Global Emissions Timeseries for Simple Climate Models

This manuscript (permalink) was automatically generated from openclimatedata/global-emissions@a3297a0 on May 31, 2018.

Authors

· Robert Gieseke

Potsdam Institute for Climate Impact Research

Abstract

Introduction

Easily updateable emissions input data for simple cliamte models like MAGICC6[1], Hector [2], or FAIR[3].

References

1. Emulating coupled atmosphere-ocean and carbon cycle models with a simpler model, MAGICC6 – Part 1: Model description and calibration

M. Meinshausen, S. C. B. Raper, T. M. L. Wigley

Atmospheric Chemistry and Physics (2011-02-16) https://doi.org/10.5194/acp-11-1417-2011

- 2. A simple object-oriented and open-source model for scientific and policy analyses of the global climate system Hector v1.0
- C. A. Hartin, P. Patel, A. Schwarber, R. P. Link, B. P. Bond-Lamberty

 Geoscientific Model Development (2015-04-01) https://doi.org/10.5194/gmd-8-939-2015
- 3. FAIR v1.1: A simple emissions-based impulse response and carbon cycle model
 Christopher J. Smith, Piers M. Forster, Myles Allen, Nicholas Leach, Richard J. Millar, Giovanni A.
 Passerello, Leighton A. Regayre
 Geoscientific Model Development Discussions (2017-12-07) https://doi.org/10.5194/gmd-2017-266