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**DreamStudio Model.Earth Welcome Letter Contributor Status:** dreamstudio.com/earth

Welcome, you’ve been accepted to DreamStudio’s Model.Earth Data Visualization Team!

Dreamstudio’s model.earth app is an open source web framework by DemocracyLab volunteers coordinated by   
Loren Kevin Heyns. The model.earth website provides data visualization using Exiobase International Trade Flow

data for multi-region input-output flow combined with AI Insights, BuildingTransparency.org product impact data, and Google DataCommons.org UN Goal timelines. Components are designed for reuse in any interested website.

Individual: #name#

Individual Email:#email#

Individual Phone:#phone#

Individual GitHub Account:#github#

Degree:#schoolDegree#  
OPT University Department:#optDepartment#  
OPT University Department Email and/or Phone:#optContact#

Job Title: **#jobTitle#**

Job Description: Data Prep and Web Visualization

Working hours: #workingHours# hours per week unpaid volunteer position

Starting date: #startDate#

Location: Remote, Google Meetups

**Project Description**

Multistate frontend to Google Data Commons, Exiobase and CEDA (Comprehensive Environmental Data Archive)   
for Sustainable Material Management (SMM) data flow. Data pipelines using Python, SQL and JavaScript

with Census APIs for RealityStream machine learning forecasting models. Full stack web development using   
Claude Code CLI with JAM Stack and NextJS using our Rust REST API with Azure PostgreSQL database instances.  
  
Project Organization: DreamStudio, 721 Grant Street SE, Atlanta, GA 30315 EIN: 81-1513294

Project Coordinator: Loren Kevin Heyns, loren@dreamstudio.com, (678) 468-1000

OPT Administrators interested in checking on the status of participants may visit: dreamstudio.com/earth

August 2025

Participant Signature: Coordinator Signature:



#name# Loren Kevin Heyns, DreamStudio