Information extraction from satellite imagery at scale: use cases, technology and challenges

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Abstract: The promise of satellite imagery analytics is actionable insight provided by accurate, large scale information extraction. The range of use cases is wide and includes diverse customers, from government and global development agencies, to commercial companies looking to obtain a data-driven competitive edge. I will present some of these use cases, the technology that DigitalGlobe has developed to address them, and the challenges that we face in our quest to transform from a global scale pixel provider to a global scale information provider.

Bio: *Kostas Stamatiou* holds a PhD in Electrical Engineering from the University of California San Diego. He has held research appointments with the University of Notre Dame, the University of Padova, Italy, and the Centre of Telecommunications of Catalonia, Spain. He has been with DigitalGlobe since 2014 where he currently leads the Analytics and Applied Artificial Intelligence group.

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