**Introduction**

[Improving worker skills to transform India’s brick sector | Climate & Clean Air Coalition (ccacoalition.org)](https://www.ccacoalition.org/en/activity/improving-worker-skills-transform-india%E2%80%99s-brick-sector) – Kilns need to switch from bull trench to zigzag to reduce emissions

**Earth Observation and Machine Learning to Meet Sustainable Development Goal 8.7: Mapping Sites Associated with Slavery from Space** - 572 images were used and rotated to increase the training size. One region was selected with 178 kiln to validate the model.

**Slavery from Space: Demonstrating the role for satellite remote sensing**

**to inform evidence-based action related to UN SDG number 8** - Estimating the number of kilns in the brick belt using zooniverse annotation of selected regions. 1142 kilns were found by validated expert adjudicators

**Tiny-Inception-ResNet-v2: Using Deep Learning for Eliminating Bonded Labors**

**of Brick Kilns in South Asia** - Examined the type of Inception blocks that performed the best. Still used 19M parameters.

**Scalable deep learning to identify brick kilns and aid regulatory capacity** -