CHRISTOPH BERTRAM

PROFESSIONAL & RESEARCH EXPERIENCE

Since 04/2011	Potsdam Institute for Climate Impact Research (PIK), Potsdam, Germany Member of the global energy systems group
06/2012 – 08/2012	Participation in the Young Scientists Summer Program (YSSP) of the International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria
05/2010 – 03/2011	Potsdam Institute for Climate Impact Research (PIK), Potsdam, Germany Research analyst for Professors Rahmstorf and Schellnhuber at the German Advisory Council on Global Change (WBGU)
11/2009 – 03/2010	Heinrich Böll Foundation, Washington DC, USA Intern with the climate & energy program
05/2008 - 04/2009	Fraunhofer Institute for Solar Energy Systems ISE, Freiburg, Germany Final thesis on physics of phosphorus diffusion for solar cell emitters
09/2007 - 04/2008	Mörike-Gymnasium, Esslingen, Germany Intern teaching physics and political science in secondary school

PUBLICATIONS (peer-reviewed)

von Stechow, C., J.C. Minx, K. Riahi, J. Jewell, D.L. McCollum, M.W. Callaghan, C. Bertram, G. Luderer, G. B (2016): 2°C and SDGs: United they stand, divided they fall? Environ. Res. Lett., Vol. 11, Mar. 2016 [open access] .

McCollum D, Wilson C, Pettifor H, Ramea K, Krey V, Riahi K, Bertram C, Lin Z, Edelenbosch O, Fujisawa S. (2016) Improving the behavioral realism of global integrated assessment models: An application to consumers' vehicle choices. Transportation Research Part D: Transport and Environment (In Press).

Edelenbosch O, McCollum D, van Vuuren DP, Bertram C, Carrara S, Daly H, Fujimori S, Kitous A, et al. (2016) Decomposing passenger transport futures: Comparing results of global integrated assessment models. Transportation Research Part D: Transport and Environment (In Press).

C. Bertram, G. Luderer, R.C. Pietzcker, E. Schmid, E. Kriegler, and O. Edenhofer, "Complementing carbon prices with technology policies to keep climate targets within reach," Nature Climate Change, Vol. 5, 2015.

G. Luderer, R. Pietzcker, C. Bertram, E. Kriegler, M. Meinshausen, and O. Edenhofer, "Economic mitigation challenges: how further delay closes the door for achieving climate targets," Environ. Res. Lett., Vol. 8, Sep. 2013 [open access] .

C. Bertram, N. Johnson, G. Luderer, K. Riahi, M. Isaac, J. Eom, "Carbon lock-in through capital stock inertia associated with weak near-term climate policies", Technol. Forecast. Soc. Change, Vol. 90 Part A, p. 62-72, 2015 [open access].

G. Luderer, C. Bertram, K. Calvin, E. D. Cian, and E. Kriegler, "Implications of weak near-term climate policies on long-term mitigation pathways," Climatic Change, pp. 1–14, 2013.

K. Riahi, E. Kriegler, N. Johnson, C. Bertram, M. den Elzen, J. Eom, M. Schaeffer, J. Edmonds, M. Isaac, V. Krey, T. Longdon, G. Luderer, A. Mejean, D. L McCollum, S. Mima, H. Turton, D.

van Vuuren, K. Wada, V. Bosetti, P. Capros, P. Criqui, M. Hamdi-Cherif, M. Kainuma, O. Edenhofer, "Locked into Copenhagen pledges - Implications of short-term emission targets for the cost and feasibility of long-term climate goals", Technol. Forecast. Soc. Change, Vol. 90 Part A, p. 8-23, 2015 [open access].

J. Schwanitz, F. Piontek, C. Bertram, G. Luderer, "Long-term climate policy implications of phasing out fossil fuel subsidies", Energy Policy, Vol. 67, p. 882-894, 2014. [Preprint]

CONFERENCE TALKS (selected)

12/2015	IAMC meeting #8, Potsdam, Germany Bertram, C. et al.: "Implications of the INDCs for reaching long term climate policy objectives"
10/2014	IAEE European Energy Conference, Rome, Italy Bertram, C. et al.: "Mitigating the climate action gap with technology policies"
06/2013	International Energy Workshop IEW, Paris, France Bertram, C. et al.: "Carbon lock-in and path dependency associated with weak near-term climate policies"

EDUCATION

04/2011 – 01/2015	Potsdam Institute for Climate Impact Research (PIK), Potsdam, Germany and Technical University Berlin, Germany PhD thesis: "The effect of near-term climate policies on the achievability of ambitious long-term climate targets" ("Dr. rer. oec." 16.11.2015)
10/2003 – 09/2009	Universität Tübingen, Germany Advanced degree in physics ("Dipl.-Phys.")
10/2004 – 10/2009	Universität Tübingen, Germany Political science (major) and Spanish (minor) State examination ("Staatsexamen")
08/2006 - 04/2007	Universidad Nacional de Córdoba, Argentina Study abroad program funded by scholarship by the Landesstiftung Baden-Württemberg
09/1994 – 07/2003	Schelztor-Gymnasium, Esslingen, Germany University-entrance diploma ("Abitur")

SKILLS

Languages	German (native) English (fluent) Spanish (fluent) French (basic knowledge)
Computer	GAMS, R, Matlab, LaTeX, MS Office, VBA, Origin, gnuplot, Maple, Java

Latest update: 07 November, 2016