# Building a Partnership with Grab for Cross-ASEAN Regional Urban Insights

***Kurtis Heimerl, University of Washington***
Tim Althoff, University of Washington
See Kiong Ng, National University of Singapore

# Core Team



Dr. Kurtis Heimerl - Assistant Professor, UW. Co-director, ICTD Lab



Dr. Tim Althoff - Assistant Professor, UW. Lead, Behavioral Data Science Group



Dr. See Kiong Ng, Professor of Practice, NUS. Director, Translational Research for NUS's Institute of Data Science.
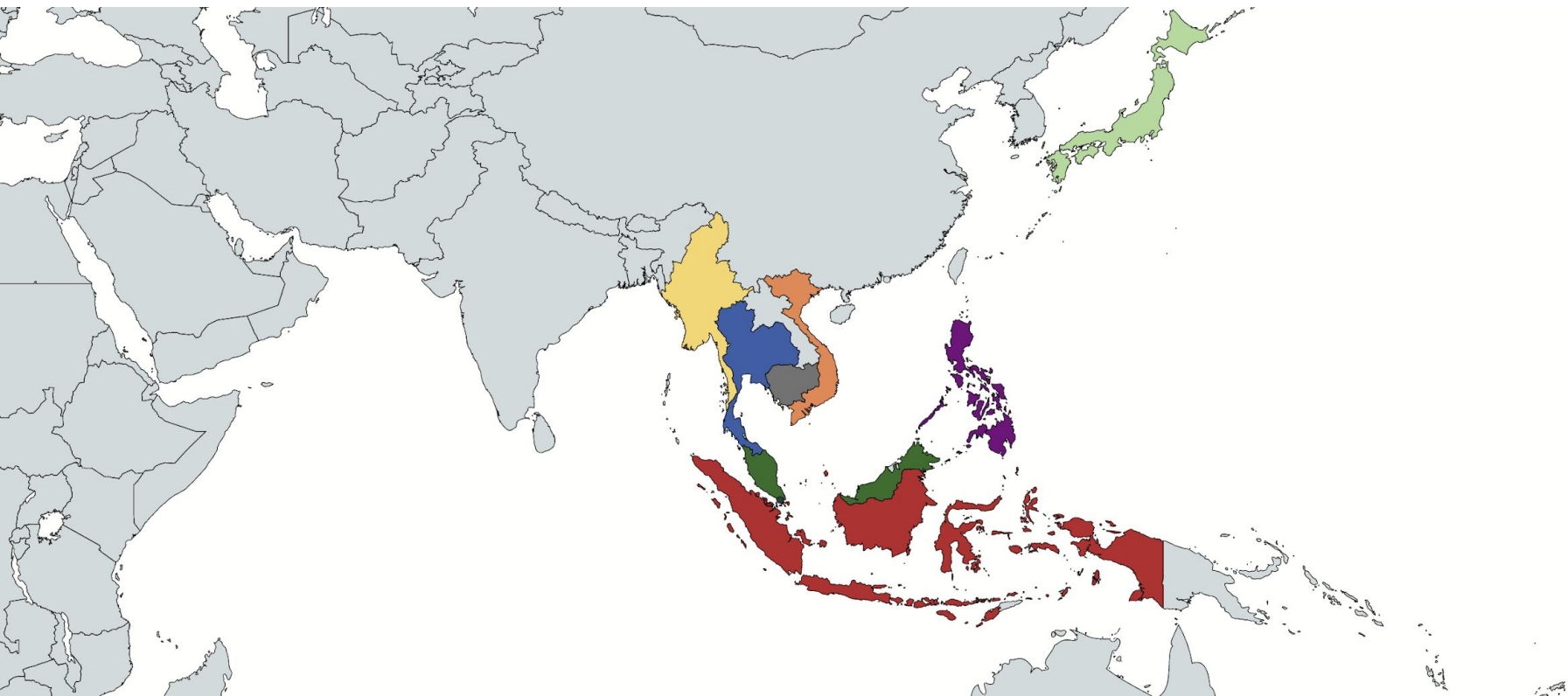
# Grab Holdings

- Preeminent ride-sharing and food delivery company in SEA

**Services**

- Transportation
  - Car
  - Motorcycle
- Delivery
  - Food Delivery
  - Groceries
  - Package Delivery
- Payments
- Movie Tickets
- Insurance
- Hotels

# Grab Regions

# Project Goal

Goal: **Leverage Grab's data to explore the implications of the platform on large, "social good" initiatives.**

Implementation:

1. Generate data sharing agreement between Grab/UW for direct data sharing with their Seattle Lab (potentially as internship)
   a. Backup: Travel to Singapore to leverage NUS's existing data sharing agreement if this agreement takes too long
2. Generate data insights
3. Confirm insights with qualitative investigation with partners

# Research Agendas

Question 1: **What is the effect of being a grab driver on income mobility?**

Intuition: Being a Grab driver probably helps people move up the ladder.

Question 2: **How does pollution affect Grab drivers?**

Intuition: Drivers drive less or avoid polluted areas.

Question 3: **How has income level affects food delivery during COVID?**

Intuition: Lower income areas get less food delivered, likely indicating particular vulnerability to COVID.

# Current Status

- Significant unforeseen delays due to COVID
    - Large changes in Grab Leadership
    - Inability to travel to Singapore
- Despite this, actively negotiating data sharing agreement in support of pollution study
    - Data most similarly models other data sharing agreements Grab has put into place