

TARYN FRANSEN

EDUCATION

University of California – Berkeley, Energy and Resources Group, PhD student, 2018 – present

- National Science Foundation InFEWS Fellow

Stanford University, Master of Science, Earth Systems

Stanford University, Bachelor of Science, Earth Systems

- Goldman Honors Program, John C. Goldman Award

PROFESSIONAL EXPERIENCE

World Resources Institute, 2018 – present, *Senior Fellow*

- Lead the development of research, analysis, and policy influence strategies pertaining to enhancing nationally determined contributions (NDCs) and long-term strategies (LTS) under the Paris Agreement

Office of the Governor of California, 2018, *Senior Policy Advisor*, [Global Climate Action Summit](#)

- Led engagement with business and finance sectors to develop ambitious policy commitments for the 2018 Global Climate Action Summit

World Resources Institute, 2005 – 2018

[Open Climate Network](#) (*Director, 2011 – 2018*)

- Established a network of over 20 research institutes in 15 countries to monitor progress towards national and international climate change commitments
- Managed 2-year policy analysis project that helped measurably enhance the quality (transparency and ambition) of several major countries' NDCs under the 2015 Paris Agreement
- Served as co-chair of UNEP Emissions Gap Report 2015 INDC Assessment
- Regularly authored peer-reviewed publications on climate change policy and contributed to design of online data and information tools such as the [CAIT Climate Data Explorer](#) and [Climate Watch](#)
- Raised and managed up to \$1.5M annual budget; supervised up to 4 direct reports and 15-person project teams

[Greenhouse Gas Protocol Initiative](#) (*Senior Associate, 2007 – 2010; Associate, 2005 – 2007*)

- Established greenhouse gas (GHG) monitoring programs in Brazil, China, India, Mexico, and the Philippines
- Oversaw the development of new international standards for GHG accounting and reporting, including sector-specific guidance for agriculture and forestry and reporting and verification of product life-cycle emissions
- Authored GHG accounting curriculum and served on the founding faculty for the GHG Management Institute
- Provided technical input on GHG management to World Bank Group, China Business Council for Sustainable Development, Confederation of Indian Industries, International Standards Organization, United Nations Environment Program, US Green Building Council, governments of Mexico, South Korea, Israel, and others

[Center for Sustainability Studies](#), *Fundação Getúlio Vargas, São Paulo, Brazil (Advisor, January-May 2009)*

- Led establishment of [national GHG reporting system](#) for Brazilian industry
- Led stakeholders, including companies, government agencies, and NGOs, to develop industry program rules
- Trained local staff on international standards and best practices for GHG accounting, reporting, and verification
- Conducted day-to-day work in Portuguese, including technical presentations and media interviews

Institutional Leadership and Recognition

- President's Pick award for most influential WRI paper of 2017
- Recognized for eight [WRI Top Outcomes](#) since joining WRI, including contributions to climate legislation in Brazil and Mexico, GHG accounting and reporting programs, and key inputs to the Paris Agreement

- Spearheaded strategic planning initiatives to guide WRI's work on climate and energy policy in major emerging economies, laying foundation for 2012 launch of [WRI Brasil](#)

United Nations Foundation, Washington, DC, 2003 – 2005, *Associate Program Officer, Climate Change & Energy*

- Supported initiative to engage institutional investors in climate risk management and advocacy
- Assisted with the development and management of \$25M climate and energy grant portfolio

C2ES (formerly Pew Center on Global Climate Change), Arlington, VA, 2001 – 2003, *Business Solutions Associate*

- Commissioned research on climate change solutions from academics and think tanks
- Helped recruit 10 new companies to the Pew Center's Business Environmental Leadership Council
- Created database to track state-level climate change policies
- Designed workshops and conferences for senior representatives of 40 Fortune-500 companies

PROFESSIONAL SERVICE

Member, Board of Directors, Greenhouse Gas Management Institute. April 2016 – March 2019.

Co-chair, United Nations Environment Program INDC Assessment Committee. Co-led a committee of 15 experts from 9 countries to conduct a UN-sponsored assessment of the impact of national climate change mitigation commitments; findings cited regularly by negotiators of the 2015 Paris Agreement.

Peer reviewer. Regularly peer-review articles for academic journals such as *Climate Policy*. Served as expert reviewer of finance chapter of the Intergovernmental Panel on Climate Change Fifth Assessment Report.

