNIVERSITY, Jetz Lab & Map of Life   New Haven, USA
Secondment of IPBES Technical Support Unit to Knowledge and Data Task Force   Oct – Dec 2016
- Under the supervision of Professor Walter Jetz, collected and pre-processed data from indicator custodian agencies with factsheets, and developed R codes to produce standardized sets of trend and status graphs at the global, IPBES regional, subregional and country level on 30 core indicators for the IPBES assessments (along with 45 highlighted indicators only with factsheets).
- Coordinated communication across the Indicators Task Group, IPBES Secretariat, and indicator agencies.
- Pre-secondment training at GEO BON (3 weeks, June-July 2016) and UNEP-WCMC (2 weeks, August 2016).

CONSULTANCY & INTERNSHIP

STATISTICS KOREA, Statistical Research Institute   Daejeon, Korea
Research Contractor, Trend Analysis Unit   Feb – Aug 2014
- Conducted research on best practices of e-census systems around the globe to suggest improved designs of questionnaires and internet interface to enhance response rates and data quality for upcoming Census 2015.

SAN JAYEON ALTERNATIVE SCHOOL   Yeongcheon, Korea
Primary School Coordinator and Integrative Education Teacher   May - Dec 2013
- Supported independent establishment of primary school with government appropriation of secondary school
- Coordinated teachers in preparing, organizing, operating, evaluating and improving primary school programs and courses to create effective teaching and learning environment and school community.

HARVARD UNIVERSITY, **Office of the Provost**   Cambridge, MA, USA
Program Management, **New England Higher Education Recruitment Consortium**   Spring 2006
- Developed and implemented membership fee structure using financial modeling in Excel.

CHICAGO FIELD MUSEUM, Department of Anthropology   Chicago, IL, USA
Summer Intern, New Acquisition Management   Summer 2004
- Developed a database and an archive for 500 McCllelan Native American artifacts from Yukon territories.

PUBLICATIONS

- "Towards a better future for biodiversity and people: modelling Nature Futures" by HyeJin Kim et al. (in review.) https://osf.io/preprints/socarxiv/93sqp/
- "Global trends in biodiversity and ecosystem service from 1900-2070" by Henrique M. Pereira et al. (in review) https://doi.org/10.1101/2020.04.14.031716
- "Nature futures for the urban century: Integrating multiple values into urban management" by Andressa Mansur et al. *Environmental Science and Policy.* 2022. https://doi.org/10.1016/j.envsci.2022.01.013
- "Biodiversity post-2020: Closing the gap between global targets and national-level implementation. Andrea Perino et al. *Conservation Letters.* 2021. https://doi.org/10.1111/conl.12848
- "Emerging response options and scenarios of slow onset events related to climate change in Southeast Asia." Margaret Matias et al. *Current Opinion in Environmental Sustainability, 50, 175-184.* 2021. https://doi.org/10.1016/j.cosust.2021.04.004

- "Developing multi-scale and integrative nature-people scenarios: the IPBES Nature Futures framework." by Laura Pereira et al. https://besjournals.onlinelibrary.wiley.com/doi/full/10.1002/pan3.10146
- "Conservation goals in international policies" by Aletta Bonn et al., a book chapter in Conservation Research, Policy and Practice by William Sutherland et al. Cambridge University Press. April 2020. https://doi.org/10.1017/9781108638210.015
- Ch. 4 Plausible futures of nature, its contributions to people and their good quality of life. In: IPBES Global Assessment on Biodiversity and Ecosystem Services. https://ipbes.net/global-assessment
- "Challenges in producing policy-relevant global scenarios of biodiversity and ecosystem services". *Global Ecology and Conservation,* vol. 22. 2019. https://doi.org/10.1016/j.gecco.2019.e00886
- "A protocol for an intercomparison of biodiversity and ecosystem services models using harmonized land-use and climate scenarios". *Geoscientific Model Development*, 11, 4537-4562. 2018. https://doi.org/10.5194/gmd-11-4537-2018.
- "Monitoring biodiversity change through effective global coordination". *Current Opinion in Environmental Sustainability*, 29, 158–169. 2017. https://doi.org/10.1016/j.cosust.2018.02.005.
- "Multiscale scenarios for nature futures". *Nature Ecology and Evolution*. 1 (10), 1416 – 1419. 2017. https://doi.org/10.1038/s41559-017-0273-9.
- "The Biodiversity Informatics Landscape: Elements, Connections and Opportunities". *Research Ideas and Outcomes*, 3, e14059. 2017. https://doi.org/10.3897/rio.3.e14059.
- "Viewing the reconstruction of primary schooling in Southern Sudan through education data, 2006–2009". *PROSPECTS*, 41(2), 283–300. 2011. https://doi.org/10.1007/s11125-011-9189-3.
- "Class, Culture and Conflict: African American-Korean American Conflict in South Central Los Angeles". Summer 2005. *Sociological Voices Volume II.* University of Notre Dame Press. [undergraduate thesis]

