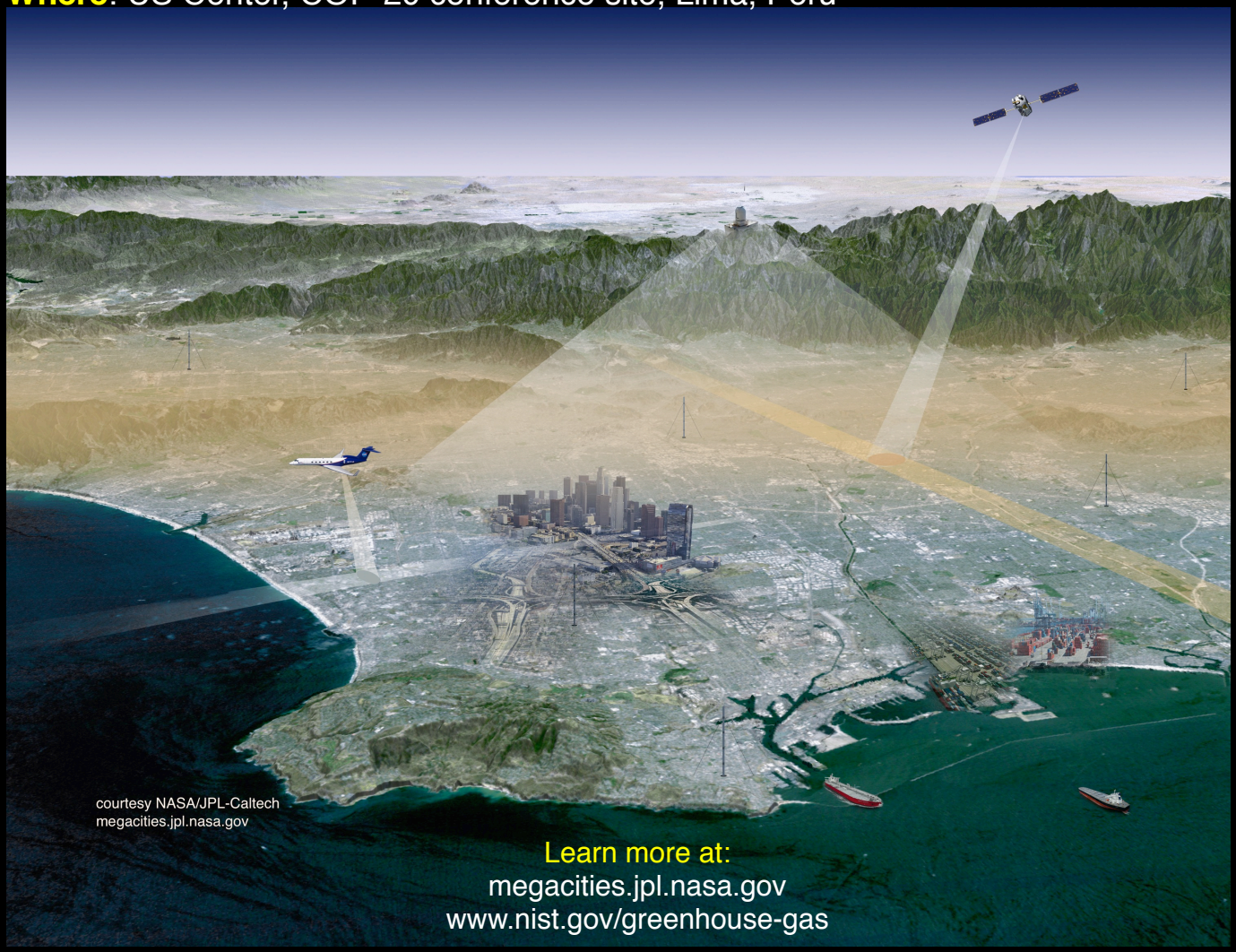
“Understanding the carbon emissions of cities” event at COP-20

Who: Individuals and organizations interested in recent scientific advances aimed at enabling greenhouse gas emissions mitigation in cities with improved quantification of overall trends and attribution to specific economic sectors and major emission sources.

What: Representatives from the US, French and Brazilian partnership for the Megacities Carbon Project will describe efforts in Los Angeles, Paris, São Paulo and other cities and summarize the emerging scientific capacity to measure and understand the carbon emissions of cities. The broader relevance and potential for future expansion and transparent data sharing will also be described.

When: Friday December 5, 4-5pm

Where: US Center, COP-20 conference site, Lima, Peru



courtesy NASA/JPL-Caltech
megacities.jpl.nasa.gov

Learn more at:
megacities.jpl.nasa.gov
www.nist.gov/greenhouse-gas

Understanding the carbon emissions of cities

(Megacities Carbon Project)

Dec 5, 2014, 4-5pm

US Center, COP-20 conference site, Lima, Peru

Riley Duren

NASA Jet Propulsion Laboratory, USA

Motivation and emerging scientific capacity for urban carbon monitoring; objectives and progress of the Los Angeles Megacities Carbon Project.

Philippe Ciais

Laboratoire des Sciences du Climat et de l'Environnement, France

Objectives and progress of the CarboCount-City project for Paris and Rotterdam.

Maria de Fatima Andrade

University of Sao Paulo, Brazil

Objectives and progress of NUANCE-SPS and follow-on project for Sao Paulo.

James Whetstone

National Institute of Standards and Technology, USA

Linking international urban carbon measurement efforts through existing metrology frameworks (Metre Convention).

Kevin Gurney

Arizona State University, USA

Applying urban carbon data to address needs of local decision makers and planners; new global data sets for fossil fuel CO2 emissions.