Media spokesperson. Select appearances: [538](#), [BBC](#), [Christian Science Monitor](#), [Economist](#), [Guardian](#), [National Geographic](#), [New York Times](#), [Politico](#), [Washington Post](#), [Vox](#)

SELECTED PUBLICATIONS

Journal Articles

Höhne, N., M. den Elzen, J. Rogelj, B. Metz, **T. Fransen**, T. Kuramochi, A. Olhoff, J. Alcamo, H. Winkler, S. Fu, M. Schaeffer, R. Schaeffer, G. P. Peters, S. Maxwell, N. K. Dubash. 2020. Comment: [“Emissions: world has four times the work or one-third of the time.”](#) *Nature* 579:25-28.

den Elzen, M., T. Kuramochi, N. Höhne, J. Cantzler, K. Esmeijer, H. Fekete, **T. Fransen**, K. Keramidas, M. Roelfsema, F. Sha, H. van Soest, T. Vandyck. 2019. [“Are the G20 economies making enough progress to meet their NDC targets?”](#) *Energy Policy* 126:238-250.

Rogelj, J., M. den Elzen, N. Höhne, **T. Fransen**, H. Fekete, H. Winkler, R. Schaeffer, F. Sha, K. Riahi, M. Meinshausen. 2016. [“Paris Agreement climate proposals need boost to keep warming well below 2°C.”](#) *Nature* 534(7609): 631-639.

McGranahan, G., S. Lewin, **T. Fransen**, C. Hunt, M. Kjellen, J. Pretty, C. Stephens, I. Virgin. 2000. [“Environmental change and human health in countries of Africa, the Caribbean and the Pacific.”](#) *Global Change and Human Health* 1(1).

Testimonies and Commentaries

Waskow, D., **T. Fransen**, J. Jaeger. 2020. [NDC Enhancement and COVID-19 Recovery: Building Blocks for a Sustainable Future.](#) Commentary. Washington, DC: World Resources Institute.

Fransen, T. 2020. Testimony before the U.S. House of Representatives Committee on Science, Space, and Technology Hearing on [An Update on the Climate Crisis: From Science to Solutions.](#) [Remarks.](#)

Levin, K. and **T. Fransen.** 2019. [Climate Action for Today and Tomorrow: The Relationship between NDCs and LTSs.](#) Commentary. Washington, DC: World Resources Institute.

Reports

Höhne, N., **T. Fransen**, F. Hans. 2019. "Bridging the gap: Enhancing mitigation ambition and action at G20 level and globally." In: UNEP. [The Emissions Gap Report: A UNEP Synthesis Report](#). Nairobi: UNEP. (Also served as lead author for similar chapter in *Emissions Gap Report 2018*.)

Fransen, T., I. Sato, K. Levin, D. Waskow, D. Rich, S. Ndoko, J. Teng. 2019. [Enhancing NDCs: A Guide to Strengthening National Climate Plans](#). WRI and UNDP Report. Washington, DC: World Resources Institute.

den Elzen, M., **T. Fransen**, T. Kuramochi. 2017. "Pre-2020 Action: Trends and Progress." In: UNEP. [The Emissions Gap Report: A UNEP Synthesis Report](#). Nairobi: UNEP. (Also served as lead author for similar chapters in *Emissions Gap Reports 2013, 2014, 2015, and 2016*.)

den Elzen, M., N. Höhne, K. Jiang, J. Cantzler, P. Drost, **T. Fransen**, H. Fekete, T. Kuramochi, D. Lee, K. Levin, J. Rogelj, F. Sha, M. Schaeffer, Z. Vrontisi. 2017. "The Emissions Gap and Its Implications." In: UNEP. [The Emissions Gap Report: A UNEP Synthesis Report](#). Nairobi: UNEP. (Also served as contributing author for same chapter in *Emissions Gap Report 2016*.)

den Elzen, M., **T. Fransen**, N. Höhne, H. Winkler, R. Schaeffer, F. Sha, A. Garg. 2015. "The Emissions Gap in 2025 and 2030." In: UNEP. [The Emissions Gap Report: A UNEP Synthesis Report](#). Nairobi: UNEP.

Lucon, O., V. Romeiro, **T. Fransen**. 2015. [Bridging the Gap Between Energy and Climate Policies in Brazil: Policy Options to Reduce Energy-Related GHG Emissions](#). WRI Report. São Paulo: World Resources Institute.

Nakhouda, S., **T. Fransen**, T. Kuramochi, et al. 2013. [Mobilising International Climate Finance: Lessons from the Fast-Start Finance Period](#). Report. Overseas Development Institute, World Resources Institute, and Institute for Global Environmental Strategies.

Working Papers

Levin, K., D. Rich, K. Ross, **T. Fransen**, C. Elliott. 2020. [Designing and Communicating Net-Zero Targets. Working Paper](#). Washington, DC: World Resources Institute.

Fransen, T., B. Welle, C. Gorguinpour, M. McCall, R. Song, A. Tankou. 2019. [Enhancing NDCs: Opportunities in Transport](#). Working Paper. Washington, DC: World Resources Institute.