COMMISSIONED STUDIES & TECHNICAL REPORTS

- Report on the workshop 'Global Modelling of Biodiversity and Ecosystem Services'. PBL Netherlands Environmental Assessment Agency Publication No. 3798, 58 pp. 2019. PBL, The Netherlands. Link to report
- Report on the Workshop "From visions to scenarios for nature and nature's contributions to people for the 21st century". PBL Netherlands Environmental Assessment Agency Publication No. 3756, 47 pp. 2019. PBL, The Netherlands. Link to report
- Report on the workshop "Next Steps in Developing Nature Futures." PBL Netherlands Environmental Assessment Agency Publication No. 3411, 27 pp. 2018. PBL, The Netherlands. Link to report
- Visions for nature and nature's contributions to people for the 21st century. NIWA Science and Technology Series Report No. 83, 123 pp. 2017. NIWA, New Zealand. Link to report
- Development of e-Questionnaire for 2015 Population and Household Census: results of the third pilot questionnaire using eye-tracking experiment and expert review. Spring 2015. Statistical Research Institute at Statistics Korea, Daejeon. [in Korean, available upon request]
- Gap Analysis: Education Information and Education Policy and Planning in Mozambique. May 2011. RTI/EdData II, Washington DC. Link to report
- Seeing the Reconstruction of Primary Education in Southern Sudan through EMIS 2006-2009. Background paper commissioned for the *EFA Global Monitoring Report 2011.* March 2011. UNESCO, Paris. Link to report
- Estimating the Cost of Achieving Education for All in Low-Income Countries. Background paper commissioned for the *EFA Global Monitoring Report 2010.* January 2010. UNESCO, Paris. Link to report
- Four Studies of Education Growth: Inequality by wealth, Age effects, Sub-national learning differentials, and Projections. Background paper commissioned for the *EFA Global Monitoring Report 2009*. October 2008. UNESCO, Paris. Link to report
- *Global Educational Trends 1975-2025: A Brief Review of Data on Ten Key Issues*. Publication commissioned by the USAID. December 2009. Academy for Educational Development. Washington DC. Link to report
- How (Well) is Education Measured in Household Surveys?: A comparative analysis of the education modules in 30 household surveys from 1996-2005. International Household Survey Network, IHSN Working Paper No. 002. April 2008. Link to report
- School Attendance and Enrolment: Global trends and projections. Background paper commissioned for the *EFA Global Monitoring Report 2008.* November 2007. UNESCO, Paris. Link to report

INVITED TALKS & CONFERENCE PRESENTATIONS

- "Enhancing Data Interoperability through Essential Variables and Biodiversity Observation Networks." Sixth Expert Forum of the UN System of Environmental Economic Accounting. December 2021. Virtual.

- "Enhancing the role of biodiversity scenarios in policy development and implementation for sustainable and positive futures: Connecting and interweaving multiscale perspectives and processes." Biodiversa BiodivScen Interim Conference. October 2021. Virtual.

- "External Review of the Nature Futures Framework." A webinar for the Social Science and Humanities Stakeholder Network of IPBES ONet. October 2021. Virtual.

- "Enhancing policy relevance of modelling and indicators through framework and data connectivity and cyberinfrastructure: recent developments in biodiversity and ecosystem services from IPBES and GEOBON." GLASSNET Workshop on Cyberinfrastructure. September 2021. Virtual.

- "Role of indicators in modelling scenarios using the Nature Futures Framework Part II: Potential role of Essential Biodiversity Variables and Essential Ecosystem Services Variables". IPBES workshop on modelling Nature Futures scenarios. January 2021. Virtual.

- "Nature Futures scenarios and modelling & the role of SSH scholars". IPBES Social Science and Humanities (SSH) Community of Practice Seminar. November 2020. Virtual.

- "Linking data and indicators with the SEEA EA – An overview of GEOBON EBV & EESV framework". Virtual Expert Forum on SEEA Experimental Ecosystem Accounting 2020. November 2020. Virtual.

