



Using Satellite Data
to
UNDERSTAND OUR WORLD

A RESEARCH AND LEARNING OPPORTUNITY FOR GRADUATE STUDENTS

Remote Sensing Analysis at the School of Global Policy and Strategy

Wednesday, October 5th, 3pm
Dugout Conference Room, RIMAC Annex

Launched in 2015, UC San Diego's **Big Pixel Initiative** is a living, learning laboratory with the mission to investigate and design best practices in geospatial data visualization, user experience interfaces and design techniques for scientific discovery and decision-making.

We invite curious and enthusiastic graduate students to learn how satellite data and remote sensing analysis can leverage your research and help you in your dissertation.

Join us for an informal meeting to learn about our lab, our research projects, the data we analyze and the analysis techniques we use.

Learn how satellite data can help you answer research questions related to your PhD dissertation.

We provide a living laboratory with hands-on experience for a research career and a potential to get involved in some of our existing projects

Our projects include measuring urbanization processes from space, the social and economic dimensions of deforestation, using satellite imagery to identify slums and informal settlements, coral bleaching quantification from high-resolution satellite data, measurement of land degradation in the semi-arid tropics and more...

Please RSVP:

<https://goo.gl/forms/rVV8u9XxsZ7GosvT2>



For more information, please contact Ran Goldblatt (rgoldblatt@ucsd.edu)

Co-directed by Gordon Hanson of the School of Global Policy and Strategy (GPS) and Albert Yu-Min Lin of the Qualcomm Institute, the Big Pixel Initiative began as two-year partnership with DigitalGlobe foundation, which provided UC San Diego access to its unprecedented collection of high-resolution satellite imagery, DigitalGlobe Basemap. In 2016, the initiative expanded its partnership with Google to include Google Earth Engine platform. In all, there are 10 projects currently underway, in addition to a course at GPS, which is leveraging these technologies.