Ross, K., T. Damassa, E. Northrop, A. Light, D. Waskow, **T. Fransen**, and A. Tankou. 2018. [Strengthening Nationally Determined Contributions to Catalyze Actions That Reduce Short-Lived Climate Pollutants](#). Working Paper. Washington, DC: World Resources Institute.

Mitra, A., P. Chitkara, K. Ross, M. Singh, S. Sawhney, S. Keswani, J.C. Altamirano, **T. Fransen**, S. Majumdar, P. Batra. 2017. [Pathways for Meeting India's Climate Goals](#). Working Paper. Washington, DC: World Resources Institute.

Fransen, T., E. Northrop, K. Mogelgaard, K. Levin. 2017. [Enhancing NDCs by 2020: Achieving the Goals of the Paris Agreement](#). Working Paper. Washington, DC: World Resources Institute.

Altamirano, J., K. Ross, **T. Fransen**, J. Martínez, E. Ortiz Sánchez, J. Rissman, C. Brown Solá. 2016. [Achieving Mexico's Climate Goals: An Eight-Point Action Plan](#). Working Paper. Washington, DC: World Resources Institute.

Ross, K. and **T. Fransen**. 2017. [Early Insights on Long-Term Climate Strategies](#). Working Paper. Washington, DC: World Resources Institute.

Damassa, T., **T. Fransen**, M. Ge, B. Haya, K. Pjeczka, K. Ross. 2015. [Interpreting INDCs: Assessing Transparency of Post-2020 Greenhouse Gas Emissions Targets for 8 Top-Emitting Economies](#). Working Paper. Washington, DC: World Resources Institute.

- Damassa, T., M. Ge and **T. Fransen**. 2014. [*The U.S. Greenhouse Gas Reduction Targets*](#). Working Paper. Washington, DC: World Resources Institute.
- Moe, T., S. Kallbekken, S. Nakhooda, **T. Fransen**, A. Caravani. 2013. [*The Norwegian Fast-Start Finance Contribution*](#). Working Paper. Washington, DC: World Resources Institute.
- Harmeling, S., A. Esch, L. Griesshaber, D. Eckstein, L. Junghans, S. Nakhooda, **T. Fransen**. 2013. [*The German Fast-Start Finance Contribution*](#). Working Paper. Washington, DC: World Resources Institute.
- Fransen, T.** and C. Cronin. 2013. [*A Critical Decade for Climate Policy: Tools and Initiatives to Track Our Progress*](#). Working Paper. Washington, DC: World Resources Institute.
- Damassa, T., N. Bianco, **T. Fransen**, J. Hatch. 2012. [*GHG Mitigation in the United States: An Overview of the Current Policy Landscape*](#). Working Paper. Washington, DC: World Resources Institute.
- T. Kuramochi, N. Shimizu, S. Nakhooda, **T. Fransen**. 2012. [*The Japanese Fast-Start Finance Contribution*](#). Working Paper. Washington, DC: World Resources Institute.
- T. Fransen**, K. Stasio, S. Nakhooda. 2012. [*The U.S. Fast-Start Finance Contribution*](#). Working Paper. Washington, DC: World Resources Institute.
- Fransen, T.** 2009. [*Enhancing Today's MRV Frameworks to Meet Tomorrow's Needs: The Role of National Communications and Inventories*](#). Working Paper. Washington, DC: World Resources Institute.
- Fransen, T.**, H. McMahon, S. Nakhooda. 2008. [*Measuring the Way to a New Global Climate Agreement*](#). Working Paper. Washington, DC: World Resources Institute.

Book Chapters

- Fransen, T.** 2011. "GHG Accounting: A Foundation for Sound Climate Governance." *Global Corruption Report 2010: Climate Change*. Ed. G. Sweeney, R. Dobson, K. Despota, D. Zinnbauer. New York, NY: Cambridge University Press. 107-119.
- Ozawa-Meida, L. **T. Fransen**, R. Jimenez-Ambriz. 2008. "The Mexico Greenhouse Gas Program: Corporate Responses to Climate Change in a Non-Annex I Country." *Corporate Responses to Climate Change: Achieving Emissions Reductions through Regulation, Self-Regulation and Economic Incentives*. Ed. R. Sullivan. Sheffield: Greenleaf. 117 – 137.

Technical Specifications

- Barua, P., **T. Fransen** and D. Wood. 2014. [*Climate Policy Implementation Tracking Framework*](#). Washington, DC: World Resources Institute.
- FGV. 2010. [*Especificações do Programa Brasileiro GHG Protocol*](#). São Paulo: Fundação Getúlio Vargas.
- Fransen, T.**, A Hsu, P. Bhatia. 2007. [*Measuring to Manage: A Guide to Designing GHG Accounting and Reporting Programs*](#). Washington, DC: World Resources Institute.

ADDITIONAL SKILLS

Proficient in Portuguese and Spanish

Data science: Python, R, SQL, spatial analysis