- "EBVs-based analysis using the Intervention-Nature-Benefit framework for CBD Post-2020 Global Biodiversity Framework". GEOBON EBV2020 2nd Workshop. Feb. 2020. Leipzig, Germany.

- "Nature Futures, and the relevance of Essential Biodiversity of Variables (EBVs)." GEOBON EBV2020 1st Workshop. Oct. 2019. Washington, D.C., U.S.A.

- "Re-viewing the Concept of Biodiversity and Nature's Contributions to People." Structuring Nature: An Interdisciplinary and Intercultural Summer School. Aug. 2019. Berlin, Germany.

- "Integrated modelling for multi-scale nature futures" 2019 iDiv Conference. Aug. 2019. Leipzig, Germany.

- "Enhancing biodiversity conservation through the use of scenarios and models in informing societal decisions"
  - 2018 iDiv Annual Conference. December 2018. Leipzig, Germany
  - 2018 Student Conference on Conservation Science Europe. September 2018. Tihany, Hungary.

- "Shared Socio-economic Pathways on Biodiversity and Ecosystem Services for IPBES Global Assessment"
  - UN Convention on Biological Diversity SBSTTA22. July 2018. Montreal, Canada.

- "Nature Futures: IPBES multi-scale, multi-sectoral visions for biodiversity conservation"
  - 2017 iDiv Annual Conference. December 2017. Leipzig, Germany

- "Current use and future needs of scenarios and models"
  - Workshop on Biodiversity and Ecosystem Services Scenarios for IPBES using the Shared Socio-economic Pathways. October 2017. Leipzig, Germany

- "IPBES Knowledge and Data Task Force presentation"
  - Workshop scenarios and modelling for IPBES assessments. January 2016. Bilthoven, The Netherlands.
  - First authors' meeting for the regional assessment on biodiversity and ecosystem services for Europe and Central Asia. September 2015. Engelberg, Switzerland.

- "Developing a visual and user-interactive interface to make models more intuitive."
  - 2011 Comparative International Education Society Conference. May 2011. Montreal, Canada.

- "Seeing the reconstruction of primary education in Southern Sudan through EMIS 2006-2009."
  - 2011 Comparative International Education Society Conference. May 2011. Montreal, Canada.

- "High-level Interactive Projections for Education (HIPE) Model."
  - 2009 Comparative International Education Society Conference. March 2009. Charleston, SC.

- Education Policy and Data Center Information Workshop.
  - 2008 Comparative International Education Society Annual Conference. January 2008. New York City, NY.
  - 2007 World Congress of Comparative Education Society. Sept. 2007. Sarajevo, Bosnia and Herzegovina.

- "Institutionalizing Utilization-focused Approaches to Evaluation in Non-Governmental Organizations (NGOs): Creating a Culture of Evaluation."
  - 2007 American Evaluation Association Conference. November 2007. Baltimore MD.

- "Excel Projection Model of Increased Qualified Teachers in Albanian Primary and Secondary Schools."
  - 2007 World Congress of Comparative Education Society. Sept. 2007. Sarajevo, Bosnia and Herzegovina.
  - 2006 Harvard University Student Research Conference/International Forum. Feb. 2006. Cambridge, MA.

- "Class, Culture and Conflict: African American-Korean American Conflict in South Central Los Angeles."
  - 100th American Sociological Association Annual Conference. August 2005. Philadelphia PA.
  - 80th Annual North Central Sociological Association Conference. April 2005. Pittsburgh PA.
  - 2005 Midwest Sociological Society Annual Conference. April 2005. Minneapolis MN.

- "The Vertical Space Use and Social Interactions of the *Macaca fascicularis* at Padangtegal, Ubud, Bali, Indonesia"
  - 2004 First Annual Anthropology Undergraduate Research Exposition. April 2004. Notre Dame IN.

REVIEWS

Proposals for German Ministry of Science and Research BMBF (Dec 2019, April 2021)
Journals *Conservation Biology, Environmental Science and Policy, Sustainability Science*

CERTIFICATES

Ecosystem Services Partnership (ESP)   May 2015
Mainstreaming of Ecosystem Services for Biodiversity Conservation (intensive course and leadership training)

