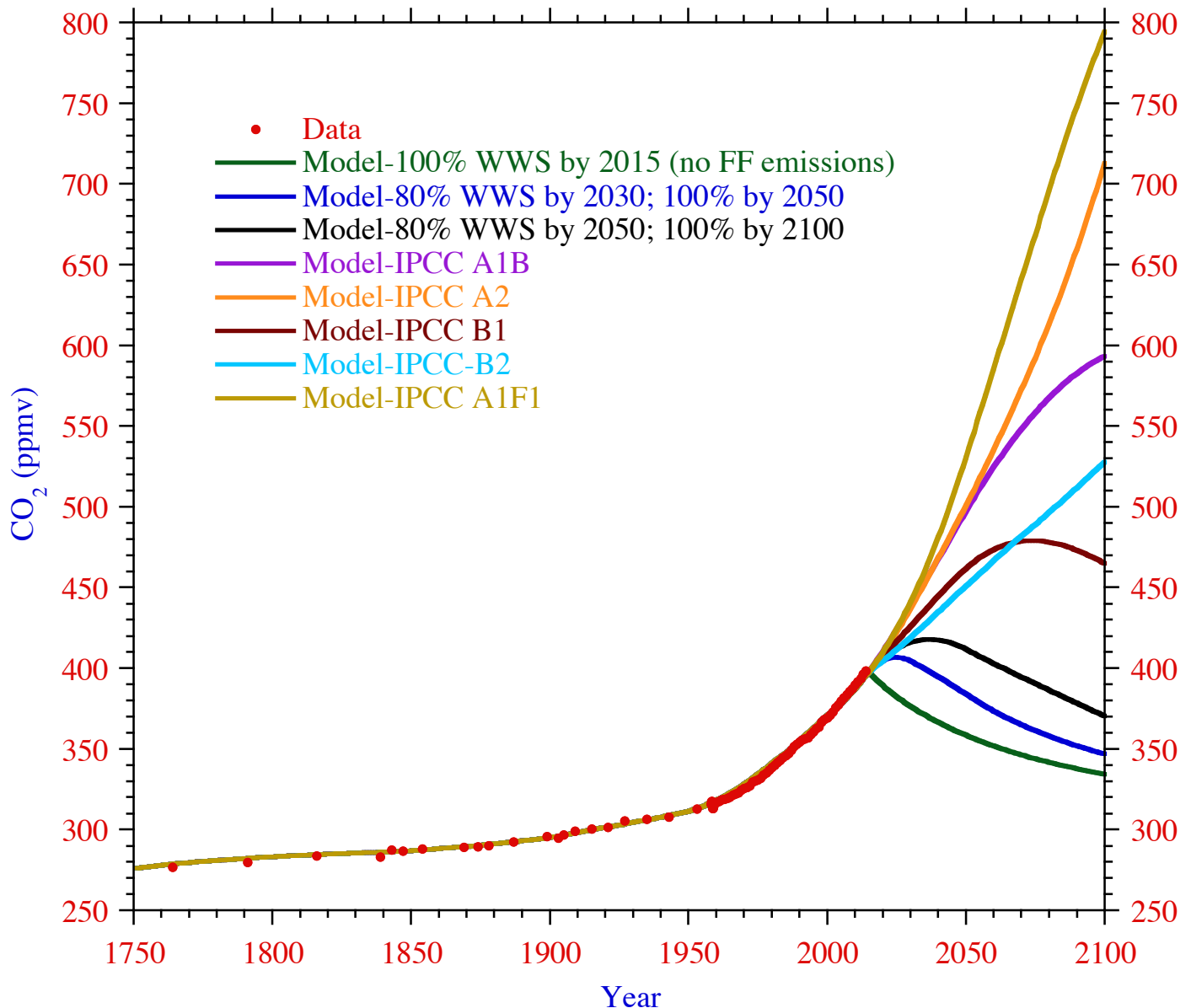


CO₂ From Siple Ice Core (1750-1953) / Mauna Loa (1959-2014) vs. CO₂ From GATOR-GCMOM Model (1750-2100), Including WWS and IPCC Scenarios After 2014



Source: Jacobson, M.Z., M.A. Delucchi, Z.A.F. Bauer, S.C. Goodman, W.E. Chapman, M.A. Cameron, Alphabetical: C. Bozonnat, L. Chobadi, J.R. Erwin, S.N. Fobi, O.K. Goldstrom, S.H. Harrison, T.M. Kwasnik, J. Liu, J. Lo, C.J. Yi, S.B. Morris, K.R. Moy, P.L. O'Neill, S. Redfern, R. Schucker, M.A. Sontag, J. Wang, E. Weiner, and A.S. Yachanin, 100% clean and renewable wind, water, and sunlight (WWS) all-sector energy roadmaps for 139 countries of the world, 2015, <http://web.stanford.edu/group/efmh/jacobson/Articles/I/WWS-50-USState-plans.html>.