AWARDS & GRANTS

2022-2023	BioDivFund Postdoctoral Fellowship funded by Saxony-Anhalt State & Martin Luther University
Mar 2019	European Union Directorate-General CLIMA Climate Change Modelling Information Expert Support Fund (for Denver Scenarios Forum 2019)
Nov 2018	iDiv Female Scientist Career Fund (for CBD COP14)
Sept 2018	Student Conference on Conservation Science (SCCS) bursary (for SCCS Europe 2018)
Dec 2017	iDiv Science Policy Committee Shadowing Program Fund (for CBD SBSTTA21)
2005-2006	Harvard Graduate School of Education Grant
August 2005	Joe Feagin Distinguished Undergraduate Student Paper Award, American Sociological Association
April 2005	Undergraduate Paper Competition First Place, North Central Sociological Association
April 2005	Undergraduate Paper Competition First Place, Midwest Sociological Society
May 2004	University of Notre Dame Best Sociology Essay Award
2002-2004	Research Experience for Undergraduate (REU) Grant, National Science Foundation
2002-2003	Undergraduate Research Opportunity Program (UROP) Grant, University of Notre Dame
2000-2004	University of Notre Dame Scholarships and Grants (full tuition)
May 2000	City of Torrance Outstanding Youth Coordinating Service "Ruth Cross" Award

LEADERSHIP & MEMBERSHIP

GLASSNET Local-Global-Local Analysis of Systems Sustainability, member	Since 2021
UN SEEA Indicators Working Group, member	Since Oct 2020
IPBES Scenarios and Models Taskforce, fellow	Since April 2019
GEO BON Policy Taskforce, member	Since June 2017
iDiv Science Policy Committee, member	Since 2017
iDiv Integrative Synthesis Club, co-founder and member	2018-2019
iDiv yDiv Integrative Biodiversity Science course Taskforce, Ph.D. representative	2018-2019
Harvard HGSE International Development and Education Association (IDEA), co-founder	2005-2006
Harvard 2006 Student Research Conference/International Forum, proposal committee	2005-2006
University of Notre Dame Academic Liaison for Career Center and Residential Hall	2001-2002
University of Notre Dame Multicultural Committee	2001-2002

POLICY SUPPORT TOOLS

National education profile and country/donor profiling tool for EPDC/FHI360   Spring 2012

Development of an automated profiling tool that visually presents country's education status with key education indicators, national education strategies and goals from the education sector plan, donors' financial disbursement and commitment, project descriptions of the past few years, to help identify country's needs and opportunities for assistance. https://www.epdc.org/taxonomy/term/90.html (education profiles only)

HIPE projection model for 2010-2015 milestones of WB GPE's M&E Results Framework   2010- 2011

Development of 2010-2015 milestones on education and finance indicators for the M&E Results Framework of World Bank Global Partnership for Education, including progressive trend-based cohort projections based on regression modeling of post-2000 education data for GPE's 81 endorsed and eligible countries, in collaboration with GPE Secretariat, documenting methodologies and developing data visualization and analysis tools.

Core education profiles for 19 countries for the USAID Asia and the Middle East Bureau   Winter 2010

Education profiles with school attendance, completion, education attainment, literacy and learning assessment data at the national and sub-national levels with time-series DHS and MICS household survey data, requested by USAID.

HIPE (High-level Interactive Projections for Education) model for Rwanda MOE   Winter 2010

User-friendly, visual and interactive population, student enrollment and completion, resource needs, and budget and cost projection tool with an education profile and a user-guide for Rwandan primary school system at the national level, developed for the Ministry of Education.

HIPE-GMR projection model for UNESCO *EFA Global Monitoring Report 2010*   2009- 2010

Developed a model to project financing gap in achieving Education for All by 2015 in 47 low-income countries, produced a user-guide and data documents with baseline, assumptions, targets, and projection results, commissioned by UNESCO Global Monitoring Report.

HIPE population and health cost projection model for USAID Africa Bureau   Winter 2009

HIPE model adapted for population and health cost projections comparing UN vs. user-set fertility rates for Sub-Saharan African countries, requested by USAID Africa Bureau.

HIPE pupil-teacher-cost projection model for USAID Africa and LAC Bureaus   2008

The beta version of HIPE model with pupil-teacher-cost projections on 200+ available countries, developed for high-level policymakers, requested by USAID Regional Bureaus.

Nigerian regional basic education profiles for USAID ENHANSE Project   2007

Developed six regional education profiles with Nigeria 2003 DHS EdData, comparing regional performance to the national average, with emphasis on parental perception on schooling and reasons for school attendance and absence. https://www.epdc.org/taxonomy/term/108.html

EdPop human capital projection model   2006

Transformed Excel spreadsheet model projecting human capital, using UN population data and education attainment from household survey data, into a more user-interactive and instructive tool.

REFERENCES

Available upon request