GATOR-GCMOM: <http://web.stanford.edu/group/efmh/jacobson/Articles/IX/2004JD005220.pdf>

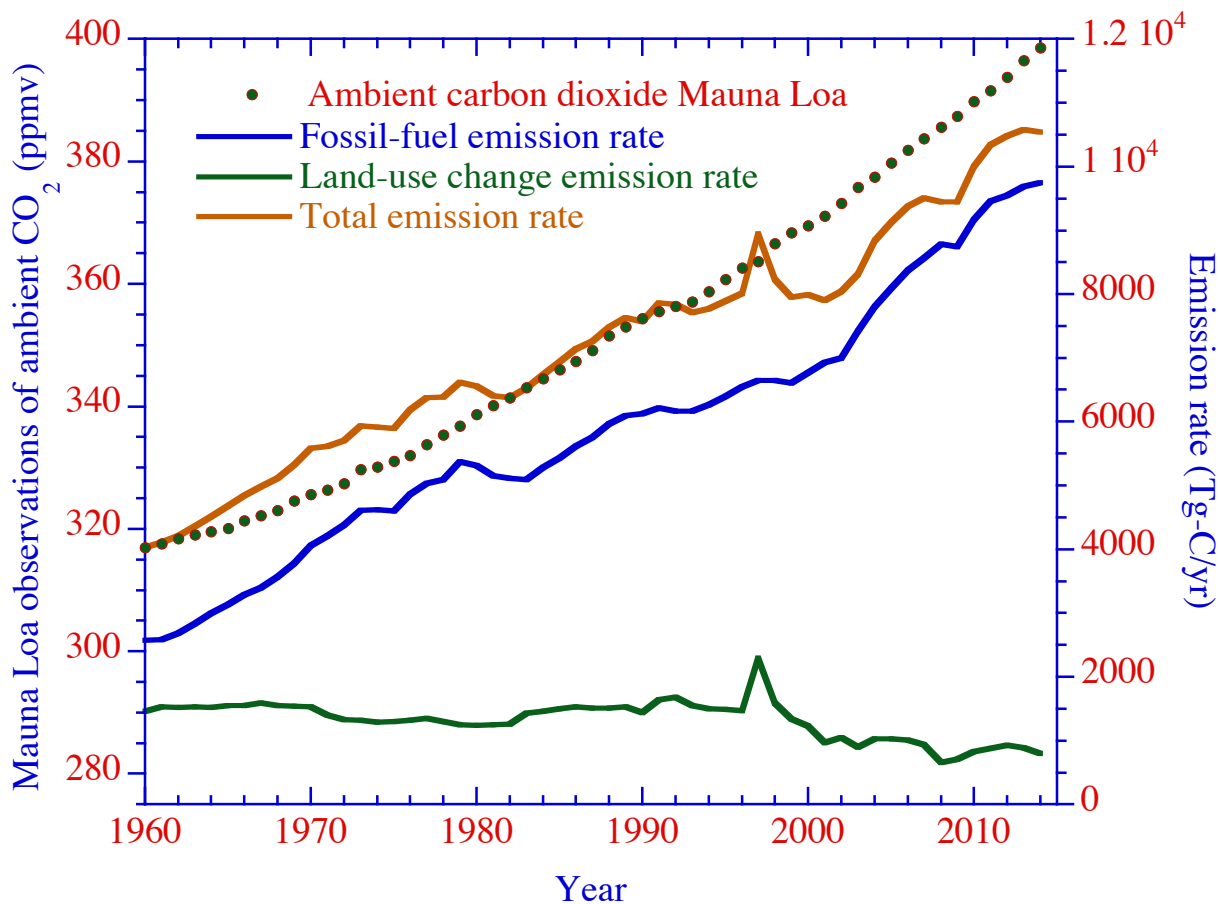
IPCC Emissions: http://sres.ciesin.org/final_data.html

Ambient: Mauna Loa: ftp://aftp.cmdl.noaa.gov/products/trends/co2/co2_annmean_mlo.txt

Siple: <http://cdiac.ornl.gov/trends/co2/siple.html>

Contact: Mark Z. Jacobson (jacobson@stanford.edu)

Measured annually-averaged ambient mixing ratio of CO₂ at Mauna Loa Observatory and global fossil-fuel plus land-use-change CO₂ emission rates



Sources:

Emissions: Le Quere et al. Earth Syst. Sci. Data 7, 47-85, 2015, <http://cdiac.ornl.gov/GCP/> and <http://infographics.pbl.nl/website/globalco2-2015/>

Ambient: ftp://aftp.cmdl.noaa.gov/products/trends/co2/co2_anmean_mlo.txt